




PROGRAM

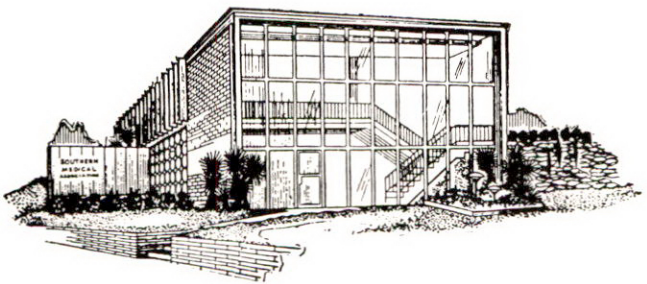


SMA-MAG
SOUTHERN MEDICAL ASSOCIATION MEDICAL ASSOCIATION OF GEORGIA

**1978
SCIENTIFIC
ASSEMBLY**

Atlanta, Georgia
November 11-14, 1978





*“The exclusive purpose of this
Association shall be to develop
and foster scientific medicine.”*

Program is acceptable for 83 Prescribed and 171 Elective hours by the American Academy of Family Physicians.

Program is acceptable for 80 Category 1 credit hours by the American College of Emergency Physicians.

The entire program is acceptable for hour-for-hour credit in Category 1 of the American Medical Association's Physician's Recognition Award.

CONTINUING MEDICAL STUDY RECORD
for use at the
1978 Annual Scientific Assembly
of the
SOUTHERN MEDICAL ASSOCIATION
AND
MEDICAL ASSOCIATION OF GEORGIA

Session Numbers "X" block to indicate attendance.

1	25	49	73	97
2	26	50	74	98
3	27	51	75	99
4	28	52	76	100
5	29	53	77	101
6	30	54	78	102
7	31	55	79	103
8	32	56	80	104
9	33	57	81	105
10	34	58	82	106
11	35	59	83	107
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16	40	64	88	112
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20	44	68	92	116
21	45	69	93	117
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23	47	71	95	119
24	48	72	96	120

IMPORTANT: To receive CME credit, return to Southern Medical Association, 2601 Highland Avenue, Birmingham, Alabama 35205, immediately following the Annual Scientific Assembly. A Certificate of Credit will be forwarded to you.

_____, M.D.
 Name (PLEASE PRINT)

 Address

 City State Zip Code

OFFICIAL PROGRAM

1978 Annual Scientific Assembly

of the

**SOUTHERN MEDICAL
ASSOCIATION**

and the

**MEDICAL ASSOCIATION
OF GEORGIA**

**November 11-14, 1978
Atlanta, Georgia**

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AMERICAN ACADEMY OF FAMILY PHYSICIANS, CME CREDIT

All scientific activities of the Southern Medical Association are acceptable for hour-for-hour credit toward Category I of the American Medical Association's Physician's Recognition Award.

In addition to Category I credit from the AMA, the following scientific activities are acceptable for PRESCRIBED hours by the American Academy of Family Physicians.

Postgraduate Course on Cardiology	6 hours
Section on Family Practice	5 hours
Postgraduate Course on Gynecologic Oncology	6 hours
Postgraduate Course on Update in Endocrinology & Infertility (American Fertility Society)	6 hours
Postgraduate Course on GI & Liver Disease	6 hours
Postgraduate Course on Care of the Multiple Injured Patient	6 hours
Postgraduate Course on Hand Injuries	6 hours
Section on Psychiatry	3 hours
Mini-Course—Acne	2 hours
Mini-Course—Verrucae	2 hours
Mini-Course—Actinic Damage of the Skin	2 hours
Postgraduate Course on Medical Otolaryngology	3 hours
Joint Meeting of the Sections on Gastroenterology, Emergency Medicine, Radiology & Surgery	3 hours
Section on Obstetrics	3 hours
Postgraduate Course on Dermatology for the Non-Dematologist	6 hours
Postgraduate Course on Pediatric Dermatology	4 hours
Section on Pediatrics	5 hours
Section on Medicine & Georgia Society of Internal Medicine	3 hours
Postgraduate Course on Cardiopulmonary Resuscitation	6 hours

All other scientific activities are acceptable for hour-for-hour ELECTIVE hours by the American Academy of Family Physicians.

AMERICAN COLLEGE OF EMERGENCY PHYSICIANS, COURSES FOR CATEGORY 1 CREDIT

All scientific activities of the Southern Medical Association are acceptable for hour-for-hour credit toward Category I of the American Medical Association's Physician's Recognition Award.

In addition to Category I credit from the AMA, the following scientific activities are acceptable for Category I credit by the American College of Emergency Physicians.

Postgraduate Course on Liver Disease	6 hours
Postgraduate Course on Cardiology (only morning session)	3 hours
Postgraduate Course on Care of the Multiple Injured Patient	6 hours
Postgraduate Course on Problem Case Seminar on Common Hand Injuries: Basic and Advanced Techniques	6 hours
Postgraduate Course on Evaluation of Blood Transfusion Complications	3 hours
Postgraduate Course on Acne	2 hours
Postgraduate Course on Diagnosis and Clinical Management of Verrucae	2 hours
Postgraduate Course on Common Actinic Damage to the Skin	2 hours
Postgraduate Course on Medical Otolaryngology: Current Concepts in the Treatment of Common Disorders	3 hours
Postgraduate Course on Dermatology for the Non-Dermatologist	6 hours
Postgraduate Course on Pediatric Dermatology	4 hours
Postgraduate Course on Cardiopulmonary Resuscitation: Basic Resue Course	6 hours
Section on Emergency Medicine	3 hours
Joint Meeting of the Sections on Gastroenterology, Emergency Medicine, Radiology and Surgery	3 hours
Section on Neurology	5 hours
Section on Pediatrics	5 hours
Section on Psychiatry	3 hours
Section on Medicine and Georgia Thoracic Society	3 hours
Section on Medicine and Georgia Society of Internal Medicine	3 hours
Section on Allergy	6 hours

SOUTHERN MEDICAL ASSOCIATION

1978-1979

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(Year term expires follows name)

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FUTURE MEETINGS

OF

SOUTHERN MEDICAL ASSOCIATION

November 4-7, 1979	Las Vegas, Nev.
November 15-18, 1980	San Antonio, Tex.
November 15-18, 1981	New Orleans, La.
October 31-November 3, 1982	Atlanta, Ga.
November 13-16, 1983	St. Louis, Mo.

MEDICAL ASSOCIATION OF GEORGIA

1978-1979

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FUTURE EDUCATIONAL MEETINGS SPONSORED BY THE MEDICAL ASSOCIATION OF GEORGIA

January 30, 1979:

Office Manager Workshop, Atlanta, \$50, faculty provided by AMA, limit 35.

January 31—February 1, 1979:

Starting Your Practice Workshop for Residents, Atlanta, \$65 (\$100 for non-members of a state medical society), faculty provided by AMA, limit 25.

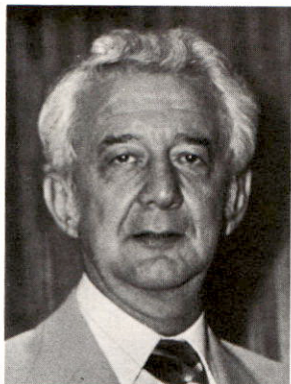
May 26-27, 1979:

Seminar on Private Enterprise and the Medical Profession (PEP Seminar), Atlanta, faculty provided by Georgia State University.

November 15-18, 1979:

MAG Scientific Assembly, Atlanta, Omni International Hotel.

PRESIDENT'S MESSAGE



Welcome to Atlanta and the combined meeting of the Medical Association of Georgia with the Southern Medical Association. This 1978 Assembly of the SMA/MAG has the perfect combination of outstanding medical presentations in one of America's most progressive cities with varied activities.

As many of you know this is the first combined meeting with a state society for the SMA. The ingredients for you

as a physician to gain more knowledge are available. A great deal of effort has been expended for this program.

Special recognition is given to the Program Chairmen of the Medical Association of Georgia and the Section Officers of the Southern Medical Association for the preparation of this outstanding program. The leadership of E. Napier Burson of Atlanta and C. Rex Teeslink of Augusta is acknowledged in combining the efforts of the two associations. This has been accomplished through the Planning Committee of MAG and the Committee on Scientific Work of the SMA with these two gentlemen serving as the respective Chairmen.

As you review the Program it is readily noticeable that many CME credits are available, with exceptional medical speakers in every specialty. The SMA is one of the few multispecialty groups remaining in which a conjoined effort is made to further scientific medicine. This is recognized by the Council on Medical Education of the American Medical Association, and American Academy of Family Practice and the American College of Emergency Physicians. The present program has been approved for 83 prescribed and 171 elective hours by the AAFP; the program is acceptable for 80 Category 1 credit hours by the American College of Emergency Physicians. Also the entire program is acceptable for hour-for-hour credit in Category 1 of the American Medical Association's Physician's Recognition Award. It can truly be said that "SMA is CME"!

The MAG Calhoun Lecture will be Saturday Noon, November 11th, in the World Congress Center. The guest speaker is C. H. William Ruhe, M.D., Senior Vice President of the American Medical Association. The title of this lecture is "1984: Nightmare or Utopia for Medical Education?" Dr. Ruhe is one of the outstanding leaders of medical education in the United States. The changing trends in credentialing and training will be addressed. Carson B. Burgstiner, M.D., Savannah, President of the Medical Association of Georgia will preside and introduce the guest speaker at this luncheon.

The President's Reception is Saturday evening, November 11th, and each of you is invited.

The President's Night Dinner Dance will be held on Sunday evening November 12th, and will feature the talented piano duo of Ferrante and Teicher.

The President's Luncheon and the Women's Auxiliary Doctors' Day Awards Luncheon will be at noon on Monday, November 13th, in the Georgia World Congress Center, with Art Buchwald as guest speaker. This gentleman's background as a journalist, syndicated columnist, and analyst is well known and will be the highlight of this affair.

Mrs. M. Bruce Martin of Huntington, West Virginia, President of the Woman's Auxiliary to the SMA and her local co-chairmen, Mrs. David C. Thibodeaux and Mrs. James H.

Manning, have contributed tremendously to the Auxiliary Program. Each of you is reminded that the wife of a physician-member of the SMA is automatically a member of the Woman's Auxiliary and is invited to attend and participate in these activities. In keeping with the planned activities a special Spouses' Program has been developed. The activities are many and varied. The SMA registration desks in the Exhibit Hall, World Congress Center and the SMA Auxiliary Registration Desk at the Omni International Hotel have the tickets for these functions. The ladies are asked to participate in this excellent program.

The Alumni Reunions are listed and you are encouraged to renew old friendships. The SMA, for the 23rd year, is offering a special program for medical students attending the Scientific Assembly. Take time to meet these young people and help introduce them to what continuing medical education means when their formal training is completed. There is a representative from your medical school and you will find the visit rewarding.

The 72nd Annual Scientific Assembly is the most ambitious of the SMA in many years. The administrative personnel of MAG and SMA have given untold hours to make this a successful program for the combined membership of both organizations. The basic tenants of the SMA from its beginning—"to develop and foster scientific medicine"—is best exemplified in this scientific assembly. To Dr. Burgstiner, President of MAG and its membership, many thanks for your willingness to participate in this joint effort.

To the membership of the SMA it has been a rewarding experience serving as President of our association this year. The unique structure and dedication of this organization through years of service to medicine is a complement to the membership. A warm welcome is extended to all members and guests.

ANDREW F. GIESEN, JR., M.D.
President
Southern Medical Association

GENERAL INFORMATION

REGISTRATION

Registration desks will be located in the Peachtree Plaza Hotel, Henry Grady Room, Friday, November 10, 12:00 noon-5:00 p.m. Saturday through Tuesday, November 11-14, registration desks will be located in the Georgia World Congress Center. Registration hours will be as follows: Saturday-Monday, November 11-13, 8:00 a.m.-5:00 p.m.; Tuesday, November 14, 8:00 a.m.-12:00 noon. The Georgia World Congress Center will be headquarters for all scientific activities, exhibits, registration, and information.

Non-members of the Southern Medical Association and Medical Association of Georgia will be required to pay a registration fee of \$20.

No registration fee will be charged program participants, nurses, or medical students, interns and resident/house staff officers who can identify themselves or who have a letter from their supervisor.

SMA OFFICES

Executive Office . . . of the Executive Vice-President and staff, the Peachtree Plaza Hotel, International Room, (Level 7 East) will be open from 8:00 a.m. until 5:30 p.m., daily, November 8-14.

Business Office . . . The Business Office, Georgia World Congress Center, Room 213, will be open from 8:00 a.m. until 5:30 p.m., daily.

Press Room . . . The Press Room, Georgia World Congress Center, Room 213, will be open from 8:00 a.m. until 5:30 p.m., daily, November 11-14.

TAPING OF SCIENTIFIC ACTIVITIES

The Executive Committee of the Council of the Southern Medical Association adopted a policy whereby no scientific activities may be taped, without written permission by the Executive Committee.

TICKETS

Tickets to the MAG Luncheon and Abner W. Calhoun Lecture, SMA's President's Luncheon, President's Night Dinner Dance and to all regularly scheduled luncheons and dinners of the Sections and alumni reunions may be secured in the registration area, Peachtree Plaza Hotel, November 10, and Georgia World Congress Center, November 11-14.

MEETING BULLETIN

A Meeting Bulletin will be available in the registration area.

SHUTTLE BUS SERVICE

A shuttle bus service to the Georgia World Congress Center will be provided, courtesy of your exhibitors, from 7:30 a.m. - 6:30 p.m., November 11, 12, and 13. Buses will be provided on November 14, 7:30 a.m. - 1:30 p.m.

Signs will be located in hotel lobbies designating departure points.

WHO MAY ATTEND

All scientific activities, meetings and exhibits at SMA/MAG annual meetings are open to physicians who are eligible for membership in their local and state medical societies. Scientific meetings and exhibits are also open to residents, interns, medical students, nurses, technicians and other paramedical personnel.

MESSAGE CENTER

A Message Center will be maintained for the convenience of members and guests of the SMA and MAG in the registration area, Georgia World Congress Center.

SPEAKERS' READY ROOM

There will be a Speakers' Ready Room, located in the Georgia World Congress Center, Room 212, for the convenience of those speakers wishing to preview their slide presentations. The Speakers' Ready Room will be open November 11, 12, and 13, 8:00 a.m. - 5:00 p.m.; November 14, 8:00 a.m. - 11:00 a.m.

CONJOINT SOCIETIES

Southern Medical Association and the Medical Association of Georgia are honored to have several distinguished medical groups meeting with it conjointly. In addition to attending their own scientific specialty meetings, members will participate in a number of Section programs. Programs for the following groups begin on page 175.

American College of Chest Physicians,
Southern Chapter
American Fertility Society
Society for Investigative Dermatology
Southern Gynecological and
Obstetrical Society
The Radiological Society of North
America

POSTGRADUATE COURSES

As part of its Continuing Medical Education Program, the Association will again feature several outstanding and worthwhile post-graduate courses. A complete listing and programs may be found on pages 19-39.

SMA/MAG LEARNING CENTER

The SMA/MAG Learning Center is another innovation in scientific programming. Clinical presentations, sponsored by Pfizer Laboratories, Inc., Hoechst-Roussel Pharmaceuticals, and Lederle Laboratories, will be conducted in an informal setting, including experts in chosen topics. For complete program, see page 159.

FIRST GENERAL SESSION

The First General Session will be held in the Peachtree Plaza Hotel, Spanish/Georgian Room, Saturday, November 11, 11:00 a.m. Members, wives and guests are invited to attend. See complete program on page 40.

MAG LUNCHEON AND ABNER W. CALHOUN LECTURE

The MAG Luncheon and Abner W. Calhoun Lecture will be held on Saturday noon, November 11, Georgia World Congress Center, Exhibit Hall—Room 100. The Guest Speaker will be C. H. William Ruhe, Senior Vice President, American Medical Association, Chicago, Ill. Dr Ruhe will be speaking on "1984: NIGHTMARE OR UTOPIA FOR MEDICAL EDUCATION?" Tickets, \$8.50 each, may be obtained in the registration area.

PRESIDENT'S RECEPTION

The Southern Medical Association cordially invites all members, MAG physicians, exhibitors and guests to a reception honoring its President, Andrew F. Giesen, Jr., MD, Fort Walton Beach, Fla., Peachtree Plaza Hotel, Plaza Ballroom, Saturday, November 11, 7:00-8:30 p.m.

PRESIDENT'S NIGHT

The annual President's Night Dinner Dance will be held on Sunday evening, November 12, 7:30 p.m., Peachtree Plaza Hotel, Peachtree Ballroom. This event will be preceded by a Hospitality Hour, 6:30-7:30 p.m., Plaza Ballroom. Entertainment will feature the dynamic piano duo of Ferrante and Teicher. Tickets, \$20.00 each, may be obtained at the registration desks, Georgia World Congress Center.

PRESIDENT'S—DOCTORS' DAY AWARDS LUNCHEON

The President's Luncheon honoring Andrew F. Giesen, Jr., MD, Fort Walton Beach, Fla., President of the Southern Medical Association, will be held on Monday, November 13, Georgia World Congress Center, Exhibit Hall—Room 100. The famed columnist Art Buchwald will be the Guest Speaker. Tickets, \$9.00 each, may be obtained in the registration area.

WOMAN'S AUXILIARY

All wives of members of the Southern Medical Association are automatically members of the Woman's Auxiliary. You are not required to pay any dues in order for you, your husband and guests to participate in the *Auxiliary's* functions and activities.

The Atlanta Convention Committee wishes to extend an invitation to you to enjoy all of the Auxiliary functions which have been planned for you by the Committee. The Woman's Auxiliary Program may be found on page 186.

SPOUSES' PROGRAM

An innovation this year is a schedule of activities for spouses, in addition to the usual social events. There will be a postgraduate course on "Cardiopulmonary Resuscitation," precious jewelry show and a gardening demonstration; fascinating sessions on anterior design; investment quality antiques; and body language; two intriguing seminars—finance for women and cosmetic surgery; and two tours—a special private home tour and a fantastic shopping trip! For complete program, see page 188.

ANNUAL GOLF TOURNAMENT

Date: Monday, November 13, 1978

Place: Horseshoe Bend Country Club, Roswell, Ga.

Transportation: Individual must provide his own transportation.

Starting Times: 10:00 a.m. to 12:00 noon

Cost: Fee of \$30 will cover the cost of the greens fee; cart rental; complete locker room facilities; prizes and trophies; reception following the tournament.

Prizes: All prizes will be awarded immediately following the tournament at the reception at Horseshoe Bend Country Club.

Weather: In the event of inclement weather, the pro-in-charge will determine the playability of the course.

Trophies: There will be trophies for the following: (1) Low gross, junior class (under 50 years of age); (2) Low gross, senior class; (3) Low net, full handicap; (4) In addition, there will be other prizes.

Who Can Play: Members of SMA and MAG and their guests. Guests must play with host-member of SMA or MAG.

Handicaps: All players will play for low gross, as well as low net. Registered handicaps are requested and will be recorded upon registration. USGA rules will govern play.

Clubs: Please bring your own clubs.

Attire: Usual golf clothes.

Information: An information desk will be located in the registration area, Georgia World Congress Center, Sunday, November 12, 1978.

TENNIS TOURNAMENT

Date: Monday, November 13, 1978

Place: Horseshoe Bend Country Club, Roswell, Ga.

Transportation: Individual must provide his own transportation.

Time: 10:30 a.m. until dark. Complete schedule may be picked up at registration desk.

Cost: An entry fee per event will cover the court fee, balls used for playing, etc.

Competition: Men's Open and Senior Singles; Women's Open and Senior Singles; Men's Open and Senior Doubles; Women's Open and Senior Doubles; Mixed Doubles. Limited events per player. Limited 8 players or 8 teams draws in all events.

Awards: Trophies will be awarded for first and second place in each category.

Courts: Hard and soft outdoor courts.

Racquets: Please bring your own racquet.

ACKNOWLEDGEMENTS

The Southern Medical Association acknowledges with grateful appreciation the services and assistance rendered by the following:

	Medical Association of Georgia Atlanta, Ga.	
	Merck Sharp & Dohme West Point, Pa.	
	Roche Laboratories Nutley, N.J.	
	Wyeth Laboratories Philadelphia, Pa.	
Lederle Laboratories Pearl River, N.Y.	Pfizer Laboratories Inc. New York, N.Y.	Hoechst-Roussel Pharmaceuticals Somerville, N.J.

**SOUTHERN MEDICAL ASSOCIATION
72nd ANNUAL SCIENTIFIC ASSEMBLY**

Meets Jointly With

THE MEDICAL ASSOCIATION OF GEORGIA

**NOVEMBER 11-14, 1978
GEORGIA WORLD CONGRESS CENTER
ATLANTA, GEORGIA**

SMA FIRST GENERAL SESSION

The SMA First General Session will be held on Saturday,
November 11, 11:00 a.m., Peachtree Plaza Hotel.
Tickets are not required.

MAG LUNCHEON AND ABNER W. CALHOUN LECTURE

The MAG Luncheon and Abner W. Calhoun Lecture will be held on
Saturday, November 11, noon, \$8.50
C. H. William Ruhe, M.D., Senior Vice President, American Medical
Association, Chicago, Ill., Guest Speaker

SMA PRESIDENT'S NIGHT DINNER DANCE

- Sunday, November 12, \$20.00
- Peachtree Plaza Hotel
- Reception Starts at 6:30 p.m.
- Dinner Dance at 7:30 p.m.
- Entertainment Featuring Ferrante & Teicher
- Absolutely No Business
- No Speeches
- Floor Show
- Orchestra for Dancing

SMA PRESIDENT'S—DOCTORS' DAY AWARDS LUNCHEON

The SMA President's Luncheon honoring Andrew F. Giesen, Jr., MD,
President of SMA, will be held on Monday, November 13,
noon, \$9.00
Art Buchwald, Guest Speaker.

ALUMNI REUNIONS

Receptions and dinners will be held to celebrate annual alumni get-togethers. Information regarding alumni activities may be secured in the registration area, Georgia World Congress Center. Listed below are some of the activities already scheduled.

Duke University School of Medicine, Durham, N.C. Cocktails and Dinner, Diplomat Restaurant, Monday, Nov. 13, 6:30 p.m. Dr. Jay M. Arena, Chairman.

Emory University School of Medicine, Atlanta, Ga. Reception, Peachtree Plaza Hotel, Towers Suite #2, Monday, Nov. 13, 6:00-8:00 p.m. Mr. Walter R. Davis, Jr., Chairman

Hahnemann Medical College, Philadelphia, Pa. Reception, Peachtree Plaza Hotel, Towers Suite #7, Monday, November 13, 5:00-7:00 p.m., Mr. Ernie Leiss, Chairman.

Medical College of Georgia, Augusta, Ga. Meeting, Peachtree Plaza Hotel, Towers Suite #3, Saturday, Nov. 11, 2:00-6:00 p.m., Luncheon, Peachtree Plaza Hotel, Towers Suite #2, Sunday, Nov. 12, 12:00 noon-2:00 p.m., Meeting, Peachtree Plaza Hotel, Towers Suite #2, Sunday, Nov. 12, 10:00 a.m., Reception and Dinner, Peachtree Plaza Hotel, Plaza Ballroom, Monday, Nov. 13, 7:00-9:00 p.m. Ms. Barbara Johnson, Hostess.

Medical College of Virginia, Virginia Commonwealth University, Richmond, Va. Reception, Peachtree Plaza Hotel, suite of the Medical College of Virginia, Monday, Nov. 13, 6:00-8:00 p.m. Ms. Minnie M. Franck, Hostess.

Medical University of South Carolina, Charleston, S.C. Reception, Peachtree Plaza Hotel, Towers Suite #8, Monday, Nov. 13, 5:00-6:30 p.m. Mr. Charles H. Hunter, Chairman.

Tulane University School of Medicine, New Orleans, La. Reception, Peachtree Plaza Hotel, Towers Suite #5, Monday, Nov. 13, 5:30-7:30 p.m. M. L. Michel, Chairman.

University of Alabama School of Medicine, Birmingham, Ala. Reception, Peachtree Plaza Hotel, French Room, Monday, Nov. 13, 7:00-8:00 p.m. Mr. Jimmy Beard, Chairman

University of Arkansas School of Medicine, Little Rock, Ark. Reception, Peachtree Plaza Hotel, Towers Suite #3, Monday, Nov. 13, 6:30 p.m. Mr. John M. Rosso, Chairman.

University of Louisville School of Medicine, Louisville, Ky. Reception, Peachtree Plaza Hotel, suite of the University of Louisville Medical School, Monday, Nov. 13, 5:00-7:00 p.m. Ms. Billie Clary, Hostess.

University of Maryland of Medicine, Baltimore, Md. Reception, Peachtree Plaza Hotel, Saturday - Sunday, November 11-12. Drs. L. Guy Chelton and Ronald H. Koenig, Local Hosts.

University of Tennessee College of Medicine, Memphis, Tenn. Reception, Peachtree Plaza Hotel, Spanish Room, Monday, Nov. 13, 6:00-8:00 p.m. Mr. John J. Sheridan, Chairman.

University of Virginia School of Medicine, Charlottesville, Va.

Vanderbilt University School of Medicine, Nashville, Tenn. Reception, Peachtree Plaza Hotel, English Room, Monday, Nov. 13, 5:30-7:00 p.m. Ms. Andrea McNiel, Hostess.

MEDICAL STUDENT REPRESENTATIVES

For the 23rd consecutive year, the Southern Medical Association will have a special program of activities for official medical student representatives at the annual meeting. The representatives are selected by their classmates for the privilege of attending the scientific assembly. This year each medical school in the Association's territory has been invited to send one representative from the junior class to the Atlanta

Meeting. The objectives of the Medical Student Representatives' Program are:

- to give students an opportunity to participate in a full-scale medical meeting;
- to teach them that study does not cease when classrooms are left and point out the value of continuing medical education after graduation;
- to make them aware that medical organizations are engaged in a continuous effort to promote research and present results to practicing physicians, and that through the scientific sessions "post-graduate" courses in medicine are offered;
- and finally, to urge them to share their findings with classmates upon returning to medical school.

For a list of the Medical Student Representatives to the Atlanta Meeting and a complete outline of the program planned for them, see page 168.

COMMITTEES ON ARRANGEMENTS

General Chairman: E. NAPIER BURSON, JR.

Golf Committee: RICHARD C. MARGESON

Tennis Committee: EDWIN LOCHRIDGE, JR.

MAG Committee on Scientific Assembly:

E. NAPIER BURSON, JR., MARK M. LINDSEY,
A. CALHOUN WITHAM, C. REX TEESLINK,
LaMAR S. McGINNIS, JR., ARTHUR J. MERRILL, JR.

MAG PROGRAM CHAIRMEN

Allergy: DONALD McLEAN, Allergy & Immunology Society of Georgia

Anesthesiology: D. C. FINLAYSON, Georgia Society of Anesthesiologists

Chest Diseases: C. NEIL KELLEY, Georgia Thoracic Society

Dermatology: CHENAULT W. HAILEY, Atlanta Dermatological Society

Emergency Medicine: MARK M. LINDSEY, Georgia Chapter, American College of Emergency Physicians

Family Practice: T. EUGENE KENNEDY, TERRELL B. TANNER, Georgia Academy of Family Physicians

Gastroenterology: DAVID E. HEIN, Georgia Gastroenterologic Society

Internal Medicine: JOHN M. McCOY, DAVID M. TAYLOR, American College of Physicians - Georgia

Neurology: GEORGE R. MUSHET, JOHN E. LEE, Georgia Neurological Society

Neurosurgery: ALAN S. FLEISCHER, FLOYD L. HAAR, Georgia Neurosurgical Society

Obstetrics/Gynecology: WILLIAM H. KILPATRICK, MR. CHESTER LANE, Georgia State Obstetrical-Gynecological Society

Ophthalmology: EDWARD FINEBERG, Georgia Society of Ophthalmology

Orthopaedics: ALFRED COLQUITT, III, Georgia Orthopaedic Society

Otolaryngology: JOHN S. TURNER, JR., FRED M. S. McCONNEL, Georgia Society of Otolaryngology

Pathology: JOHN F. NICKERSON, BOBBY C. BROWN, Atlanta Society of Pathologists

Pediatrics: ALEXANDER F. ROBERTSON, III, Georgia Chapter, American Academy of Pediatrics

Plastic Surgery: LOVIC W. HOBBY, Georgia Society of Plastic Surgeons

Psychiatry: THERON McLARTY, Georgia Psychiatric Association

Radiology: STEWART ROBERTS, JR., Georgia Radiological Society

Surgery: LAMAR S. McGINNIS, JR., Georgia Chapter, American College of Surgeons

Urology: THOMAS J. FLORENCE, Georgia Urological Association

Postgraduate Courses

Saturday, November 11, 9:00 a.m.-5:00 p.m.

Georgia World Congress Center
Room 200

**Postgraduate Course On
GYNECOLOGIC ONCOLOGY FOR THE PRACTICING
PHYSICIAN: DETECTION, EVALUATION,
TREATMENT AND FOLLOW-UP**

Director:

J. MAX AUSTIN, JR.,
Birmingham, Ala.

SESSION #1

Course #1

Fee: \$60

For registration information, see page 11.

Faculty:

J. MAX AUSTIN, JR.,
Birmingham, Ala.

WESLEY C. FOWLER, JR.,
Chapel Hill, N.C.

KENNETH D. HATCH,
Birmingham, Ala.

9:00 a.m.

INTRODUCTION TO COURSE

J. MAX AUSTIN, JR.
Birmingham, Ala.

9:15 a.m.

PREINVASIVE AND MICROINVASIVE CERVICAL LESIONS

J. MAX AUSTIN, JR.
Birmingham, Ala.

10:00 a.m.

**THE ESTROGEN/ENDOMETRIAL CARCINOMA
CONTROVERSY**

WESLEY C. FOWLER, JR.
Chapel Hill, N.C.

10:45 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

OVARIAN CARCINOMA—EPITHELIAL ORIGIN

KENNETH D. HATCH
Birmingham, Ala.

11:30 a.m.

CERVICAL CARCINOMA

J. MAX AUSTIN, JR.
Birmingham, Ala.

12:00 noon

DISCUSSION, QUESTIONS AND ANSWERS

Saturday, November 11, 1:30 p.m.

Georgia World Congress Center
Room 200

1:30 p.m.

OVARIAN CARCINOMA—NONEPITHELIAL ORIGIN

KENNETH D. HATCH
Birmingham, Ala.

2:00 p.m.

DES EXPOSURE

WESLEY C. FOWLER, JR.
Chapel Hill, N.C.

2:30 p.m.

ENDOMETRIAL CARCINOMA AND ITS PRECURSORS

KENNETH D. HATCH
Birmingham, Ala.

3:00 p.m.

GESTATIONAL TROPHOBLASTIC DISEASE

J. MAX AUSTIN, JR.
Birmingham, Ala.

3:30 p.m.

INTERMISSION—VISIT EXHIBITS

3:45 p.m.

VULVA AND VAGINAL CARCINOMAS

WESLEY C. FOWLER, JR.
Chapel Hill, N.C.

4:30 p.m.

DISCUSSION, QUESTIONS AND ANSWERS

This course has been approved for 10 cognates by The American College of Obstetricians and Gynecologists.

Program is acceptable for six Prescribed hours by the American Academy of Family Physicians.

Program acceptable for six hours credit in Category I of the American Medical Association's Physician's Recognition Award.

Saturday, November 11, 9:00 a.m.-5:00 p.m.

Atlanta Hilton
Henry and Cherokee Rooms

Postgraduate Course On

**UPDATE IN REPRODUCTIVE ENDOCRINOLOGY AND
INFERTILITY**

Course Director:

CHARLES B. HAMMOND,
Durham, N.C.

SESSION #2

Course #2

Fee: \$125

For registration information, see page 11.

Faculty:

CHARLES B. HAMMOND,
Durham, N.C.

PAUL G. McDONOUGH,
Augusta, Ga.

J. BENJAMIN YOUNGER,
Birmingham, Ala.

9:00 a.m.

**WELCOME, INTRODUCTION OF FACULTY AND GENERAL
CONSIDERATIONS**

CHARLES B. HAMMOND
Durham, N.C.

9:15 a.m.

ANDROGEN EXCESS SYNDROMES

J. BENJAMIN YOUNGER
Birmingham, Ala.

10:00 a.m.

COFFEE BREAK

10:45 a.m.

TUBAL FACTORS—TUBAL SURGERY

PAUL G. McDONOUGH
Augusta, Ga.

11:30 a.m.

PANEL DISCUSSION, QUESTIONS AND ANSWERS

12:00 noon

OVULATORY MECHANISM—DISORDERS AND EVALUATION

CHARLES B. HAMMOND
Durham, N.C.

12:45 p.m.

LUNCHEON—CRYSTAL BALLROOM E & F

Saturday, November 11, 2:15 p.m.

Atlanta Hilton
Henry and Cherokee Rooms

2:15 p.m.

OVULATION INDUCTION

CHARLES B. HAMMOND
Durham, N.C.

3:00 p.m.

PANEL DISCUSSION, QUESTIONS AND ANSWERS

3:30 p.m.

COFFEE BREAK

3:45 p.m.

CERVICAL FACTORS

J. BENJAMIN YOUNGER
Birmingham, Ala.

4:15 p.m.

HABITUAL ABORTION

PAUL G. McDONOUGH
Augusta, Ga.

4:45 p.m.

PANEL DISCUSSION, QUESTIONS AND ANSWERS

Program is acceptable for six Prescribed hours by the American Academy of Family Physicians.

Program acceptable for six hours credit in Category I of the American Medical Association's Physician's Recognition Award.

Saturday, November 11, 9:00 a.m.-5:00 p.m.

Georgia World Congress Center
Room 305

Postgraduate Course On

GI AND LIVER DISEASES: UPDATE ON MANAGEMENT

Course Director:

JOHN T. GALAMBOS,
Atlanta, Ga.

SESSION #3

Course #3

Fee: \$60

For registration information, see page 11.

Faculty:

JOHN T. GALAMBOS,
Atlanta, Ga.

JOHN T. GARBUTT, JR.,
Durham, N.C.

THEODORE HERSH,
Atlanta, Ga.

ARVEY I. ROGERS,
Miami, Fla.

EUGENE R. SCHIFF,
Miami, Fla.

The objective of this course will be to provide an update on managing common problems of the gastrointestinal and liver systems and to relate management principles to current understanding of altered mechanisms.

This course is co-sponsored by the American College of Gastroenterologists

9:00 a.m.

WHAT DO HEPATITIS TYPES HAVE TO DO WITH MANAGEMENT?

EUGENE R. SCHIFF
Miami, Fla.

9:15 a.m.

HOW SHOULD A PATIENT WITH ACUTE HEPATITIS BE MANAGED?

JOHN T. GALAMBOS
Atlanta, Ga.

9:30 a.m.

WHAT IS THE CURRENT STATUS OF PROTECTION FOR HIGH-RISK PATIENTS? RELATIVES?

JOHN T. GALAMBOS
Atlanta, Ga.

9:45 a.m.

CHRONIC HEPATITIS: RECOGNITION AND MANAGEMENT

EUGENE R. SCHIFF
Miami, Fla.

10:00 a.m.

HEPATITIS: QUESTIONS AND ANSWERS

10:15 a.m.

COFFEE BREAK—VISIT EXHIBITS

10:30 a.m.

WHAT'S NEW AND OF PRACTICAL SIGNIFICANCE IN MANAGING BLEEDING VARICES?

JOHN T. GALAMBOS
Atlanta, Ga.

10:45 a.m.

HOW ABOUT ENCEPHALOPATHY?

EUGENE R. SCHIFF
Miami, Fla.

11:00 a.m.

OUTLINE A MODERN-DAY APPROACH TO MANAGING ASCITES

JOHN T. GALAMBOS
Atlanta, Ga.

11:45 a.m.

CIRRHOSIS: QUESTIONS AND ANSWERS

12:00 noon

GALLSTONES: WHERE ARE WE IN THEIR MANAGEMENT?

JOHN T. GARBUTT, JR.
Durham, N.C.

12:20 p.m.

FILLING IN THE GAPS

Faculty

Saturday, November 11, 2:00 p.m.

Georgia World Congress Center

Room 305

2:00 p.m.

DYSPHAGIA: CAN YOU HIGHLIGHT THE USE OF MOTILITY STUDIES, CINERADIOGRAPHY, ENDOSCOPY AND DILATATION IN MANAGEMENT?

THEODORE HERSH

Atlanta, Ga.

2:20 p.m.

PEPTIC ULCER: WHERE DO WE STAND?

ARVEY I. ROGERS

Miami, Fla.

2:40 p.m.

HEARTBURN: THERE SEEM TO BE A LOT OF OPTIONS; IS THERE A BEST THING TO DO?

THEODORE HERSH

Atlanta, Ga.

2:55 p.m.

ACID-PEPTIC DISEASE: QUESTIONS AND ANSWERS

3:10 p.m.

DIARRHEA: SELECTING OUT THE IMPORTANT ASPECTS OF MANAGEMENT

ARVEY I. ROGERS

Miami, Fla.

3:30 p.m.

COFFEE BREAK—VISIT EXHIBITS

3:45 p.m.

OBESITY: SELECTIVE SURGERY

THEODORE HERSH

Atlanta, Ga.

4:00 p.m.

OBESITY: SURGICAL SEQUELAE—LIVER

JOHN T. GALAMBOS

Atlanta, Ga.

4:15 p.m.

OBESITY: SURGICAL SEQUELAE—SHORT BOWEL SYNDROMES

JOHN T. GARBUTT, JR.

Durham, N.C.

4:30 p.m.

**QUESTIONS AND ANSWERS; DISCUSSION OF
SELF-ASSESSMENT EXAMINATIONS**

Program is acceptable for six Prescribed hours by the American Academy of Family Physicians.

Program acceptable for six hours credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for six Category I credit hours by the American College of Emergency Physicians.

Saturday, November 11, 9:00 a.m.-5:00 p.m.

Georgia World Congress Center
Room 201

**Postgraduate Course On
CARDIOLOGY**

Course Director:

ARNOLDO FIEDOTIN,
Atlanta, Ga.

SESSION #4

Course #4

Fee: \$65

For registration information, see page 11.

Faculty:

ARNOLDO FIEDOTIN,
Atlanta, Ga.

STUART J. TOPOROFF,
Atlanta, Ga.

ALAN PAULK, JR.,
Atlanta, Ga.

BARRY SILVERMAN,
Atlanta, Ga.

KENNETH THOMAS,
Atlanta, Ga.

NESTOR CARABAJAL,
Atlanta, Ga.

WHEN TO . . . AND HOW TO . . . IN CARDIOLOGY TESTING

9:00 a.m.

WHEN TO ORDER AN EXERCISE ECG STRESS TEST

STUART J. TOPOROFF
Atlanta, Ga.

9:20 a.m.

WHEN TO ORDER A HOLTER MONITOR

ALAN PAULK, JR.
Atlanta, Ga.

9:40 a.m.

WHEN TO ORDER AN ECHOCARDIOGRAM

BARRY SILVERMAN
Atlanta, Ga.

10:20 a.m.

INTERMISSION—VISIT EXHIBITS

10:40 a.m.

WHEN TO DO CARDIAC CATHETERIZATION

ARNOLDO FIEDOTIN
Atlanta, Ga.

11:00 a.m.

WHEN TO OPERATE FOR MYOCARDIAL ISCHEMIA

KENNETH THOMAS
Atlanta, Ga.

11:20 a.m.

WHEN TO UTILIZE INTRA-AORTIC BALLOON PUMPING

NESTOR CARABAJAL
Atlanta, Ga.

11:40 a.m.

DISCUSSION, QUESTIONS AND ANSWERS

Program is acceptable for three Category 1 credit hours by the American College of Emergency Physicians.

Saturday, November 11, 2:30 p.m.

St. Joseph's Hospital

Note: Afternoon workshops will be held at St. Joseph's Hospital, 5665 Peachtree-Dunwoody Road, N.E., Atlanta. Buses will depart from the Omni International Hotel promptly at 2:00 p.m. The workshops will consist of simultaneous demonstrations (physicians will move from room to room to suit their needs).

2:30-4:30 p.m.

HOW TO PERFORM ECG EXERCISE TESTING

STUART J. TOPOROFF
Atlanta, Ga.

HOW TO INTERPRET HOLTER MONITORS

ALAN PAULK, JR.
Atlanta, Ga.

HOW TO PERFORM AND INTERPRET ECHOCARDIOGRAMS

BARRY SILVERMAN
Atlanta, Ga.

HOW TO PERFORM CARDIAC CATHETERIZATION AND CORONARY ARTERIOGRAPHY

ARNOLDO FIEDOTIN
Atlanta, Ga.

Program is acceptable for six Prescribed hours by the American Academy of Family Physicians.

Program acceptable for six hours credit in Category I of the American Medical Association's Physician's Recognition Award.

Saturday, November 11, 9:00 a.m.-5:00 p.m.

Georgia World Congress Center
Exhibit Hall-
Room 102

**Postgraduate Course On
CARE OF THE MULTIPLE INJURED PATIENT**

Course Director:

JOSEPH A. MOYLAN,
Durham, N.C.

SESSION #5

Course #5

Fee: \$60

For registration information, see page 11.

Faculty:

JOSEPH A. MOYLAN,
Durham, N.C.

JACK B. PEACOCK,
El Paso, Tex.

HERBERT J. PROCTOR,
Chapel Hill, N.C.

DONALD SERAFIN,
Durham, N.C.

9:00 a.m.

INTRODUCTION

JOSEPH A. MOYLAN
Durham, N.C.

9:05 a.m.

TRIAGE

JACK B. PEACOCK
El Paso, Tex.

9:45 a.m.

SHOCK

JOSEPH A. MOYLAN
Durham, N.C.

10:30 a.m.

COFFEE BREAK—VISIT EXHIBITS

10:45 a.m.

VASCULAR INJURIES

HERBERT J. PROCTOR
Chapel Hill, N.C.

11:30 a.m.

COMPLICATED WOUNDS AND BITES

DONALD SERAFIN
Durham, N.C.

Saturday, November 11, 2:00 p.m.

Georgia World Congress Center
Exhibit Hall-Room 102

2:00 p.m.

ABDOMINAL TRAUMA

HERBERT J. PROCTOR
Chapel Hill, N.C.

2:45 p.m.

POST-TRAUMATIC RESPIRATORY DISTRESS

JOSEPH A. MOYLAN
Durham, N.C.

3:30 p.m.

ANTIBIOTICS AND TRAUMA

JACK B. PEACOCK
El Paso, Tex.

4:00 p.m.

EXTREMITY INJURIES

DONALD SERAFIN
Durham, N.C.

4:30 p.m.

PANEL DISCUSSION

Moderator:

JOSEPH A. MOYLAN,
Durham, N.C.

Panelists:

JACK B. PEACOCK,
El Paso, Tex.

HERBERT J. PROCTOR,
Chapel Hill, N.C.

DONALD SERAFIN,
Durham, N.C.

Program is acceptable for six Prescribed hours by the American Academy of Family Physicians.

Program acceptable for six hours credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for six Category 1 credit hours by the American College of Emergency Physicians.

Saturday, November 11, 9:00 a.m.-5:00 p.m.

Georgia World Congress Center

Room 204

Postgraduate Course On

**PROBLEM CASE SEMINAR ON
COMMON HAND INJURIES: BASIC
AND ADVANCED TECHNIQUES**

Course Director:

IRA M. DUSHOFF,
Jacksonville, Fla.

SESSION #6

Course #6

Fee: \$60

For registration information, see page 11.

Faculty:

IRA M. DUSHOFF,
Jacksonville, Fla.

LEONARD T. FURLOW, JR.,
Gainesville, Fla.

CAULEY W. HAYES, JR.,
Chattanooga, Tenn.

CARL R. HARTRAMPF, JR.,
Atlanta, Ga.

In treatment of hand injuries, adherence to routines can produce variable results in seemingly identical cases. Obvious and subtle differences in each case require judgment decisions based on prior training, observation and experience, in order to select the most appropriate treatment. Many common hand injuries are overtreated by the zealous, or undertreated by the fearful primary care physician.

Short lectures and actual case presentations covering basic principles and techniques, diagnosis and management will provide the registrant with a basis to evaluate and treat common hand injuries. Small groups of registrants rotated among the faculty will discuss stereotyped problems in depth. Wound care, antibiotics, anesthesia, dressings and splints, as well as primary care of infections, foreign bodies, amputations, avulsions, bursting wounds, simple fractures, dislocations and other common hand injuries will be covered.

Program is acceptable for six Prescribed hours by the American Academy of Family Physicians.

Program acceptable for six hours credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for six Category I credit hours by the American College of Emergency Physicians.

Saturday, November 11, 9:00 a.m.-5:00 p.m.

Georgia World Congress Center

Room 206

SESSION #7

Postgraduate Course On

**CARDIOPULMONARY RESUSCITATION: BASIC RESCUE
COURSE**

(Sponsored by The Georgia Heart Association)

Course Director:

WILLIAM A. HOPKINS

Atlanta, Ga.

Course #17

Fee: \$60—LIMITED REGISTRATION

For registration information, see page 11.

Program is acceptable for six Prescribed hours by the American Academy of Family Physicians.

Program acceptable for six hours credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for six Category 1 credit hours by the American College of Emergency Physicians.

Saturday, November 11, 2:00-5:00 p.m.

Georgia World Congress Center

Room 306

SESSION #8

Postgraduate Course On

EVALUATION OF BLOOD TRANSFUSION COMPLICATIONS

Course Director:

ALI A. HOSSAINI,

Richmond, Va.

Course #7

Fee: \$30

For registration information, see page 11.

This workshop will cover the field of complications of blood transfusions, as well as present procedures for the investigation of hemolytic transfusion reactions and provide case histories of some actual incidents of infusing poorly matched blood with subsequent clinical and laboratory studies and management of the cases.

Program is acceptable for three Elective hours by the American Academy of Family Physicians.

Program acceptable for three hours credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for three Category 1 credit hours by the American College of Emergency Physicians.

Saturday, November 11, 2:00-5:00 p.m.

Georgia World Congress Center
Room 304

SESSION #9

**Postgraduate Course On
HEAD AND NECK SURGERY**

Course Director:

FRED M. S. McCONNEL,
Atlanta, Ga.

Course #8

Fee: \$30

For registration information, see page 11.

Faculty:

ALBERT A. CLAIRMONT, JR.,
Atlanta, Ga.

JOHN H. PER-LEE,
Atlanta, Ga.

FRED M. S. McCONNEL,
Atlanta, Ga.

ROBERT W. CANTRELL,
Charlottesville, Va.

2:00 p.m.

**RECENT TRENDS AND DEVELOPMENTS IN HEAD AND NECK
SURGERY (OVERVIEW)**

2:30 p.m.

MANAGEMENT OF LARYNGEAL GLOTTIC CARCINOMA

3:00 p.m.

MANAGEMENT OF SUPRAGLOTTIC CARCINOMA

3:30 p.m.

MANAGEMENT OF SALIVARY GLAND TUMORS

4:00 p.m.

MANAGEMENT OF SALIVARY GLAND TUMORS

4:30 p.m.

MANAGEMENT OF TEMPORAL BONE CARCINOMA

**Program is acceptable for three Elective hours by the American
Academy of Family Physicians.**

**Program acceptable for three hours credit in Category I of the
American Medical Association's Physician's Recognition
Award.**

Sunday, November 12, 9:00 a.m.-12:00 noon

Georgia World Congress Center
Room 200

SESSION #10

**Postgraduate Course On
TREATMENT OF MAXILLOFACIAL INJURIES**

Course Director:

KENNETH E. SALYER,
Dallas, Tex.

Course #9

Fee: \$30

For registration information, see page 11.

Faculty:

KENNETH E. SALYER,
Dallas, Texas

STEPHEN H. MILLER,
Hershey, Pa.

ELVIN G. ZOOK,
Springfield, Ill.

This course will cover the basic diagnosis and treatment modalities in the care of the patient with a facial injury. Content will range from the basic principles of wound management of soft and hard tissues to appropriate, definitive reconstructive procedures. Also included will be the proper resuscitation and treatment commencing with the Emergency Room visit and terminating with the total rehabilitation of facially injured patients.

Program is acceptable for three Elective hours by the American Academy of Family Physicians.

Program acceptable for three hours credit in Category I of the American Medical Association's Physician's Recognition Award.

Sunday, November 12, 2:00-4:00 p.m.

Georgia World Congress Center
Room 200

SESSION #11

Postgraduate Mini-Course

ACNE

Course Director:

DAN K. CHALKER,
Augusta, Ga.

Course #10

Fee: \$15—LIMITED TO 12

For registration information, see page 11.

Faculty:

DAN K. CHALKER,
Augusta, Ga.

"Acne" will be a mini-course with enrollment limited to 12 non-dermatologists. The course is designed specifically for the non-dermatologist for the purpose of stimulating more individual discussion of problems which commonly confront the practitioner.

The purpose of this course will be to give a practical approach to the problem of acne. The major emphasis will be on the treatment of the various types of commonly seen acne problems.

Program is acceptable for two Prescribed hours by the American Academy of Family Physicians.

Program acceptable for two hours credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for two Category 1 credit hours by the American College of Emergency Physicians.

Sunday, November 12, 2:00-4:00 p.m.

Georgia World Congress Center
Room 201

SESSION #12

Postgraduate Mini-Course

DIAGNOSIS AND CLINICAL MANAGEMENT OF VERRUCAE

Course Director:

BEVERLY B. SANDERS, JR.,
Macon, Ga.

Course #11

Fee: \$15—LIMITED TO 12

For registration information, see page 11.

Faculty:

BEVERLY B. SANDERS, JR.,
Macon, Ga.

KENNETH W. SMITH,
Charleston, S.C.

"Diagnosis and Clinical Management of Verrucae" will be a mini-course with enrollment limited to 12 non-dermatologist physicians. The course is designed specifically for the non-dermatologist for the purpose of stimulating more individual discussion of problems which commonly confront the practitioner.

The course will include in-depth presentations on the etiology of verrucae, the different clinical types of verrucae and the various modalities of treatment. Special attention will be directed toward the more difficult types of verrucae, including condyloma acuminatum and periungual and plantar verrucae.

Program is acceptable for two Prescribed hours by the American Academy of Family Physicians.

Program acceptable for two hours credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for two Category 1 credit hours by the American College of Emergency Physicians.

Sunday, November 12, 2:00-4:00 p.m.

Georgia World Congress Center
Room 204

SESSION #13

Postgraduate Mini-Course

COMMON ACTINIC DAMAGE OF THE SKIN

Course Director:

TOM J. MEEK, JR.,
Baton Rouge, La.

Course #12

Fee: \$15—LIMITED TO 12

For registration information, see page 11.

Faculty:

TOM J. MEEK, JR.,
Baton Rouge, La.

"Common Actinic Damage of the Skin" will be a mini-course with enrollment limited to 12 non-dermatologists. The course is designed specifically for the non-dermatologist for the purpose of stimulating more individual discussion of problems that commonly confront the practitioner.

This course will stress diagnosis and practical office management of benign and malignant actinically-induced lesions. Also sunscreens and cosmetic procedures for the treatment of sun damaged skin will be discussed. Photographic slides will be used. Questions and discussions from the audience will be encouraged.

Program is acceptable for two Prescribed hours by the American Academy of Family Physicians.

Program acceptable for two hours credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for two Category 1 credit hours by the American College of Emergency Physicians.

Sunday, November 12, 2:00-5:00 p.m.

Georgia World Congress Center
Exhibit Hall-Room 102

SESSION #14

Postgraduate Course On

**MEDICAL OTOLARYNGOLOGY: CURRENT CONCEPTS IN
THE TREATMENT OF COMMON DISORDERS**

Course Director:

ROBERT L. BALDWIN,
Birmingham, Ala.

Course #13

Fee: \$30

For registration information, see page 11.

Faculty:

ROBERT L. BALDWIN,
Birmingham, Ala.

VINCENT J. CARUSO,
Beaumont, Tex.

DENNIS G. PAPPAS,
Birmingham, Ala.

JULIUS N. HICKS,
Birmingham, Ala.

This course is designed for both the otolaryngologist and the non-otolaryngologist. Common problems encountered in everyday prac-

tice have been selected as topics for discussion. The objective of each lecture will be to familiarize practicing physicians with the current therapy of these problems. A panel to answer questions from the audience will be held at the conclusion of this course.

2:00 p.m.

INFECTIOUS DISEASES

VINCENT J. CARUSO
Beaumont, Tex.
ROBERT L. BALDWIN
Birmingham, Ala.

3:00 p.m.

VERTIGO

VINCENT J. CARUSO
Beaumont, Tex.
DENNIS G. PAPPAS
Birmingham, Ala.

4:00 p.m.

ALLERGY OF THE UPPER RESPIRATORY TRACT

JULIUS N. HICKS
Birmingham, Ala.

4:40 p.m.

PANEL DISCUSSION, QUESTIONS AND ANSWERS

Program is acceptable for three Prescribed hours by the American Academy of Family Physicians.

Program acceptable for three hours credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for three Category 1 credit hours by the American College of Emergency Physicians.

Monday, November 13, 9:00 a.m.-5:00 p.m.

Georgia World Congress Center
Room 201

SESSION #15

**Postgraduate Course On
PEDIATRIC UROLOGY**

Course Director:

MICHAEL P. SMALL,
Miami Lakes, Fla.

Course #14

Fee: \$60

For registration information, see page 11.

Faculty:

MICHAEL P. SMALL,
Miami Lakes, Fla.

SAMUEL S. AMBROSE, JR.,
Atlanta, Ga.

VICTOR BRAREN,
Nashville, Tenn.

MARTIN M. DeBEUKELAER,
Charleston, S.C.

JOSEPH A. LaNASA, JR.,
New Orleans, La.

RAYMOND W. TURNER,
Shreveport, La.

ROY WITHERINGTON,
Augusta, Ga.

JOHN R. WOODARD,
Atlanta, Ga.

9:00 a.m.

WELCOME

9:15 a.m.

CALCULOUS DISEASE IN CHILDREN

RAYMOND W. TURNER
Shreveport, La.

9:35 a.m.

MANAGEMENT OF NON-MALIGNANT SCROTAL MASSES IN CHILDREN

JOSEPH A. LaNASA, JR.
New Orleans, La.

9:55 a.m.

THE SPECTRUM OF URETEROCELE

ROY WITHERINGTON
Augusta, Ga.

10:15 a.m.

PERSISTENT AND RECURRENT HEMATURIA IN CHILDHOOD—A PEDIATRIC NEPHROLOGIST'S POINT OF VIEW

MARTIN M. DeBEUKELAER
Charleston, S.C.

10:35 a.m.

COFFEE BREAK—VISIT EXHIBITS

10:50 a.m.

THE NEWBORN WITH AMBIGUOUS GENITALIA

JOHN R. WOODARD
Atlanta, Ga.

11:10 a.m.

PANEL DISCUSSION

Moderator:

MICHAEL P. SMALL,
Miami Lakes, Fla.

Panelists:

RAYMOND W. TURNER,
Shreveport, La.

JOSEPH A. LaNASA, JR.,
New Orleans, La.

ROY WITHERINGTON,
Augusta, Ga.

MARTIN DeBEUKELAER,
Charleston, S.C.

JOHN R. WOODARD,
Atlanta, Ga.

Monday, November 13, 2:00 p.m.

Georgia World Congress Center
Room 201

1:30 p.m.

**THE ETIOLOGY OF THE SMALL KIDNEY IN REFLUX—IS THIS
DYSPLASIA?**

SAMUEL S. AMBROSE
Atlanta, Ga.

1:50 p.m.

**THE NON-SURGICAL MANAGEMENT OF VESICoureTERAL
REFLUX—THE PEDIATRICIAN'S POINT OF VIEW**

MARTIN M. DeBEUKELAER
Charleston, S.C.

2:10 p.m.

**PITFALLS IN THE MANAGEMENT OF VESICoureTERAL RE-
FLUX**

VICTOR BRAREN
Nashville, Tenn.

2:30 p.m.

**ALTERNATIVES TO ILEAL CONDUIT URINARY DIVERSION IN
CHILDREN**

MICHAEL P. SMALL
Miami, Fla.

2:50 p.m.

**HYPOSPADIAS REPAIR—EMPHASIS ON DENIS-BROWNE
TECHNIQUE**

ROY WITHERINGTON
Augusta, Ga.

3:10 p.m.

COFFEE BREAK—VISIT EXHIBITS

3:25 p.m.

**FERTILITY POTENTIAL IN CHILDREN WITH UNDESCENDED
TESTES**

JOSEPH A. LaNASA
New Orleans, La.

3:45 p.m.

PANEL DISCUSSION

Moderator:

MICHAEL P. SMALL,
Miami Lakes, Fla.

Panelists:

SAMUEL S. AMBROSE,
Atlanta, Ga.

MARTIN M. DeBEUKELAER,
Charleston, S.C.

VICTOR BRAREN,
Nashville, Tenn.

ROY WITHERINGTON,
Augusta, Ga.

JOSEPH A. LaNASA,
New Orleans, La.

Program is acceptable for six Elective hours by the American Academy of Family Physicians.

Program acceptable for six hours credit in Category I of the American Medical Association's Physician's Recognition Award.

Monday, November 13, 9:00 a.m.-5:00 p.m.

Georgia World Congress Center
Room 204

SESSION #16

Postgraduate Course On

DERMATOLOGY FOR THE NON-DERMATOLOGIST

Course Director:

FRANKLIN S. GLICKMAN,
Brooklyn, N.Y.

Course #15

Fee: \$60

For registration information, see page 11.

Faculty:

FRANKLIN S. GLICKMAN,
Brooklyn, N.Y.

WILMA F. BERGFELD,
Cleveland, Ohio

HARRY PARISER,
Norfolk, Va.

FERNANDO BOTERO,
Tampa, Fla.

This course emphasizes practical aspects of office dermatology for the non-dermatologist, including the diagnosis and treatment of common skin diseases, cutaneous signs of systemic disease and new advances in dermatology. The format includes in-depth and short presentations, panel discussions and questions from the audience.

Program is acceptable for six Prescribed hours by the American Academy of Family Physicians.

Program acceptable for six hours credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for six Category 1 credit hours by the American College of Emergency Physicians.

Monday, November 13, 1:00-5:00 p.m.

Georgia World Congress Center
Room 200

SESSION #17

**Postgraduate Course on
PEDIATRIC DERMATOLOGY**

Course Director:

GUINTER KAHN,
North Miami Beach, Fla.

Course #16

Fee: \$40

For registration information, see page 11.

Faculty:

GUINTER KAHN,
North Miami Beach, Fla.

ISAAC WILLIS,
Atlanta, Ga.

ANDRE J. NAHMIAS,
Atlanta, Ga.

HENRY E. JONES,
Atlanta, Ga.

The objectives of this course will be to bring new, updated and useful information to the active practitioner in the area of skin diseases of children, infants and adolescents.

1:00 p.m.

HEMANGIOMAS—NEW IDEAS, THOUGHTS, THERAPIES

GUINTER KAHN
North Miami Beach, Fla.

**PIGMENTARY AND LIGHT-INDUCED ERUPTIONS OF THE SKIN
OF CHILDREN**

ISAAC WILLIS
Atlanta, Ga.

**THE DIAGNOSIS AND TREATMENT OF VIRAL DISEASES OF
THE SKIN OF CHILDREN**

ANDRE J. NAHMIAS
Atlanta, Ga.

**THE TREATMENT AND DIAGNOSIS OF BACTERIAL AND
FUNGAL DISEASES OF THE SKIN OF CHILDREN**

HENRY E. JONES
Atlanta, Ga.

**Program is acceptable for four Prescribed hours by the American
Academy of Family Physicians.**

**Program acceptable for four hours credit in Category I of the
American Medical Association's Physician's Recognition
Award.**

**Program is acceptable for four Category 1 credit hours by the
American College of Emergency Physicians.**

FIRST GENERAL SESSION

Saturday, November 11, 11:00 a.m.

Peachtree Plaza Hotel
Spanish/Georgian Room

CALL TO ORDER

—PRESIDENTIAL ADDRESS

ANDREW F. GIESEN, JR.
Fort Walton Beach, Fla.
President,
Southern Medical Association,
1977-78

REPORT OF THE COUNCIL:

Summary of Council Actions
Proposed Changes to the
Constitution and Bylaws
Report of the Nominating Committee

J. RALPH MEIER
New Orleans, La.
Chairman of the Council,
Southern Medical Association

ELECTION OF OFFICERS AND INSTALLATION OF PRESIDENT FOR 1978-79

ANDREW F. GIESEN, JR.
Fort Walton Beach, Fla.

ANNOUNCEMENTS AND ADJOURNMENT

MEDICAL ASSOCIATION OF GEORGIA LUNCHEON AND ABNER W. CALHOUN LECTURE

Tickets, \$8.50 each, may be obtained in the registration area.

Saturday, November 11, 12:00 noon

Georgia World Congress Center
Exhibit Hall-Room 100

WELCOME:

E. NAPIER BURSON, JR.,
Atlanta
Chairman, 1978 Scientific Assembly

INVOCATION:

REV. FRANK WEATHERSBY
Chaplain, Georgia Baptist Medical Center,
Atlanta

LUNCH

INTRODUCTION:

CARSON B. BURGSTINER,
Savannah
President, Medical Association of Georgia

1978 ABNER W. CALHOUN LECTURE:

**"1984: Nightmare or Utopia
for Medical Education?"**

C. H. WILLIAM RUHE,
Senior Vice President,
American Medical Association

Dr. Ruhe has been for the past two decades one of the leading shapers of medical education in the United States. Continuing a 50-year tradition of outstanding Calhoun lecturers, Dr. Ruhe will predict some striking changes in the way tomorrow's physicians are trained and credentialed.

PRESIDENT'S NIGHT

Tickets, \$20.00 each, may be obtained in the registration area, prior to Sunday, November 12, 12:00 noon.

Sunday, November 12

Peachtree Plaza Hotel

Peachtree Ballroom

6:30 p.m.

Hospitality Hour

7:30 p.m.

Annual Dinner Dance

ANDREW F. GIESEN, JR.

Fort Walton Beach, Fla.

President,

Southern Medical Association,

1977-78

WELCOME

E. NAPIER BURSON, JR.

Atlanta, Ga.

General Chairman on Arrangements

INVOCATION

DR. MONROE F. SWILLEY

Vice President, Mercy Hospital

Atlanta, Ga.

INTRODUCTIONS

E. NAPIER BURSON, JR.

Atlanta, Ga.

ENTERTAINMENT

FERRANTE & TEICHER

MUSIC FOR DANCING UNTIL

11:30 p.m.

SECOND GENERAL SESSION

PRESIDENT'S—DOCTORS' DAY AWARDS LUNCHEON

Tickets, \$9.00 each, may be obtained in the registration area prior to Monday, November 13, 10:00 a.m.

Monday, November 13, 12:15 p.m.

Georgia World Congress Center
Exhibit Hall-Room 100

CALL TO ORDER

ANDREW F. GIESEN, JR.
Fort Walton Beach, Fla.
President,
Southern Medical Association,
1977-78

INVOCATION

FATHER JAMES CUMMINGS
Chaplain, St. Joseph's Hospital
Atlanta, Ga.

WELCOME

E. NAPIER BURSON, JR.
Atlanta, Ga.
General Chairman on Arrangements

SCIENTIFIC EXHIBIT AWARDS AND C. P. LORANZ TECHNICAL EXHIBIT AWARD

ANDREW F. GIESEN, JR.
Fort Walton Beach, Fla.

SPECIAL AWARDS

**Original Research Award
Distinguished Service Award**

G. BAKER HUBBARD, SR.
Jackson, Tenn.
Chairman,
Committee on Special Awards

PRESENTATION OF CERTIFICATE OF APPRECIATION TO PRESIDENT, WOMAN'S AUXILIARY TO THE SOUTHERN MEDICAL ASSOCIATION—MRS. M. BRUCE MARTIN, Huntington, W. Va.

ANDREW F. GIESEN, JR.
Fort Walton Beach, Fla.

PRESENTATION OF PAST PRESIDENT'S MEDAL AND CERTIFICATE OF APPRECIATION

THOMAS B. DAMERON, JR.
Raleigh, N.C.
President,
Southern Medical Association,
1978-79

ADDRESS BY GUEST SPEAKER

ART BUCHWALD

ANNOUNCEMENTS AND ADJOURNMENT

SCIENTIFIC SESSIONS

SECTION ON ALLERGY

Co-sponsored by the Allergy and Immunology Society of Georgia

OFFICERS

Chairman	GERALD VANDERPOOL, Atlanta, Ga.
Chairman-Elect	ROBERT E. SMITH, Houston, Tex.
Secretary	RUFUS E. LEE, JR., Dothan, Ala.
Secretary-Elect	GEORGE BRASHER, Temple, Tex.
MAG Program Chairman	DONALD C. McLEAN, Atlanta, Ga.
Guest Speakers	OSCAR L. FRICK, San Francisco, Calif. SAM R. MARNEY, Nashville, Tenn.

Monday, November 13, 2:00 p.m.

Georgia World Congress Center
Room 205

**SESSION
#18**

2:00 p.m.

NEW MEDICATIONS IN PEDIATRIC ALLERGIES

OSCAR L. FRICK
San Francisco, Calif.

3:00 p.m.

PROS AND CONS OF INSECT ALLERGY AND TREATMENT

R. FASER TRIPLETT
Jackson, Miss.

The use of venom extracts has added a new dimension to the diagnosis and treatment of Hymenoptera insect stings (including the imported fire ant). A review of current knowledge and an update of theories and controversy will be made on a subject of vital interest to all physicians.

3:20 p.m.

INTERMISSION—VISIT EXHIBITS

3:50 p.m.

BRONCHODILATORS—NEWER ASPECTS

LLOYD V. CRAWFORD, JR.
Memphis, Tenn.

Many new sympathomimetic amines (Beta₂ agonist) and other bronchodilators are under investigation for the treatment of asthma. Discussion will involve current theories and suggested usage.

4:15 p.m.

PROSTAGLANDINS: CELLULAR PRODUCTS WITH EVER-EXPANDING REGULATORY FUNCTIONS

SAM R. MARNEY, JR., L. DAN ELLISTON,
JURGEN C. FROLICH, ROGER M. DES PREZ,
L. JACKSON ROBERTS, and JOHN A. OATES
Nashville, Tenn.

Presentation by Dr. Marney

Numerous body cells, in response to immunological, inflammatory and physical stimuli, enzymatically convert arachidonic acid, a 22-carbon fatty acid, into an array of prostaglandins with both local and distant actions. Demonstrated functions include mediation of pain and fever, smooth muscle contraction, regulation of histamine release and antibody regulation.

4:40 p.m.

ROUND TABLE DISCUSSION AND QUESTIONS FROM THE AUDIENCE

OSCAR L. FRICK
San Francisco, Calif.
R. FASER TRIPLET
Jackson, Miss.
LLOYD V. CRAWFORD, JR.
Memphis, Tenn.
SAM R. MARNEY, JR.
Nashville, Tenn.

Monday, November 13, 7:00 p.m.

Omni International Hotel

Reception for members, wives and guests of the Section on Allergy.
Gerald Vanderpool, M.D., Atlanta, Ga., local host.

Tuesday, November 14, 9:00 a.m.

Georgia World Congress Center
Room 205

SESSION #19

9:00 a.m.

CLINICAL CONSIDERATIONS OF PROSTAGLANDINS

SAM R. MARNEY, JR., L. DAN ELLISTON,
JURGEN C. FROLICH, ROGER M. DES PREZ,
L. JACKSON ROBERTS, and JOHN A. OATES
Nashville, Tenn.

Presentation by Dr. Marney

Clinicians have administered prostaglandins as an abortifacient, and researchers have administered prostaglandin E as a bronchodilator. The inhibition of prostaglandin production has been employed to control diarrhea associated with medullary carcinoma of the thyroid. Advances in analytical methodology have stimulated a search for prostaglandins in asthma and other immunological diseases.

10:00 a.m.

FOODS AS CAUSES OF INHALANT ALLERGY

DONALD C. McLEAN
Atlanta, Ga.

Foods may cause serious and even life-threatening reactions when encountered as inhalants. Several illustrative cases will be presented and the literature briefly reviewed. Skin testing, RAST and clinical implications will be discussed.

10:20 a.m.

INTERMISSION

10:50 a.m.

URTICARIA AND ANGIOEDEMA, A PRACTICAL APPROACH

STANLEY M. FINEMAN
Marietta, Ga.

The perplexing problem of urticaria and angioedema is frequently frustrating for both the physician and patient. A systematic, rational approach to the differential diagnosis of these disorders will be discussed. Studies evaluating the incidence of various etiologies will be reviewed.

11:10 a.m.

ROUND TABLE DISCUSSION AND QUESTIONS FROM THE AUDIENCE

OSCAR L. FRICK
San Francisco, Calif.
SAM R. MARNEY, JR.
Nashville, Tenn.
DONALD C. McLEAN
Atlanta, Ga.
STANLEY M. FINEMAN
Marietta Ga.

11:30 a.m.

BUSINESS MEETING, SECTION ON ALLERGY

Program is acceptable for 5.5 Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for six Category 1 credit hours by the American College of Emergency Physicians.

SECTION ON ANESTHESIOLOGY

Co-sponsored by the Georgia Society of Anesthesiologists OFFICERS

Chairman	J. G. REVES, Birmingham, Ala.
Chairman-Elect	DOLA S. THOMPSON, Little Rock, Ark.
Secretary	RICHARD ZEPERNICK, New Orleans, La.
MAG Program Chairman	D. C. FINLAYSON, Atlanta, Ga.
Guest Speaker	JOHN DOWNS, Gainesville, Fla.

Saturday, November 11, 6:00 p.m.

Peachtree Plaza Hotel
Tower Suite #7

Reception for members, wives and guests of the Section on Anesthesiology.

Sunday, November 12, 9:00 a.m.

Georgia World Congress Center
Room 210

**SESSION
#20**

J. G. REVES, Chairman,
Birmingham, Ala., presiding

9:00 a.m.

LARYNGEAL PAPILLOMATOSIS—ANESTHETIC MANAGEMENT

JOHN E. FORESTNER, MR. SCOTT A. McCRAW,
and PATRICIA F. NORMAN
Jackson, Miss.

Presentation by Dr. Forestner

9:25 a.m.

LOW DOSE KETAMINE: ANESTHETIC FOR GENERAL SURGERY

CLIFFORD HOLCOMB and AHMAD NASSERIAN
Birmingham, Ala.

Presentation by Dr. Holcomb

Undesirable circulatory and psychotomimetic effects of ketamine can be reduced to a minimum or may be virtually abolished by reducing the dosage of ketamine while still retaining adequate analgesia. A study of 50 patients will be presented.

9:50 a.m.

THIAMYLAL INDUCTION OF ANESTHESIA AND SUBSEQUENT BLOOD LEVELS

DAVID. L. CARLISLE, DOLA S. THOMPSON,
NOEL W. LAWSON, and ASTRIDE B. SEIFEN
Little Rock, Ark.

Presentation by Dr. Carlisle

10:15 a.m.

ALKALOSIS COMPLICATING ACUTE RESPIRATORY FAILURE

T. JAMES GALLAGHER
Miami, Fla.

Reduction of metabolic alkalosis with carbonic anhydrase inhibitors

was undertaken in a group treated for acute respiratory failure. As a result, P_{CO_2} returned to normal values and weaning from ventilatory support was hastened. In addition, hypercapnia was verified as a physiologic response to metabolic alkalosis.

10:40 a.m.

INTERMISSION—VISIT EXHIBITS

11:10 a.m.

CURRENT CONCEPTS IN RESPIRATORY CARE

JOHN DOWNS
Gainesville, Fla.

Guest Speaker
Section on Anesthesiology

The indication for respiratory assistance and prolonged ventilatory care will be presented. There will be major attention devoted to the physiologic changes associated with controlled ventilation. The indications, advantages and disadvantages of such treatment modalities, as continuous positive pressure ventilation and intermittent mandatory ventilation, will be discussed in detail.

12:10 p.m.

THE ANESTHESIOLOGIST AND THE DYING PATIENT

FRANK GUERRA
Denver, Colo.

12:35 p.m.

ACTUAL PULMONARY EDEMA DURING TRANSURETHRAL RESECTION OF THE PROSTATE ELECTIVELY MANAGED UNDER SPINAL ANESTHESIA WITH SWAN GANZ CATHETER MONITORING

H. RONALD VINIK
Birmingham, Ala.

Fluid management of the patient undergoing transurethral resection of the prostate (TURP) is a common problem intra and postoperatively. A case of a 66 year old patient in end stage cardiac failure, due to long-standing aortic incompetence, developing acute obstructive uropathy, requiring TURP immediately prior to scheduled corrective cardiac surgery will be presented.

1:00 p.m.

ANESTHETIC CONSIDERATIONS IN SURGERY FOR MASSIVE ASCITES: PERITONEAL-JUGULAR SHUNTS

CHARLES T. WALLACE, J. DAVID BAKER, III
and JAMES E. COOKE
Charleston, S.C.

Presentation by Dr. Wallace

Surgical treatment of patients with massive ascites has increased markedly in the past few years. Case reports will be presented to illustrate problems in anesthetic management—volume status, recurrent laryngeal nerve damage, threat of venous air embolism, and hepatotoxicity.

Monday, November 13, 9:00 a.m.

Georgia World Congress Center
Room 211

SESSION #21

DOLA S. THOMPSON, Chairman-Elect,
Little Rock, Ark., presiding

9:00 a.m.

PANCURONIUM IN AORTIC INJURIES

CHARLES M. CHRISTIAN, MICHAEL BERGER,
M. NARAGHI, and JOHN ADRIANI
New Orleans, La.

Presentation by Dr. Christian

Pancuronium, a nondepolarizing muscle relaxant, normally thought of as supportive to the cardiovascular system, has been found to be associated with hypotension and, occasionally, cardiovascular collapse in patients with traumatic puncture of the aorta. Case histories will be reviewed, and animal studies will be reported.

9:25 a.m.

**APPLICATION OF A COMPUTERIZED CARDIORESPIRATORY
PROFILE PROGRAM IN THE CARE OF CRITICALLY ILL
PATIENTS**

JOHN J. RICK
Morgantown, W. Va.

The author will emphasize the practical application of a computerized patient profile program for the rapid assessment of cardiorespiratory function in the critically ill patient. How to utilize such information for institution and on-going evaluation therapy will be demonstrated by presentation of selected case studies. The implementation of this type of program by means of a small "hand-held" computer will also be discussed.

9:50 a.m.

CLONUS DURING NORMOCAPNIC ENFLURANE ANESTHESIA

JAMES H. DIAZ and BINGUMAL R. MANAWADU
Denver, Colo.

Presentation by Dr. Diaz

Enflurane anesthesia has been associated with spontaneous muscle twitching and tonic clonic movements with the appearance of seizure patterns on the electroencephalogram. Two cases will be presented in which direct correlations are made between sustained clonus, a well recognized sign of neurologic hyperactivity and hyperreflexia and low depth, normocapnic enflurane anesthesia without the concomitant use of long-acting muscle relaxants.

10:15 a.m.

**HEART AND THORACIC VASCULAR INJURIES—ANESTHETIC
CONSIDERATIONS**

THOMAS J. HERRIN, REYNALDO RODRIGUEZ,
and JOHN V. RICHEY
Jackson, Miss.

Presentation by Dr. Herrin

10:40 a.m.

INTERMISSION—VISIT EXHIBITS

11:10 a.m.

MIDAZOLAM: A NEW INTRAVENOUS ANESTHETIC AGENT

J. G. REVES
Birmingham, Ala.

Chairman
Section on Anesthesiology

Midazolam is a newly synthesized water soluble anesthetic induction agent. The comparison of midazolam with diazepam and thiopental will be made. Advantages and disadvantages of the new drug will be discussed.

11:35 a.m.

DOES METHYLMETHACRYLATE CEMENT APPLICATION ALTER INTRAPULMONARY SHUNT?

JOHN M. GOODING, MR. ROBERT A. SMITH,
and JEN-TSHOH WENG
New Orleans, La.

Presentation by Dr. Gooding

12:00 noon

STUDY OF HEMODYNAMICS DURING ANESTHETIC INDUCTION IN PATIENTS FOR CARDIAC SURGERY

PAUL N. SAMUELSON, W. A. LELL
and N. T. KOUCHOUKOS
Birmingham, Ala.

Presentation by Dr. Samuelson

The experience at the University of Alabama Medical Center during the past few years with cardiac anesthesia utilizing a technique of anesthetic induction with diazepam, nitrous oxide and pancuronium has proved to be efficacious and appeared to minimally disturb hemodynamics. This presentation will document the hemodynamic changes which have occurred during the period of anesthetic induction including orotracheal intubation.

12:25 p.m.

AURICULOTEMPORAL NERVE SYNDROME—ITS OCCURRENCE AND TREATMENT IN COMBINED MODALITY CANCER PATIENTS

SUSAN HANOWELL, DAVID ERIC LEES,
and THOMAS E. MacNAMARA
Washington, D.C.

Presentation by Dr. Hanowell

Auriculotemporal nerve syndrome is a frequent occurrence in the combined surgical-radiotherapy approach to head and neck cancer. It is often misdiagnosed, but in spite of the gross distortion of the landmarks, therapeutic nerve blocks are easily performed. The experience of the anesthesiology pain service will be presented.

1:00 p.m.

EFFECTS OF VASODILATORS IN THE PULMONARY CIRCULATION AFTER ASPIRATION PNEUMONITIS

TERVEL deCAMPO
Denver, Colo.

1:25 p.m.

**BUSINESS MEETING,
SECTION ON ANESTHESIOLOGY**

Program is acceptable for 8.5 Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category 1 of the American Medical Association's Physician's Recognition Award.

SECTION ON CHEST DISEASES

Co-sponsored by the Georgia Thoracic Society
and American College of Chest Physicians, Southern Chapter

OFFICERS

Chairman	RUSSELL C. KLEIN, New Orleans, La.
Chairman-Elect	G. DANIEL COPELAND, Memphis, Tenn.
Vice-Chairman	HANS-KARL STAUSS, Jackson, Miss.
Secretary	JOSEPH W. RUBIN, Augusta, Ga.
MAG Program Chairman	C. NEIL KELLEY, Gainesville, Ga.
Guest Speaker	JOSEPH M. CIVETTA, Miami, Fla.
Paul A. Turner Lecturer	RAYMOND F. CORPE, Rome, Ga.

Saturday, November 11, 9:00 a.m.

Georgia World Congress Center
Room 205

SESSION #22

SYMPOSIUM ON ANAEROBIC INFECTIONS OF THE LUNG

Moderator:

G. DANIEL COPELAND
Memphis, Tenn.

9:00 a.m.

CLINICAL PRESENTATION

RUSSELL C. KLEIN
New Orleans, La.

9:15 a.m.

BACTERIOLOGIC FINDINGS

CHARLES V. SANDERS
New Orleans, La.

9:30 a.m.

RADIOGRAPHIC AND BRONCHOSCOPIC FINDINGS

EWING W. COOK, JR.
Trenton, N.J.

9:45 a.m.

ANTIBIOTIC THERAPY

CHARLES V. SANDERS
New Orleans, La.

10:00 a.m.

DRAINAGE PROCEDURES AND SURGICAL INTERVENTION

EWING W. COOK, JR.
Trenton, N.J.

10:15 a.m.

PANEL DISCUSSION

Moderator:

RUSSELL C. KLEIN,
New Orleans, La.

Panelists:

EWING W. COOK, JR.,
Trenton, N.J.

CHARLES V. SANDERS,
New Orleans, La.

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

**LONG-TERM FOLLOW-UP OF GROUP III ATYPICAL
TUBERCULOSIS**

RAYMOND F. CORPE
Rome, Ga.

Paul A. Turner Lecturer

12:00 noon

**BUSINESS MEETING,
SECTION ON CHEST DISEASES
AND SOUTHERN CHAPTER, ACCP**

Saturday, November 11, 2:00 p.m.

Georgia World Congress Center
Room 210

**A Joint Meeting of the Section on
Medicine
and the
Georgia Thoracic Society**

For complete program, see page 77.

Saturday, November 11, 6:00 p.m.

Peachtree Plaza Hotel
American Room

Reception for members, wives and guests of the Section on Chest Diseases, honoring Raymond F. Corpe, Paul A. Turner Lecturer, and Joseph M. Civetta, Guest Speaker.

Sunday, November 12, 9:00 a.m.

Georgia World Congress Center
Room 205

RUSSELL C. KLEIN, Chairman,
New Orleans, La., presiding

**SESSION
#23**

9:00 a.m.

BLUNT TRAUMA INJURY OF THORACIC AORTA

JOEL E. AVERY, JESSE E. ADAMS,
DAVID P. HALL and JAMES R. HEADRICK
Chattanooga, Tenn.

Presentation by Dr. Avery

9:15 a.m.

EXERCISE TESTING IN CLINICAL PRACTICE: HOW USEFUL IS IT?

ARTHUR J. MERRILL, JR., and LESLIE SWAIN
Atlanta, Ga.

Presentation by Dr. Merrill

9:30 a.m.

MULTIPLE CORONARY BYPASS GRAFTING: CURRENT MORTALITY AND MORBIDITY

G. LIONEL ZUMBRO, JR., MALCOLM E. FISHBACK,
C. SHEARER and RONALD F. GALLOWAY
Augusta, Ga.

Presentation by Dr. Zumbro

9:45 a.m.

ROLE OF SPUTUM CYTOLOGY IN DIAGNOSIS AND MANAGEMENT OF LUNG CANCER

F. L. KOROMPAI
and R. H. HAYWARD
Temple, Tex.

10:00 a.m.

THORACOSCOPY AND TALC POUDRAGE FOR MALIGNANT PLEURAL EFFUSION

EUGENE B. ROSENBERG, W. BROOKS EMORY,
PAUL T. DeCAMP, JAMES W. JONES
and A. JUDSON TILLINGHAST
New Orleans, La.

Presentation by Dr. Rosenberg

10:15 a.m.

ROLE OF MEDIASTINOSCOPY IN THE EVALUATION OF PERIPHERAL LUNG CANCER

JOHN G. BURFORD, ALBERT E. ALEXANDER, JR.,
LEX HUBBARD, STEPHEN G. JENKINSON
and RONALD B. GEORGE
Shreveport, La.

Presentation by Dr. Burford

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

ADULT RESPIRATORY DISTRESS SYNDROME

JOSEPH M. CIVETTA
Miami, Fla.

Guest Speaker
Section on Chest Diseases

Sunday, November 12, 2:00 p.m.

Georgia World Congress Center
Room 205

SESSION
#24

G. DANIEL COPELAND, Chairman-Elect,
Memphis, Tenn., presiding

2:00 p.m.

A REVIEW OF THE DETERMINANTS OF CLOSING VOLUME

FREDERICK R. BODE
Kessler AFB, Miss.

2:15 p.m.

EFFECT OF LIDOCAINE ANESTHESIA ON PATTERN OF VENTILATION AND PULMONARY FUNCTION TESTS

BASHIR A. CHAUDHARY and WILLIAM A. SPEIR, JR.
Augusta, Ga.

Presentation by Dr. Chaudhary

2:30 p.m.

THE SIGNIFICANCE OF COMMONLY USED SMALL AIRWAYS TESTS IN YOUNG HEALTHY CIGARETTE SMOKERS

G. N. HARRISON, G. R. MOOR,
S. L. MOHLER, R. C. KOLBECK
and WILLIAM A. SPEIR, JR.
Augusta, Ga.

Presentation by Dr. Harrison

2:45 p.m.

THE DIAGNOSIS OF NONMALIGNANT LUNG DISEASE BY TRANSBRONCHIAL LUNG BIOPSY

CASH R. BEECHLER, STEVEN R. SMITH,
ROBERT G. HOOPER and CLAUDE J. TELLIS
El Paso, Tex.

Presentation by Dr. Beechler

3:00 p.m.

THORACOPLASTY IN MODERN PRACTICE

JOEL A. TOBIAS and PETER V. MOULDER, JR.
Gainesville, Fla.

Presentation by Dr. Moulder

3:15 p.m.

INTERMISSION—VISIT EXHIBITS

3:45 p.m.

EXPERIENCES IN THE TREATMENT OF 15 PATIENTS WITH SYMPTOMATIC LOWER ESOPHAGEAL RING

CHARLES E. EASTRIDGE, GEORGE FARRELL,
JORGE SALAZAR and JAMES W. PATE
Memphis, Tenn.

Presentation by Dr. Eastridge

4:00 p.m.

HOSPITAL AUDIT—ACTIVE PULMONARY TUBERCULOSIS IN A COMMUNITY HOSPITAL

W. B. HUNT, JR.
New Bern, N.C.

4:15 p.m.

**HISTOPLASMOSIS: CLINICAL MANIFESTATIONS AND
SURGICAL MANAGEMENT**

SIBU P. SAHA, PORTER MAYO,
GRAYDON A. LONG and JOHN E. MYERS
Lexington, Ky.

Presentation by Dr. Saha

**Program is acceptable for 8.5 Elective hours by the American
Academy of Family Physicians.**

**Program acceptable for hour-for-hour credit in Category I of the
American Medical Association's Physician's Recognition
Award.**

SECTION ON COLON AND RECTAL SURGERY

OFFICERS

Chairman	E. EARL PENNINGTON, Atlanta, Ga.
Vice-Chairman	W. ANDREW HIBBERT, JR., Austin, Tex.
Secretary	J. BYRON GATHRIGHT, New Orleans, La.
Secretary-Elect	C. THOMAS SIMONTON, Dallas, Tex.
Guest Speaker	ALEJANDRO F. CASTRO, Rockville, Md.

Monday, November 13, 2:00 p.m.

Georgia World Congress Center
Room 207

**SESSION
#25**

2:00 p.m.

SURGERY FOR PILONIDAL DISEASE—A SIMPLIFIED APPROACH

W. ANDREW HIBBERT
Austin, Tex.

2:15 p.m.

CONDYLOMA ACCUMINATA AND BOWEN'S DISEASE OF THE ANUS

JOHN J. O'CONNOR
Washington, D.C.

2:30 p.m.

POST-OPERATIVE ANORECTAL BLEEDING

EMMET FERGUSON, JR.
Jacksonville, Fla.

2:45 p.m.

ACUTE PILONIDAL ABSCESS: DEFINITIVE OUTPATIENT MANAGEMENT

PATRICK H. HANLEY
New Orleans, La.

3:00 p.m.

INTERMISSION—VISIT EXHIBITS

3:30 p.m.

TRANSIENT BACTEREMIA FOLLOWING HEMORRHOIDECTOMY

ROBERTA FRIDMAN
Miami, Fla.

3:45 p.m.

NON-OPERATIVE MANAGEMENT OF PROVEN COLONOSCOPIC PERFORATION

LYNN BAIRD, GENE W. SLAGLE
and H. WHITNEY BOGGS, JR.
Shreveport, La.

Presentation by Dr. Baird

4:00 p.m.

COLORECTAL CARCINOMA IN PATIENTS BELOW AGE 40

H. RANDOLPH BAILEY
Houston, Tex.

4:15 p.m.

THE REAPPRAISAL OF THE PROBLEM OF POLYPS OF THE COLON

ALEJANDRO F. CASTRO
Rockville, Md.

4:45 p.m.

USE OF THE END TO END STAPLING DEVICE IN COLON SURGERY

E. EARL PENNINGTON
and OSCAR M. GRABLOWSKY
Atlanta, Ga.

M. FELTON HAGOOD
Marrietta, Ga.

Presentation by Dr. Pennington

5:00 p.m.

**BUSINESS MEETING,
SECTION ON COLON AND RECTAL SURGERY**

Program acceptable for 2.5 Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

SECTION ON DERMATOLOGY

Co-sponsored by the
Atlanta Dermatological Society

OFFICERS

Chairman	HARRY M. ROBINSON, JR., Baltimore, Md.
Chairman-Elect	ROBERT G. FREEMAN, Dallas, Tex.
Vice-Chairman	PHILIP R. LORIA, JR., New Orleans, La.
Secretary	BEVERLY B. SANDERS, JR., Macon, Ga.
Secretary-Elect	DENNIS WEIGAND, Oklahoma City, Okla.
MAG Program Chairman	CHENAULT W. HAILEY, Atlanta, Ga.
Guest Speaker	DONALD J. BIRMINGHAM, Detroit, Mich.

Saturday, November 11, 9:00 a.m.

Georgia World Congress Center
Room 208

**SESSION
#26**

9:00 a.m.

OCCUPATIONAL DERMATOLOGY IN REVIEW—OLD, NEW AND UNUSUAL

DONALD J. BIRMINGHAM
Detroit, Mich.

Guest Speaker
Section on Dermatology

9:30 a.m.

ACRO-OSTEOLYSIS SECONDARY TO VINYL CHLORIDE EXPOSURE

MARVIN E. CHERNOSKY
Houston, Tex.

A worker was exposed to polyvinyl chloride symptoms of Reynaud's phenomenon, dermatitis, urticaria, scleroderma, acro-osteolysis, and relative impotency. Following treatment and removal from the chemical exposure, the signs and symptoms cleared except for an x-ray abnormality of the fingertip and a shortening of the digit seen on external examination.

9:35 a.m.

MINI-CASE ON OCCUPATIONAL DERMATOSIS

HENRY E. JONES
Atlanta, Ga.

9:50 a.m.

DISCUSSION ON OCCUPATIONAL DERMATOSIS PAPERS

10:00 a.m.

MUCHA-HABERMANN DISEASE IN CHILDREN: TREATMENT WITH ERYTHROMYCIN

JOEL S. SHAVIN, TERRY M. JONES,
JAMES K. ATON, DONALD C. ABELE,
and J. GRAHAM SMITH, JR.
Augusta, Ga.

Presentation by Dr. Shavin

Three cases of Mucha-Habermann disease in children will be reported. Treatment with systemic erythromycin was apparently effective in all cases. An anti-inflammatory mechanism for the effectiveness of erythromycin will be speculated.

10:10 a.m.

**THE USE OF IgE ANTIBODY DETERMINATIONS
IN DERMATOLOGY**

JOSEPH W. BURNETT
Baltimore, Md.

Total and allergen specific IgE levels are currently performed in many laboratories. Total IgE values are appropriate to follow the course of a disease. Allergen specific IgE serum concentrations can be used to diagnose specific immunological disease, as well as enable the physician to locate "susceptibles at risk" for drugs or envenomations.

10:20 a.m.

CUTANEOUS HORNS

LAFAYETTE G. OWEN
Louisville, Ky.

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

**CHEMOSURGERY OF BASAL AND SQUAMOUS CELL
CARCINOMA**

RICHARD G. BENNETT
Atlanta, Ga.

Basal and squamous cell carcinoma are locally aggressive neoplasms which spread along paths of least resistance. Recognition of areas in which these tumors may easily penetrate in depth or spread superficially is important in the management of these tumors. Specific indications for Mohs' surgery are outlined so that with selected patients the highest chance of cure will be obtained and yet the least amount of normal tissue will be sacrificed (thereby ultimately giving the patient the best possible cosmetic result).

11:15 a.m.

**THE RELATIONSHIP OF BOWEN'S AND NON-BOWEN'S IN SITU
SQUAMOUS CELL CARCINOMA OF THE SKIN TO INTERNAL
MALIGNANCY**

JEFFREY P. CALLEN
Louisville, Ky.

J. T. HEADINGTON
Ann Arbor, Mich.

Presentation by Dr. Callen

Bowen's disease has been reported to be associated with internal malignancy. Seventy-two cases of Bowen's in situ squamous cell carcinoma of the skin (SCC) were compared with 48 cases of non-Bowen's SCC. Internal malignancy was not more common with Bowen's SCC regardless of site. However, 5.7% of the total group were found to have a concurrent internal malignancy. This is higher than population data would predict (<1%). The authors believe that in situ SCC may be an important marker of internal malignancy.

11:25 a.m.

**TOPICAL TREATMENT FOR GRAM-NEGATIVE
SUPRAINFECTATION IN ACNE**

JOHN P. KINNEY and ROBERT FUNK
West Palm Beach, Fla.

Presentation by Dr. Kinney

The case of a 15 year old boy with acne and culture-proven *Pseudomonas aeruginosa* suprainfection was successfully treated with a topical aqueous gentamicin solution. Serum levels of gentamicin were detected but not in the toxic range. There were no abnormalities noted in the urinalysis or complete blood count.

11:35 a.m.

DISCUSSION PERIOD

11:45 a.m.

WARTS AND CANCER

BAHRAM SINA
Baltimore, Md.

Relationship of warts and cancer will be discussed. Several cases of warts diagnosed as squamous cell carcinoma will be presented. A brief discussion of verrucous carcinoma will be outlined.

12:00 noon

EXTRAMAMMARY PAGET'S DISEASE OF THE VULVA

WILLIAM PHILLIP GIBBS
Lynchburg, Va.

The author will discuss a case of a patient with extramammary Paget's disease. The patient was first seen in 1970 and treated with topical 5-fluorouracil, with eradication of the lesion. It was eradicated or clinically inapparent for seven years. It recurred and was biopsied and treated with excision, which unfortunately was inadequate to remove the entire lesion. At this time, the patient was found to have an epidermoid carcinoma in the right upper lung and was treated with pneumonectomy. Unfortunately, the patient did not survive the pneumonectomy. Clinical and pathological specimens will be shown.

12:10 p.m.

SEVERE ALLOPURINOL ERUPTIONS

BAYLOR W. KURTIS
Houston, Tex.

Allopurinol is capable of causing severe cutaneous hypersensitivity reactions which include exfoliative dermatitis, Stevens-Johnson syndrome and toxic epidermal necrolysis. These eruptions are, not infrequently, accompanied by an exacerbation of pre-existing kidney disease and death. A review of approximately ten cases will be presented.

12:20 p.m.

DISCUSSION PERIOD

12:30 p.m.

OUR ACADEMY IN 1978

REES B. REES, JR.
San Francisco, Calif.

Saturday, November 11, 2:00 p.m.

Georgia World Congress Center
Room 208

**SESSION
#27**

2:00 p.m.

REFLECTIONS OF A SENIOR DERMATOLOGIST

HARRY M. ROBINSON, JR.
Baltimore, Md.
Chairman
Section on Dermatology

Tyrophagus is a species of mite which lives on culture media and destroys stock cultures and any other specimens. It is apparently introduced into the laboratory in contaminated food. The organism, which is not pathogenic to man, is prolific and once it invades a laboratory is exceptionally difficult to eradicate.

2:15 p.m.

SKIN SIGNS OF IMMUNODEFICIENCY

HENRY E. JONES
Atlanta, Ga.

2:30 p.m.

PENICILLANASE-PRODUCING GONOCOCCI, SIGNIFICANCE AND MANAGEMENT

STEPHEN J. KRAUS
Atlanta, Ga.

Penicillinase-producing *Neisseria gonorrhoeae* (PPNG) pose a threat to the control of the gonorrhea epidemic. These gonococci were first detected about three years ago and now they have been reported from about half of the states. Control of PPNG will depend upon early detection, proper therapy and active epidemiologic investigation.

2:55 p.m.

ANTIPRURITIC EFFECTS OF NEUROLEPTICS AND HYDROXYZINE AGAINST HISTAMINE-INDUCED ITCH

A. J. ARNOLD, J. G. SIMPSON,
and HENRY E. JONES
Atlanta, Ga.

Presentation by Dr. Arnold

The study evaluates the ability of hydroxyzine and various neuroleptics to suppress pruritis induced by intradermal injection of histamine in humans. Previously reported effectiveness of hydroxyzine was confirmed. The neuroleptic drugs were found to be ineffective in itch suppression.

3:10 p.m.

LIFE-THREATENING REACTIONS TO ALLOPURINOL

PEARON G. LANG, JR.
Atlanta, Ga.

Over the past several years, the author has become acutely aware of the frequency of severe dermatological reactions to allopurinol. The characteristics of these patients, as well as the type of reactions, the course of the patients and the treatment modalities employed to care for these patients will be presented.

3:25 p.m.

DISCUSSION PERIOD

3:30 p.m.

INTERMISSION—VISIT EXHIBITS

4:00 p.m.

SPOROTRICHOID SKIN INFECTION WITH MYCOBACTERIUM CHELONEI

KENNETH E. GREER, GARY GROSS,
AND STEVE MARTENSEN
Charlottesville, Va.

Presentation by Dr. Greer

Mycobacterium chelonae is a rapid growing atypical *Mycobacterium* which occasionally is the cause of cutaneous infection, usually follow-

ing trauma or an injection. An elderly woman developed extensive cutaneous lesions in a sporotrichoid pattern with *Mycobacterium chelonae* without a preceding history of injury to the skin. She later developed disseminated skin lesions.

4:05 p.m.

EOSINOPHILIC CELLULITIS

KENNETH E. GREER and CLYDE NOLAN, JR.
Charlottesville, Va.

Presentation by Dr. Nolan

A patient with an unusual erythematous blistering dermatitis characterized by marked circulating tissue eosinophilia will be presented. The lesions cleared dramatically with sulfones but not with oral corticosteroids. The relationship of this disorder to other dermatological diseases with tissue eosinophilia will be discussed.

4:10 p.m.

SQUAMOUS CELL CARCINOMA OF THE GLANS PENIS: TREATMENT WITH MOHS' CHEMOSURGERY

RICARDO G. MORA
New Orleans, La.

The author will present a case report of a 54 year old white man with biopsy-proven squamous cell carcinoma of the glans penis. The tumor was eradicated with good functional and psychological results, utilizing Mohs' chemosurgery.

4:15 p.m.

DISCUSSION PERIOD

4:20 p.m.

KAPOSI'S SARCOMA OF THE FACE

DAVID GOE WELTON
Charlotte, N.C.

A white man, age 71, presented an eruption on the lower left cheek and left side of the chin, present three years with no previous treatment. Examination showed dark purple, grape-like tumors on a purple base. Excision biopsy of one of the nodular lesions showed Kaposi's sarcoma. Treatment and follow-up will be described.

4:25 p.m.

LYMPHANGIOMA CIRCUMSCRIPTUM INVOLVING ONE HALF OF THE TONGUE

RICHARD L. DeVILLEZ
New Braunfels, Tex.

Cases of lymphangioma circumscriptum involving the tongue are reported infrequently in the dermatologic literature. The author could find no previous case of unilateral involvement of the tongue with this tumor. This benign tumor was associated with few troublesome symptoms. No surgical treatment was recommended.

4:30 p.m.

SWEET'S SYNDROME: AN APPROACH TO DETERMINE ETIOLOGY

JACK DITTY
Atlanta, Ga.

A 63 year old white woman with a three year history of Sweet's Syndrome fulfilling all criteria was admitted to the Emory Clinical Research Unit for extensive immunological and chemotactic studies.

Chemotaxis by Rebuck skin window technique showed persistence of neutrophils as well as a lack of migration by monocytes and lymphocytes. Migration studies by cell chamber technique showed a quantitative increase in the number of neutrophils in the inflammatory response.

4:35 p.m.

MYCOSIS FUNGOIDES: SELECTIVE HISTOLOGIC AND IMMUNOLOGIC CORRELATES

GARY D. MONHEIT
Birmingham, Ala.

Fifteen patients with mycosis fungoides were investigated thoroughly to evaluate the extent of disease, immunologic competence, and correlations to skin biopsy patterns. Three categories of disease process were found: (1) a group with poor host T-cell function, many circulating mycosis cells and a sparse inflammatory response on skin biopsy; (2) a second group with normal host T-cell function, no circulating mycosis cells, and a dense polymorphic cellular infiltrate on skin biopsy; and (3) an intermediary group. These correlations may help prognosticate the disease course with a skin biopsy and a routine hematologic evaluation.

4:50 p.m.

DISCUSSION PERIOD

5:00 p.m.

**BUSINESS MEETING,
SECTION ON DERMATOLOGY**

Saturday, November 11, 6:30-8:00 p.m.

Hyatt Regency Hotel
York/Stuart/Tudor Room

Open bar reception for members, wives and guests of the Section on Dermatology.

Sunday, November 12, 9:00 a.m.

Emory University Clinic

CLINICAL SESSION

SESSION #28

Members of the Section of Dermatology are cordially invited to attend this live patient clinic from 9:00 a.m. until 12:00 noon. Patient rounds will be made from 9:00 a.m. to 10:15 a.m., followed by a brief coffee break. Discussion of cases seen will be held from 10:30 a.m. until 12:00 noon. Bus transportation, round trip, will be provided from the Hyatt Regency Hotel. Buses will depart from the Hyatt Regency promptly at 8:30 a.m. A registration fee of \$35 will be charged. **(Please note that this fee is separate from all registration or postgraduate course fees.)**

Sunday, November 12, 1:00 p.m.

Georgia World Congress Center
Room 310

**SOCIETY FOR INVESTIGATIVE
DERMATOLOGY**

See Program on page 175.

Sunday, November 12, 6:30-8:00 p.m.
Hyatt Regency Hotel

Cash bar reception for members, wives and guests of the Section on Dermatology.

Monday, November 13, 9:00 a.m.
Georgia World Congress Center
Exhibit Hall-Room 102

SESSION #29

ZOLA COOPER
CLINICOPATHOLOGIC SEMINAR

Guest Moderator:

A. BERNARD ACKERMAN,
New York, N.Y.

DEMONSTRATION SLIDES

Demonstration slides and microscopes will be available preceding the meeting and will be located in the Seminar room.

2:00 p.m.

SEMINAR

Director:

JAMES W. BURKS,
New Orleans, La.

Co-Director:

HERBERT B. CHRISTIANSON,
New Orleans, La.

Co-Director and Secretary-Treasurer:

GEORGE A. FARBER,
New Orleans, La.

Guest Moderator:

A. BERNARD ACKERMAN,
New York, N.Y.

Host Moderator:

CHENAULT W. HAILEY,
Atlanta, Ga.

Program is acceptable for 12.5 Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

SECTION ON EMERGENCY MEDICINE

Co-sponsored by the Georgia Chapter, American College of
Emergency Physicians
For master schedule of Credit
hours for ACEP, see page 6.

OFFICERS

MAG Program Chairman MARK M. LINDSEY, Atlanta, Ga.
Guest Speaker JAMES E. GEORGE, Woodbury, N.J.

Saturday, November 11, 5:30-7:30 p.m.

Peachtree Plaza Hotel
Spanish Room

Reception for members, wives and guests of the Section on
Emergency Medicine.

Sunday, November 12, 10:00 a.m.

Georgia World Congress Center
Exhibit Hall-Room 102

**BUSINESS MEETING
GEORGIA CHAPTER,
AMERICAN COLLEGE OF EMERGENCY PHYSICIANS**

Sunday, November 12, 2:00 p.m.

Georgia World Congress Center
Room 211

**A Joint Meeting of the Sections on
Gastroenterology
Emergency Medicine
Radiology
Surgery**

See Program on page 71.

Monday, November 13, 9:00 a.m.

Georgia World Congress Center
Room 303

SESSION #30

9:00 a.m.

LAW AND EMERGENCY MEDICINE

JAMES E. GEORGE
Woodbury, N.J.

All physicians are aware of constantly increasing importance of medico-legal considerations in the practice of medicine. Nowhere is this fact more evident than in the practice of emergency medicine. It is indispensable for today's emergency physician to have a minimum understanding of the basic legal principles and how they effect his practice habits. These principles and their application to emergency medicine will be discussed.

This program was coordinated by the Georgia Chapter, American College of Emergency Physicians.

Program is acceptable for three Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for three Category 1 credit hours by the American College of Emergency Physicians.

SECTION ON FAMILY PRACTICE

Co-sponsored by the Georgia Academy of Family Physicians
For master schedule of Credit
hours for AAFP, see page 5.

OFFICERS

Chairman	JON C. CALVERT, Augusta, Ga.
Secretary	CHRISTIAN N. RAMSEY, JR., Waco, Tex.
Secretary-Elect	W. ROSS LAWLER, San Antonio, Tex.
MAG Program Chairmen	T. EUGENE KENNEDY, Buford, Ga. TERRELL B. TANNER, Oxford, Ga.
Guest Speaker	JACK FROOM, Stony Brook, N. Y.

Saturday, November 11, 9:00 a.m.

Georgia World Congress Center
Room 203

**SESSION
#31**

PRACTICAL APPROACH TO MEDICAL RECORDS

The presentation will consist of a description of various parts of an integrated medical record system presently being used by private practitioners as well as University of Rochester Family Practice Residency Program. Each part will be described in some detail, including the benefits derived from its use. The approach will be practical and geared to the needs of the practicing family physician. Major emphasis will be on manual systems with a few words mentioning the potential computer systems that become available.

9:00 a.m.

AGE - SEX REGISTER

W. ROSS LAWLER
San Antonio, Tex.

9:20 a.m.

CLASSIFICATION OF HEALTH PROBLEMS

JACK FROOM
Stony Brook, N.Y.

Guest Speaker
Section on Family Practice

9:45 a.m.

THE DIAGNOSTIC INDEX

W. ROSS LAWLER
San Antonio, Tex.

10:10 a.m.

INTERMISSION—VISIT EXHIBITS

10:40 a.m.

THE PROBLEM-ORIENTED MEDICAL RECORD

JACK FROOM
Stony Brook, N.Y.

11:15 a.m.

THE FAMILY FOLDER

W. ROSS LAWLER
San Antonio, Tex.

11:30 a.m.

METHODS OF PRACTICE MONITORING IN FAMILY PRACTICE AS A MEANS TO DIRECT INDIVIDUAL CONTINUING MEDICAL EDUCATION EFFORTS

WILLIAM M. SIMPSON, JR.
Charleston, S.C.

Methods of practice monitoring currently available and requiring little physician time will be illustrated and discussed. The application of these tools to direct individual continuing medical education efforts and to examine and improve patient care will be illustrated from the author's experience and that of the Medical University of South Carolina, Department of Family Practice.

Sunday, November 12, 9:00 a.m.
Georgia World Congress Center
Room 203

SESSION #32

9:00 a.m.

**BUSINESS MEETING,
SECTION ON FAMILY PRACTICE**

9:10 a.m.

**STRATEGIES FOR UTILIZATION AND EVALUATION OF
PHYSICIAN ASSISTANTS AND FAMILY NURSE
PRACTITIONERS**

HAL T. WILSON
Lexington, Ky.

New health practitioners are no longer new in the medical scene but they still represent a radical innovation in the provision of medical care. As such, they pose both rational and emotional threats to physicians, nurses and administrators. Strategies and tactics for the introduction and honest evaluation of these new health workers will be provided.

Discussant:

Travis Lunceford,
Waco, Tex.

9:40 a.m.

AMBULATORY CARE CHART AUDITS

BRYAN STONE
Waco, Tex.

Simple procedures which let the physician see if what he does is what he thinks he should do will be given. Some surprising results will be presented. Manual and computer methods will be discussed. A plea for "business systems" which also help with quality control and other clinical concerns will be issued.

10:15 a.m.

INTERMISSION—VISIT EXHIBITS

10:45 a.m.

RESEARCH ON CHRONIC DISEASE

MARGARET E. MAHER
Waco, Tex.

The purpose of this presentation will be to compare the care, costs and outcome of patients with mild to moderate hypertension, as found in an ambulatory walk-in clinic, where a patient may see a different physician each visit, versus a family practice clinic where a patient is assigned a family physician.

11:05 a.m.

INFECTIOUS DISEASE RESEARCH

HAROLD BROWN
Houston, Tex.

The author will present the results of a clinical trial designed to determine the antigenicity and reactogenicity of a formalin-inactivated influenza A/NJ/76 (Hsw1N1) whole-virus vaccine administered to healthy adults by two immunization procedures.

11:30 a.m.

PROBLEM-ORIENTED HEALTH SCREENING

CHRISTIAN N. RAMSEY
Waco, Tex.

Considerable analysis has been occurring in the thinking about health screening, including questions of costs of certain procedures, as well as efficacy. The author will analyze the annual physical exam with reference to screening for specific problems, as well as the development of health risk data.

Program is acceptable for five Prescribed hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

SECTION ON GASTROENTEROLOGY

Co-sponsored by the Georgia Gastroenterologic Society

OFFICERS

Chairman	THOMAS D. McCAFFERY, JR., New Orleans, La.
Secretary	ARVEY I. ROGERS, Miami, Fla.
Secretary-Elect	JOHN T. GARBUTT, JR., Durham, N.C.
MAG Program Chairman	DAVID E. HEIN, Atlanta, Ga.
Guest Speaker	EUGENE R. SCHIFF, Miami, Fla.

Sunday, November 12, 9:00 a.m.

Georgia World Congress Center
Room 202

**SESSION
#33**

9:00 a.m.

ACONTRACTILITY AND HYPOCONTRACTILITY OF THE ESOPHAGUS

S. M. SHAH, C. D. GREENWAY, H. J. JORDAN,
and E. CLINTON TEXTER
Temple, Tex.

Presentation by Dr. Shah

Ten subjects with hypo and acontractility of the esophagus by manometry will be presented as the basis for the contention that no manometric pattern is specific and that reclassification of motor disorders is desirable. Management can be keyed to clinical and manometric correlations.

Discussant:

THEODORE HERSH,
Atlanta, Ga.

9:15 a.m.

OBSERVATIONS ON GASTRIC PEPSIN SECRETION IN VARIOUS DISEASE STATES

JAMES L. ACHORD
Jackson, Miss.

The measurement of gastric pepsin secretion will be discussed as applied to a variety of clinical disorders ranging from clearly peptic ulcer to conditions mimicking acid-peptic disease.

Discussant:

BASIL I. HIRSCHOWITZ,
Birmingham, Ala.

9:30 a.m.

SERUM 25-HYDROXYCALCIFEROL AND BONE MINERAL CONTENT IN ASYMPTOMATIC POSTGASTRECTOMY PATIENTS

R. H. KRAMER, F. L. IBER, T. B. CONNER,
and A. H. NORRIS
Baltimore, Md.

Presentation by Dr. Kramer

The mechanisms of bone demineralization in 17 male patients four to 25 years postgastrectomy will be discussed utilizing 25-OH vitamin D serum levels combined with bone mineral assay techniques.

Discussant:

JOHN T. GARBUTT, JR.,
Durham, N.C.

9:45 a.m.

CHRONIC INFLAMMATORY BOWEL DISEASE IN THE ELDERLY

V. J. ALALU and C. R. ESPIRITU
Miami Beach, Fla.

Presentation by Dr. Alalu

Inflammatory bowel disease in 15 patients, mean age 75, is characterized as abrupt in onset, often without diarrhea, exhibits a milder course following recovery from the acute illness and has a lower relapse rate.

Discussant:

G. GORDON McHARDY,
New Orleans, La.

10:00 a.m.

REFEEDING PROTOCOL FOR INTRACTABLE DIARRHEA

M. S. COALE and J. R. K. ROBSON
Charleston, S.C.

Presentation by Ms. Coale
and Dr. Robson

The role of staged protein repletion in protein-calorie malnutrition states will be discussed in relationship to correction of diarrhea, disaccharidase deficiency states and flattened small intestinal villi.

Discussant:

ARVEY I. ROGERS,
Miami, Fla.

10:15 a.m.

ELECTIVE PREOPERATIVE EVALUATION OF PORTAL HYPERTENSION AND ESOPHAGEAL VARICES

JOE U. LEVI, D. HUTSON, A. LIVINGSTONE,
E. RUSSELL, R. PEREIRAS, and ROBERT ZEPPA
Miami, Fla.

Presentation by Dr. Levi

A scheme will be presented in which the findings on hepatic biopsy and panangiography are utilized for selecting optimal surgical approaches in patients with esophageal varices complicating portal hypertension.

Discussant:

JOHN T. GALAMBOS,
Atlanta, Ga.

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

HEPATITIS: STATUS AND PROSPECTS

EUGENE R. SCHIFF
Miami, Fla.

Guest Speaker
Section on Gastroenterology

11:45 a.m.

BILIARY OBSTRUCTION AND JAUNDICE WITH NONDILATED BILE DUCTS

R. M. KERR
Winston-Salem, N.C.

A case will be made for the application of endoscopic retrograde cholangiography for evaluating obstructive jaundice in patients with

undilated biliary ductal systems not detectable by computer assisted tomography and ultrasonography.

Discussant:

EUGENE R. SCHIFF,
Miami, Fla.

12:00 noon

**PERCUTANEOUS TRANSHEPATIC INSERTION OF A
PERMANENT PROSTHESIS IN THE BILIARY TREE: A NEW
METHOD FOR THE RELIEF OF OBSTRUCTIVE JAUNDICE**

R. PEREIRAS, D. HUTSON, and J. MEJIA
Miami, Fla.

Presentation by Dr. Pereiras

A nonsurgical method for decompressing an obstructed biliary tree by bridging the narrowed segment with a Teflon prosthesis has been performed successfully in 14 of 16 patients providing relief from jaundice and/or pruritus.

Discussant:

JOHN T. GALAMBOS,
Atlanta, Ga.

12:15 p.m.

**HEPATITIS B AND LIVER DAMAGE IN LABORATORY
PERSONNEL: A PROSPECTIVE STUDY**

BASIL I. HIRSCHOWITZ, C. DASHER, J. WHITT,
and W. COLE
Birmingham, Ala.

Presentation by Dr. Hirschowitz

A two year study of 310 laboratory personnel revealed a 22% incidence of HB antibody, despite the fact that 80% gave no history of hepatitis and few had associated abnormalities of liver function. HBsAg was found in only five subjects. The appearance rate of HBsAb (10/200) almost matched the disappearance rate of Ab (15/200), while persistence of Ab was largely in those who had high Ab titers. The implication of these findings will be discussed.

Discussant:

EUGENE R. SCHIFF,
Miami, Fla.

12:30 p.m.

**BUSINESS MEETING,
SECTION ON GASTROENTEROLOGY**

Program is acceptable for 3.5 Elective hours by the American Academy of Family Physicians.

Sunday, November 12, 2:00 p.m.

Georgia World Congress Center
Room 211

**SESSION
#34**

**A Joint Meeting of the Sections on
Gastroenterology
Emergency Medicine
Radiology
Surgery**

GI AND LIVER DISEASE: EMERGENCIES

Faculty:

- JOAQUIN S. ALDRETE,
Birmingham, Ala.
- JOHN T. GALAMBOS,
Atlanta, Ga.
- JOHN T. GARBUTT, JR.,
Durham, N.C.
- THOMAS D. McCAFFERY, JR.,
New Orleans, La.
- J. PATRICK O'LEARY,
Gainesville, Fla.
- EUGENE R. SCHIFF,
Miami, Fla.
- MICHAEL A. SULLIVAN,
New Orleans, La.
- C. REX TEESLINK,
Augusta, Ga.

2:00 p.m.

MASSIVE UPPER GI BLEEDING

2:30 p.m.

QUESTIONS AND ANSWERS

2:45 p.m.

INTESTINAL ISCHEMIA AND INFARCTION

3:15 p.m.

QUESTIONS AND ANSWERS

3:30 p.m.

INTERMISSION—VISIT EXHIBITS

4:00 p.m.

FULMINANT ULCERATIVE COLITIS

4:30 p.m.

QUESTIONS AND ANSWERS

4:45 p.m.

OBSTRUCTIVE CHOLANGITIS

Program is acceptable for three Prescribed hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for three Category 1 credit hours by the American College of Emergency Physicians.

SECTION ON GYNECOLOGY

Co-sponsored by the Georgia State Obstetrical-Gynecological Society and the Southern Gynecological and Obstetrical Society

OFFICERS

Chairman	JOHN E. STARTZMAN, Orlando, Fla.
Chairman-Elect	CHARLES M. TYNDAL, Birmingham, Ala.
Secretary	LOUIS Q. PUGSLEY, Fairfax, Va.
MAG Program Chairmen	W. H. KILPATRICK, East Point, Ga. MR. CHESTER LANE, Atlanta, Ga.
Guest Speaker	KAMRAN S. MOGHISSI, Detroit, Mich.

Sunday, November 12, 9:00 a.m.

Georgia World Congress Center
Room 307

SOUTHERN GYNECOLOGICAL AND OBSTETRICAL SOCIETY

36th ANNUAL MEETING
in cooperation with the
Southern Medical Association

Members and guests of the
Section on Gynecology
cordially invited.

See Program on page 175.

Sunday, November 12, 2:00 p.m.

Georgia World Congress Center
Room 202

SESSION #37

2:00 p.m.

MINILAP BILATERAL TUBAL LIGATION IN LITHOTOMY

WILLIAM E. BYRD
Norfolk, Va.

One hundred consecutive nonpuerperal sterilizations using a suprapubic "Bandaide" incision and cervical mobilization of uterine cornua will be discussed. A critical comparison to laparoscopic techniques and several technical innovations will be described.

2:20 p.m.

IS THE ROUTINE PAP AFTER 40 ENOUGH?

ROBERT W. MUENZER
Toledo, Ohio

Endometrial aspiration cytology has the capabilities of screening for varying stages of endometrial hyperplasia that are considered precursors of endometrial carcinoma, as well as an 85% accuracy rate for screening detection of established endometrial carcinoma.

2:40 p.m.

GYNECOLOGICAL MICROSURGERY IN TUBAL RECONSTRUCTIVE SURGERY

JAMES F. DANIELL, JR.
Nashville, Tenn.

The history, development and application of microsurgery to gynecological tubal surgery will be reviewed. There will be a discussion of the indications and techniques for microsurgery and its initial results as compared to the more classical form of tubal surgery.

3:00 p.m.

DYSFUNCTIONAL UTERINE BLEEDING

KAMRAN S. MOGHISSI
Detroit, Mich.

Guest Speaker
Section on Gynecology

3:30 p.m.

INTERMISSION—VISIT EXHIBITS

4:00 p.m.

SKELETAL ABNORMALITIES IN GONADAL DYSGENESIS

ROBERT G. SATTERFIELD
Little Rock, Ark.

X chromosome abnormalities in the majority of patients with gonadal dysgenesis may have led to the assumption that abnormal radiographs had some genetic basis. Historical, physical and laboratory data will be compared with the x-ray findings in a radiological survey of 30 patients.

4:20 p.m.

CURRENT THERAPY OF OVARIAN CARCINOMA

FRANCISCO P. XYNOS
St. Louis, Mo.

A report on results of first and second line therapy on the importance of differentiation of the tumor and size of residual disease after original surgery will be given. Features like technique, type of pelvic closure, postoperative complications, etc., will be evaluated.

4:35 p.m.

**BUSINESS MEETING,
SECTION ON GYNECOLOGY**

Program is acceptable for 2.5 Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

Tuesday, November 14, 9:00 a.m.

Georgia World Congress Center
Room 200

SESSION #38

**A Joint Meeting of the Sections on
Gynecology, Obstetrics, Pathology, Radiology**

**Eighth Annual
GEORGE PAPANICOLAOU
MEMORIAL SEMINAR IN
GYNECOLOGIC PATHOLOGY**

Guest Moderator:

HENRY J. NORRIS,
Washington, D.C.

SEMINAR

The Seminar will consist of presentation and discussion of interesting cases submitted by physicians from various medical centers, as listed below. The presenters, audience and panel will take part in the discussion of clinical, pathological and therapeutic aspects of each disease.

Director:

GEORGE IOANNIDES,
Miami Beach, Fla.

Co-Director:

O. WILLIAM DAVENPORT,
Miami, Fla.

Guest Moderator:

HENRY J. NORRIS,
Washington, D. C.

Host Moderator:

MICHAEL B. GRAVANIS,
Atlanta, Ga.

Pathologist:

ARKADI M. RYWLIN,
Miami Beach, Fla.

Gynecologist:

HERVY E. AVERETTE,
Miami, Fla.

Radiotherapist:

IVOR FIX,
Miami Beach, Fla.

9:00 a.m.

VERRUCOUS CARCINOMA OF THE PERINEUM

WILLIAM T. CREASMAN
Durham, N.C.

NEUROBLASTOMA PRESENTING AS CERVICAL TUMOR

JOHN M. LUKEMAN
Houston, Tex.

**SQUAMOUS CELL CARCINOMA ARISING FROM THE MUCOSA
COVERING A POLYPOID SUBMUCOUS LEIOMYOMA**

B. MAJMUDAR and G. R. BODNER
Atlanta, Ga.

**OVARIAN SEROUS CYSTADENOCARCINOMA WITH
ELEMENTS OF ENDOMETRIOID AND CLEAR CELL
CARCINOMAS**

R. HANK JENNINGS, JR.
Lakeland, Fla.

10:00 a.m.
INTERMISSION

10:10 a.m.

**GRANULOSA CELL TUMOR IN OVARY REMOVED BECAUSE OF
MAMMARY CARCINOMA**

FRANCIS M. PATTON
Metairie, La.

**GRANULOSA CELL TUMOR: NATURAL HISTORY AND
DILEMMAS OF TREATMENT**

CAROLINE B. HUNTER, HERVY E. AVERETTE,
and ALISON JEAN THRESHER
Miami, Fla.

**PURE GONADAL DYSGENESIS (XY FEMALE) WITH BILATERAL
GONADOBLASTOMA AND DYSGERMINOMA**

GEORGE T. SCHNEIDER, GEORGE L. LEONARD,
WILLIAM T. MITCHELL, JR., and WILLIAM H. STERNBERG
New Orleans, La.

VIRILIZING OVARIAN TUMOR

EDWIN E. CLIZER
Spokane, Wash.

11:00 a.m.
INTERMISSION

11:10 a.m.

SCLEROSING STROMAL TUMOR OF OVARY

LAWRENCE M. ROTH,
and CLARENCE E. EHRLICH
Indianapolis, Ind.
MORTON J. ROBINSON and RAYMOND SIMMONS
Miami Beach, Fla.

**MIXED GERM CELL TUMOR OF OVARY: DYSGERMINOMA AND
ENDODERMAL SINUS TUMOR**

RONALD M. RHATIGAN and ROSILIE O. SAFFOS
Jacksonville, Fla.

MALIGNANT MIXED MESODERMAL TUMOR OF THE OVARY

JOHN W. RECORDS
Oklahoma City, Okla.

**YOUNG PREGNANT WOMAN WITH BILATERAL OVARIAN
KRUKENBERG TUMORS AND PERITONEAL AND BREAST
METASTASES**

MORTON J. ROBINSON
Miami Beach, Fla.

**Program is acceptable for three Elective hours by the American
Academy of Family Physicians.**

**Program acceptable for three hours credit in Category I of the
American Medical Association's Physician's Recognition
Award.**

SECTION ON MEDICINE

Co-sponsored by the American College of Physicians-
Georgia and the Georgia Society of Internal Medicine

OFFICERS

Chairman	WILLIAM E. DISMUKES, Birmingham, Ala.
Vice-Chairman	T. REGINALD HARRIS, Shelby, N.C.
Secretary	JAMES M. MOSS, Alexandria, Va.
MAG Program Chairmen	JOHN M. McCOY, Atlanta, Ga. DAVID M. TAYLOR, Atlanta, Ga.
Guest Speaker	JAY P. SANFORD, Bethesda, Md.

Saturday, November 11, 9:00 a.m.-5:00 p.m.

Georgia World Congress Center
Room 201

Postgraduate Course on CARDIOLOGY

See Program on page 25.

Saturday, November 11, 9:00 a.m.

Georgia World Congress Center
Room 210

A Joint Meeting of the Sections on Neurology Medicine

See Program on page 80.

Saturday, November 11, 2:00 p.m.

Georgia World Congress Center
Room 210

**SESSION
#39**

A Joint Meeting of the Section on Medicine and the Georgia Thoracic Society

SYMPOSIUM ON PULMONARY INFECTIONS

Introduction:

WILLIAM E. DISMUKES,
Birmingham, Ala.

2:00 p.m.

CURRENT APPROACH TO PNEUMONIA IN NORMAL AND COMPROMISED HOSTS

JAY P. SANFORD
Bethesda, Md.

Guest Speaker
Section on Medicine

2:45 p.m.

ATYPICAL MYCOBACTERIA

G. MICHAEL DUFFELL
Atlanta, Ga.

**3:15 p.m.
INTERMISSION—VISIT EXHIBITS**

3:30 p.m.

FUNGAL DISEASES OF THE LUNG

JOSEPH H. BATES
Little Rock, Ark.

4:00 p.m.

PANEL DISCUSSION: PULMONARY INFECTIONS, QUESTIONS FOR THE EXPERTS

Moderator:

WILLIAM E. DISMUKES,
Birmingham, Ala.

Panelists:

JAY P. SANFORD,
Bethesda, Md.

G. MICHAEL DUFFELL,
Atlanta, Ga.

JOSEPH H. BATES,
Little Rock, Ark.

4:45 p.m.

**BUSINESS MEETING,
SECTION ON MEDICINE**

Program is acceptable for three Elective hours by the American Academy of Family Physicians.

Program is acceptable for three Category 1 credit hours by the American College of Emergency Physicians.

Monday, November 13, 8:00 a.m.

Georgia World Congress Center
Room 305

Breakfast/meeting for the members of the Georgia Society of Internal Medicine.

Monday, November 13, 9:00 a.m.

Georgia World Congress Center
Room 208

**SESSION
#40**

**A Joint Meeting of the Section on
Medicine
and the
Georgia Society of Internal Medicine**

9:00 a.m.

OFFICE MANAGEMENT OF DIABETES MELLITUS

L. HARVEY HAMFF
Atlanta, Ga.

The author will cover the criteria for the proper diagnosis of diabetes mellitus, its treatment with and without hypoglycemic agents and the prevention and treatment of complications arising from treatment.

9:30 a.m.

WHAT'S AHEAD IN DIABETES MELLITUS

HARRY K. DELCHER
Atlanta, Ga.

The current research will be related to present application with projections for future innovation in ways to care for diabetics, new insulin delivery methods, transplantation and measurement of hemoglobin Alc and HDL-cholesterol.

10:00 a.m.

DISCUSSION, QUESTIONS AND ANSWERS

10:15 a.m.

INTERMISSION—VISIT EXHIBITS

**COST CONTAINMENT OR
RATIONING MEDICAL CARE**

Discussion of the roles of government, medical profession, health insurers and consumers in insuring appropriate allocation of medical care resources.

Sponsored by the
Georgia Society of Internal Medicine/
American Society of Internal Medicine

DAVID M. TAYLOR
Atlanta, Ga.
President, Georgia Society of Internal Medicine

10:30 a.m.

OVERVIEW

MICHAEL J. HALBERSTAM
Washington, D.C.

10:45 a.m.

ECONOMIC FACTORS

GEORGE A. SILVER
New Haven, Conn.

11:00 a.m.

ROLE OF PRIVATE SECTOR

RUTH S. HANFT
Washington, D.C.

11:15 a.m.

ROLE OF GOVERNMENT

WILLIAM R. FELTS
Washington, D.C.

11:30 a.m.

QUESTIONS AND ANSWERS

Monday, November 13, 12:30 p.m.

Georgia World Congress Center
Room 305

Luncheon panel discussion, "Cost Containment," open to all physicians.

Program is acceptable for three Prescribed hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for three Category 1 credit hours by the American College of Emergency Physicians.

SECTION ON NEUROLOGY

Co-sponsored by the Georgia Neurological Society

OFFICERS

SMA Section Secretary JACK W. BONNER, III, Asheville, N.C.
MAG Program Chairmen GEORGE R. MUSHET, Augusta, Ga.
JOHN E. LEE, Atlanta, Ga.
Guest Speakers FRITZ E. DREIFUSS, Charlottesville, Va.
REDFORD B. WILLIAMS, JR., Durham, N.C.

Saturday, November 11, 9:00 a.m.

Georgia World Congress Center
Room 210

**SESSION
#41**

**A Joint Meeting of the Sections on
Neurology
Medicine**

9:00 a.m.

**DIAGNOSIS OF HEADACHE AND THE USE OF BEHAVIORAL
APPROACHES TO TREATMENT OF HEADACHE**

REDFORD B. WILLIAMS, JR.
Durham, N.C.

Guest Speaker
Section on Neurology

10:00 a.m.

INTERMISSION—VISIT EXHIBITS

10:30 a.m.

CURRENT STATUS OF THE TREATMENT OF EPILEPSY

FRITZ E. DREIFUSS
Charlottesville, Va.

Guest Speaker
Section on Neurology

11:15 a.m.

**DIAGNOSIS AND TREATMENT OF ENTRAPMENT
NEUROPATHY (CARPAL TUNNEL SYNDROME)**

GEORGE R. MUSHET and JAMES L. BECTON
Augusta, Ga.

Presentation by Drs. Mushet and Becton

Saturday, November 11, 2:00 p.m.

Georgia World Congress Center
Room 203

**SESSION
#42**

2:00 p.m.

ADDRESS BY GUEST SPEAKER

FRITZ E. DREIFUSS
Charlottesville, Va.

Guest Speaker
Section on Neurology

3:00 p.m.

DISCUSSION, QUESTIONS AND ANSWERS

3:30 p.m.

INTERMISSION—VISIT EXHIBITS

4:00 p.m.

**BUSINESS MEETING,
GEORGIA NEUROLOGICAL SOCIETY**

This program was arranged by the Georgia Neurological Society.

Program is acceptable for five Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for five Category 1 credit hours by the American College of Emergency Physicians.

THE GEORGIA NEUROSURGICAL SOCIETY

OFFICERS

President	WILLIAM W. MOORE, JR., Atlanta, Ga.
Secretary-Treasurer	RICHARD A. SMITH, Atlanta, Ga.
Directors at Large (Area 1)	ELLIS B. KEENER, Decatur, Ga.
	MARK S. O'BRIEN, Atlanta, Ga.
(Area 2)	ROBERT A. SEARS, Atlanta, Ga.
(Area 3)	EDWARD F. DOWNING, Savannah, Ga.
Program Chairmen	ALAN S. FLEISCHER, Atlanta, Ga.
	FLOYD L. HAAR, Augusta, Ga.
Guest Speaker	IRVIN KRICHEFF, New York, N.Y.

Saturday, November 11, 9:00 a.m.

Georgia World Congress Center
Room 303

**SESSION
#35**

ADVANCES IN NEURODIAGNOSTIC AND NONSURGICAL THERAPEUTIC TECHNIQUES FOR NEUROSURGEONS

Advances in Neurodiagnostic Techniques

9:00 a.m.

COMPUTERIZED AXIAL TOMOGRAPHY: ANATOMIC CORRELATIONS IN THE NORMAL HEAD SCAN

TAHER A. M. EL GAMMAL
Augusta, Ga.

The value of spatial resolution will be stressed in order to understand certain anatomical appearances. A few examples of pathological alterations of anatomy will be presented. The normal anatomy of the intra- and extracranial vessels will be briefly presented.

9:15 a.m.

INTERPRETING THE ABNORMAL HEAD CT SCAN

IRVIN KRICHEFF
New York, N.Y.

Guest Speaker
The Georgia Neurosurgical Society

Departures from the normal CT scan often indicate brain disease. Ventricular shift or dilatation and intracerebral hematomas are among the more obvious lesions. These, as well as more subtle lesions, will be discussed from the viewpoint of a systematic and reasonable approach to diagnosis.

9:45 a.m.

THE NORMAL AND ABNORMAL CT SPINE SCAN

JAMES C. HOFFMAN
Atlanta, Ga.

With the advent of computerized tomography, a new method for visualizing the spinal canal in cross-section has developed. The normal appearance of the spine on CT scan will be discussed and pathologic changes that can be demonstrated on the CT scan will be demonstrated. Lesions such as spinal stenosis, intra-axial tumors and paraspinal tumors will be discussed.

10:15 a.m.

**HOW HAS THE CAT SCAN ALTERED MY
STYLE OF WORKING UP PATIENTS**

WILLIAM W. MOORE, JR.
Atlanta, Ga.

The revolution in management of neurosurgical practice relating to pre- and postoperative care of head injuries, hydrocephalus in its many varieties, neoplasms and intracranial cystic diseases will be briefly described. Benefits in other neurosurgical care areas, including metastatic and infectious spinal disease, will be touched upon, as well as present indications of the limitations of this important modality.

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

THE NONINVASIVE EVALUATION OF THE TIA PATIENT

EDWARD F. DOWNING
Savannah, Ga.

The present noninvasive methods of evaluation of TIA patients will be reviewed, including cerebral radioangiography, Doppler evaluation, ocular plethysmography and clinical evaluation. The asymptomatic bruit patient will also be discussed.

11:20 a.m.

EPIDURAL VENOGRAPHY

JOHN D. MEYER
Atlanta, Ga.

The history of the procedure and the lumbar spinal venous anatomy will be reviewed. Present techniques and indications will be discussed. The tests will be compared to others to demonstrate its place in evaluating the lumbar spine especially with respect to the herniated disc. The question of avoiding unnecessary back operations will be addressed.

11:40 a.m.

EVALUATION OF THE ENLARGED SELLA TURCICA

GEORGE T. TINDALL
Atlanta, Ga.

Pathological entities resulting in enlargement of the sella will be discussed. Modern endocrinological and neuroradiological testing procedures will be described and illustrated and the indications for these studies will be cited. Examples of clinical syndromes (e.g., asymptomatic patient with an incidentally discovered large sella; patient with a hypersecreting pituitary tumor; patient with pituitary apoplexy; etc.) will be discussed. The indications for treatment and the treatment options available will also be a part of the presentation. Lastly, the advantages of the modern transphenoidal microsurgical operation will be enumerated.

12:00 noon

ADJOURN TO LUNCH & BUSINESS MEETING

* * * * *

**REFLECTIONS AND PHILOSOPHIES OF A
NEURORADIOLOGIST**

IRVIN KRICHEFF
New York, N.Y.

Saturday, November 11, 2:00 p.m.

Georgia World Congress Center
Room 303

SESSION #36

Neurosurgery by Needle

2:00 p.m.

STEREOTAXIC BIOPSY OF BRAIN LESIONS

J. PAUL FERGUSON
Rome, Ga.

Technique of twist drill biopsy of intracranial lesions will be discussed with reference to the three primary indications for the utilization of this procedure: (1) obtaining tissue for diagnosis of presumed inoperable lesions; (2) obtaining tissue for diagnosis to determine future therapy; (3) decompression of cystic lesions. Case examples will be presented to illustrate each of the indications. The mechanism of the procedure, as well as the simplicity, will be discussed. Particular emphasis will be placed on the low morbidity and financial advantages of the technique. In this series, no patient had an increase in his neurological deficit although several improved with the emergency decompression, and there were no deaths attributed to the procedure.

2:15 p.m.

**THE USEFULNESS OF EVOKED POTENTIALS IN
NEURODIAGNOSIS**

PATRICK L. LILLARD
Augusta, Ga.

Computer averaged evoked potentials are being used in the evaluation of spinal cord and brain stem lesions, diseases of the optic and auditory pathways and evaluation of brain death. Future developments using evoked potentials include the evaluation of pain and localization of functional areas of the brain. Evoked potentials have great value in laboratory neurophysiology and are just finding their place in the clinical neurosciences.

2:30 p.m.

**PERCUTANEOUS EPIDURAL STIMULATION OF THE
SPINAL CORD FOR RELIEF OF PAIN**

NETTLETON S. PAYNE, II
Atlanta, Ga.

Twenty patients have undergone percutaneous placement of epidural stimulating electrodes for control of intractable pain. The technique of implantation avoids the need of a major surgical procedure and allows for a period of trial stimulation. The selection of patients, method of implantation and surgical results of this promising procedure will be discussed.

2:45 p.m.

**RADIOFREQUENCY LESIONS IN THE TREATMENT OF FACIAL
PAIN (TRIGEMINAL NEURALGIA)**

ERNEST C. FOKES
Decatur, Ga.

A three-year experience with this technique will be discussed. Preoperative evaluation and technique will be included. Emphasis, however, will be placed on indications, follow-up evaluations, change in postoperative neurological findings and complications.

3:00 p.m.

STEREOTAXIC SURGERY—YESTERDAY AND TODAY

MARSHALL B. ALLEN, JR.
Augusta, Ga.

Stereotaxic techniques, formerly popular in neurosurgery for treatment of movement disorders and pain, are now less frequently utilized, but they may still contribute much to the diagnosis and treatment of disorders of the nervous system. They are useful in the treatment of dystonic and athetotic disorders, certain intention tremors and parkinsonism not amenable to medical therapy. Interruption of spinothalamic tracts may also be performed stereotaxically.

3:15 p.m.

INTERMISSION—VISIT EXHIBITS

3:45 p.m.

INTERVENTIONAL NEURORADIOLOGY

IRVIN KRICHEFF
New York, N.Y.

Program is acceptable for 5.5 Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

SECTION ON NEUROLOGY, NEUROSURGERY AND PSYCHIATRY

OFFICERS

Chairman	O. J. ANDY, Jackson, Miss.
Chairman-Elect	LOUIS A. CANCELLARO, Greenville, S.C.
Secretary	JACK W. BONNER, III, Asheville, N.C.
MAG Program Chairmen	GEORGE R. MUSHET, Atlanta, Ga. JOHN E. LEE, Atlanta, Ga. ALAN S. FLEISCHER, Atlanta, Ga. FLOYD L. HAAR, Augusta, Ga. W. THERON McLARTY, JR., Smyrna, Ga.
Guest Speaker	H. THOMAS BALLANTINE, JR., Boston, Mass.

Sunday, November 12, 9:00 a.m.

Georgia World Congress Center
Room 201

**SESSION
#43**

PSYCHOSES AND NEUROSES: BIOCHEMICAL BASIS AND TREATMENT

9:00 a.m.

THE ROLE OF CINGULOTOMY IN THE TREATMENT OF PSYCHIATRIC ILLNESS: INDICATIONS, RESERVATIONS, EXPECTATIONS

H. THOMAS BALLANTINE, JR.

Boston, Mass.

Guest Speaker
Section on Neurology,
Neurosurgery and Psychiatry

Lessons learned from 16 years' experience with bilateral stereotactic cingulotomy will be presented. Particular emphasis will be placed on the problems of patient selection and protection.

9:25 a.m.

AMPHETAMINE-INDUCED PSYCHOSES

JOSE CARRANZA
Jackson, Miss.

9:35 a.m.

BIOCHEMICAL BASIS OF SCHIZOPHRENIA

JOHN RAYMOND SMYTHIES
Birmingham, Ala.

9:50 a.m.

DISCUSSION OF PRECEDING PAPERS

10:15 a.m.

INTERMISSION—VISIT EXHIBITS

10:45 a.m.

PSYCHIATRIC DISORDERS IN EPILEPTICS

H. GUIDO DIAZ
Miami, Fla.

The psychiatric manifestations in epileptics are mainly due to the psychological (personality) reaction of the individual to the illness, the effects of the anticonvulsant medication and the nature and location of the brain damage. Although it appears that there is no such entity as the epileptic personality, there are certain characteristics that have been mentioned repeatedly in the literature. Some of the most common psychiatric problems seen in epileptics will be reviewed.

11:00 a.m.

PSYCHIATRIC EFFECTS OF TEMPORAL LOBECTOMY FOR EPILEPSY

DIETRICH P. BLUMER
Detroit, Mich.

11:15 a.m.

TREATMENT OF BEHAVIORAL PATHOLOGY WITH CEREBELLAR STIMULATION

ROBERT G. HEATH
New Orleans, La.

Findings from animal experiments provided a rationale for stimulation of precise sites of the cerebellar vermis in the treatment of certain types of behavioral pathology. Results in 40 patients with behavioral problems consequent to a variety of psychiatric and neurological disorders, who have been followed for periods ranging from nine to 30 months, will be reviewed.

11:30 a.m.

DISCUSSION OF PRECEDING PAPERS

Monday, November 13, 9:00 a.m.

Georgia World Congress Center
Room 200

SESSION #44

STROKE SYNDROMES AND SURGICAL TREATMENT

9:00 a.m.

NEUROPSYCHIATRIC DISORDERS ASSOCIATED WITH STROKE

CHARLES N. STILL
Columbia, S.C.

Presentation by Dr. Still

Despite continued high prevalence, stroke and its complications are now being viewed more hopefully than in the days of Willis, who described the cerebral collateral circulation in 1667. Yet behavioral and other higher CNS dysfunctions associated with stroke are often overlooked on examination. Prognosis in stroke is affected adversely by associated dementia, aphasia, apraxia, agnosia, amnesia, body image spatial defect, emotional lability, apathy, depression and denial of illness. Early recognition and treatment of behavioral and other higher CNS dysfunctions is no less important than attention to hemiplegia in the rehabilitation of stroke patients.

9:15 a.m.

BRAIN BYPASS STUDY IN MANAGEMENT OF STROKE PATIENTS

ROBERT R. SMITH and ARMIN F. HAERER
Jackson, Miss.

Presentation by Dr. Smith

Since development of the EC/IC bypass operation only ten years ago, thousands of these procedures have been performed. Although tech-

nical surgical prowess has been achieved on an international scale, questions relating to the selection of patients for operation, long-term patency of the anastomosis, surgical complications and most importantly, the efficacy of the procedure in stroke prevention remain unanswered. The author will address himself to these issues in relation to the cooperative study effort and the Mississippi experience with 25 patients.

9:30 a.m.

DISCUSSION OF PRECEDING PAPERS

PATHOLOGICAL BEHAVIOR AND PSYCHOSURGERY

9:40 a.m.

BRAIN DYSFUNCTION IN AGGRESSIVE CRIMINALS

RUSSELL R. MONROE
Baltimore, Md.

The interactive effects of neurologic dysfunction, EEG abnormalities, psychosocial ineptness and intellectual deficits in determining aggressive criminal behavior will be discussed.

9:55 a.m.

NEUROSURGICAL TREATMENT OF PATHOLOGICAL AGGRESSION

O. J. ANDY
Jackson, Miss.

Chairman
Section on Neurology, Neurosurgery
and Psychiatry

Psychosurgery for pathologic aggressive behavior will be reviewed. Three subcortical target sites have been stereotaxically lesioned for treatment of pathologic aggression. The three sites are the amygdala, posterior hypothalamus and nucleus center medianum of the thalamus. Stereotaxically placed amygdaloid lesions are used to control aggression associated with temporal lobe seizures. Thalamic center medianum lesions are used in patients whose aggression is associated with a state of pathologic hyperresponsiveness, not associated with seizures. Posterior hypothalamic lesions have been used in aggression associated with mental retardation.

10:00 a.m.

DISCUSSION OF PRECEDING PAPERS

10:20 a.m.

**INTERMISSION—VISIT EXHIBITS
CENTRAL CONTROL OF PAIN**

10:50 a.m.

DIAGNOSIS AND TREATMENT OF NONORGANIC PELVIC PAIN

FRED O. HENKER, III
Little Rock, Ark.

Twenty women reporting pelvic pain without organic basis contained three patterns: out-of-proportion to pathology, after subsidence of pathology and entirely in absence of pathology. A report of these cases will be presented.

11:05 a.m.

THALAMIC STIMULATION IN CONTROL OF PAIN

DONALD E. RICHARDSON
New Orleans, La.

Five years' experience with deep brain stimulation in the area of the medial thalamus for pain control will be presented. Stimulation techniques have allowed treatment of pain syndromes hithertofore not treatable by the classical neurosurgical procedures of chordotomy, rhizotomy, or thalamotomy. A brief description of the long-term results with chronic depth brain electrodes for stimulation of the thalamus in pain control and the physiological rationale will be presented.

11:20 a.m.

DISCUSSION OF PRECEDING PAPERS

11:30 a.m.

PSEUDONEURILEMMOMA OF THE SPINAL CANAL

ARMANDO R. COPPOLA
Newport News, Va.

Pseudoneurilemmoma of the spinal canal in the lumbar region will be described in two patients who presented rather typical myelographic studies consistent with intradural-extramedullary neurilemmoma. One patient had been operated on in 1968 by the author with removal of a ruptured lumbar disc at one level and a neurilemmoma at another level on the opposite side. The second patient had had myelography seven years previously and the defect had been erroneously considered to represent "artefact." The myelographic films will be shown and the operative findings discussed.

11:45 a.m.

**BUSINESS MEETING,
SECTION ON NEUROLOGY,
NEUROSURGERY AND PSYCHIATRY**

Program is acceptable for 5.5 Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

SECTION ON OBSTETRICS

Co-sponsored by the Georgia State Obstetrical-Gynecological Society and the Southern Gynecological and Obstetrical Society

OFFICERS

Chairman	WILLIAM Z. BRADFORD, JR., Charlotte, N.C.
Chairman-Elect	SAMUEL R. POLIAKOFF, Atlanta, Ga.
Secretary	STACY R. STEPHENS, Dallas, Tex.
MAG Program Chairmen	W. H. KILPATRICK, East Point, Ga. MR. CHESTER LANE, Atlanta, Ga.
Guest Speaker	RICHARD H. SCHWARZ, Brooklyn, N.Y.

Sunday, November 12, 9:00 a.m.
Georgia World Congress Center
Room 307

SOUTHERN GYNECOLOGICAL AND OBSTETRICAL SOCIETY

36th ANNUAL MEETING
in conjunction with the
Southern Medical Association

Members and guests of the
Section on Obstetrics
cordially invited.

See Program on page 175.

Monday, November 13, 2:00 p.m.
Georgia World Congress Center
Room 206

**SESSION
#45**

2:00 p.m.

20 YEARS' EXPERIENCE WITH CERVICAL CERCLAGE

WILLIAM A. PETERS, III, SIVA THIAGARAJAH, M.B.B.S.,
and GUY M. HERBERT, JR.
Charlottesville, Va.

Presentation by Dr. Peters

During this time, 40 pregnancies were managed in 32 patients with a diagnosis of incompetent cervix, a ratio of 1:775 deliveries. Diagnosis prior to development of symptoms produced a 92% fetal salvage with 68% reaching 36 weeks of gestation. Development of symptoms prior to cerclage resulted in only a 30% fetal salvage. No difference was noted between the Shirodkar and McDonald procedures. Major complications included uterine rupture in three patients and acute chorioamnionitis in two. Because of complications, treatment is contraindicated based on history alone or where close follow-up is not available.

2:20 p.m.

THE VACUUM EXTRACTOR: USEFUL INSTRUMENT OR THERAPEUTIC DINOSAUR?

WARREN C. PLAUCHÉ
New Orleans, La.

A brief history of the development of vacuum extraction will be given with a review of requirements and indications for use of the instrument. Results obtained will be reviewed with particular emphasis on damage to the fetal scalp. The potential for use of vacuum extraction in modern obstetrics will be discussed.

2:40 p.m.

NUTRITION IN PREGNANCY: 1978

GARLAND D. ANDERSON
Memphis, Tenn.

Nutrition in pregnancy is receiving increased emphasis with reports of adverse effects of drugs, alcohol and tobacco on the outcome of pregnancy. Numerous articles concerning nutrition in pregnancy have appeared in the lay press. Almost daily a new method of weight reduction appears as a panacea for a weight conscious public. Physicians are told to let the patient gain weight without restriction. Also, women are breast feeding in ever-increasing numbers. These contraindications will be discussed and suggestions made for a sensible nutritional approach to pregnancy.

3:00 p.m.

THE APPLICATION OF INTERMITTENT SCALP pH AND CONTINUOUS FETAL TISSUE pH TO THE MANAGEMENT OF LABOR IN HIGH-RISK PATIENTS

FAY REDWINE
Richmond, Va.

This study is directed toward the use of pH monitoring in order to assess more accurately the fetal metabolic state. The pH of the fetus can be measured either by intermittent scalp sampling or by continuous tissue pH recording. Data correlating the two modalities will be presented.

3:20 p.m.

**BUSINESS MEETING,
SECTION ON OBSTETRICS**

3:30 p.m.

INTERMISSION—VISIT EXHIBITS

4:00 p.m.

THE USE OF ANTIBIOTICS IN PREGNANCY

RICHARD H. SCHWARZ
Brooklyn, N.Y.

Guest Speaker
Section on Obstetrics

4:45 p.m.

QUESTION AND ANSWER PERIOD

Program is acceptable for three Prescribed hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

Tuesday, November 14, 9:00 a.m.

Georgia World Congress Center
Room 200

SESSION #38

**A Joint Meeting of the Sections on
Gynecology, Obstetrics, Pathology, Radiology**

**Eighth Annual
GEORGE PAPANICOLAOU
MEMORIAL SEMINAR IN
GYNECOLOGIC PATHOLOGY**

Guest Moderator:

HENRY J. NORRIS,
Washington, D.C.

SEMINAR

The Seminar will consist of presentation and discussion of interesting cases submitted by physicians from various medical centers, as listed below. The presenters, audience and panel will take part in the discussion of clinical, pathological and therapeutic aspects of each disease.

Director:

GEORGE IOANNIDES,
Miami Beach, Fla.

Co-Director:

O. WILLIAM DAVENPORT,
Miami, Fla.

Guest Moderator:

HENRY J. NORRIS,
Washington, D.C.

Host Moderator:

MICHAEL B. GRAVANIS,
Atlanta, Ga.

Pathologist:

ARKADI M. RYWLIN,
Miami Beach, Fla.

Gynecologist:

HERVY E. AVERETTE,
Miami, Fla.

Radiotherapist:

IVOR FIX,
Miami Beach, Fla.

9:00 a.m.

VERRUCOUS CARCINOMA OF THE PERINEUM

WILLIAM T. CREASMAN
Durham, N.C.

NEUROBLASTOMA PRESENTING AS CERVICAL TUMOR

JOHN M. LUKEMAN
Houston, Tex.

SQUAMOUS CELL CARCINOMA ARISING FROM THE MUCOSA COVERING A POLYPOID SUBMUCOUS LEIOMYOMA

B. MAJMUDAR and G. R. BODNER
Atlanta, Ga.

OVARIAN SEROUS CYSTADENOCARCINOMA WITH ELEMENTS OF ENDOMETRIOID AND CLEAR CELL CARCINOMAS

R. HANK JENNINGS, JR.
Lakeland, Fla.

10:00 a.m.

INTERMISSION

10:10 a.m.

GRANULOSA CELL TUMOR IN OVARY REMOVED BECAUSE OF MAMMARY CARCINOMA

FRANCIS M. PATTON
Metairie, La.

**GRANULOSA CELL TUMOR: NATURAL HISTORY AND
DILEMMAS OF TREATMENT**

CAROLINE B. HUNTER, HERVY E. AVERETTE,
and ALISON JEAN THRESHER
Miami, Fla.

**PURE GONADAL DYSGENESIS (XY FEMALE) WITH BILATERAL
GONADOBLASTOMA AND DYSGERMINOMA**

GEORGE T. SCHNEIDER, GEORGE L. LEONARD,
WILLIAM T. MITCHELL, JR., and WILLIAM H. STERNBERG
New Orleans, La.

VIRILIZING OVARIAN TUMOR

EDWIN E. CLIZER
Spokane, Wash.

11:00 a.m.

INTERMISSION

11:10 a.m.

SCLEROSING STROMAL TUMOR OF OVARY

LAWRENCE M. ROTH,
and CLARENCE E. EHRLICH
Indianapolis, Ind.

MORTON J. ROBINSON and RAYMOND SIMMONS
Miami Beach, Fla.

**MIXED GERM CELL TUMOR OF OVARY: DYSGERMINOMA AND
ENDODERMAL SINUS TUMOR**

RONALD M. RHATIGAN and ROSILIE O. SAFFOS
Jacksonville, Fla.

MALIGNANT MIXED MESODERMAL TUMOR OF THE OVARY

JOHN W. RECORDS
Oklahoma City, Okla.

**YOUNG PREGNANT WOMAN WITH BILATERAL OVARIAN
KRUKENBERG TUMORS AND PERITONEAL AND BREAST
METASTASES**

MORTON J. ROBINSON
Miami Beach, Fla.

**Program is acceptable for three Elective hours by the American
Academy of Family Physicians.**

**Program acceptable for three hours credit in Category I of the
American Medical Association's Physician's Recognition
Award.**

SECTION ON OPHTHALMOLOGY

Co-sponsored by the Georgia Society of Ophthalmology

OFFICERS

Chairman	ROBERT C. DREWS, Clayton, Mo.
Chairman-Elect	RICHARD S. RUIZ, Houston, Tex.
Vice-Chairman	JOEL B. POLLARD, New Orleans, La.
Secretary	WILLIAM COLES, Charleston, S.C.
MAG Program Chairman	EDWARD FINEBERG, Augusta, Ga.
Guest Speaker	ARTHUR H. KEENEY, Louisville, Ky.

Saturday, November 11, 9:00 a.m.

Georgia World Congress Center
Room 207

**SESSION
#46**

PANEL DISCUSSION:

Moderator:

ARTHUR H. KEENEY,
Louisville, Ky.

Panelists:

HERBERT E. KAUFMAN,
New Orleans, La.

ALICE R. McPHERSON,
Houston, Tex.

ROBERT A. SCHIMEK,
New Orleans, La.

9:00 a.m.

WELCOME AND INTRODUCTION

ROBERT C. DREWS
Clayton, Mo.

Chairman
Section on Ophthalmology

9:05 a.m.

OCULAR MEDICATIONS AND CORNEAL ENDOTHELIUM

DAVID S. HULL
Augusta, Ga.

The effects on the corneal endothelium of epinephrine, benzalkonium chloride, acetylcholine and carbachol were studied. Corneal changes and mechanism of these changes will be discussed.

9:15 a.m.

LYMPHOCYTL REACTIVITY TO RETINAL BLASTOMA

GARY L. ROGERS
Columbus, Ohio

The author will describe a new technique in determining the titers of specific lymphocytes against retinoblastoma tumor antigen. Comparisons will be made between five retinal blastoma patients and retinoblastoma, neuroblastoma and osteogenic sarcoma grown in tumor culture.

9:25 a.m.

**RESULTS OF 100 CONSECUTIVE PENETRATING
KERATOPLASTIES UTILIZING McCARY-KAUFMAN
STORED TISSUE**

H. DWIGHT CAVANAUGH, K. MASCARELLA,
and F. PHINIZY CALHOUN, JR.
Atlanta, Ga.

Presentation by Dr. Cavanaugh

One hundred consecutive penetrating keratoplasties utilizing M-K stored tissue will be reviewed. Results will be presented which indicate M-K stored corneal tissue is safe, efficient, and reliable.

9:35 a.m.

**GHOST CELL GLAUCOMA FOLLOWING CATARACT
EXTRACTION**

DAVID G. CAMPBELL
Atlanta, Ga.

Nineteen patients were reviewed. The diagnosis was made by clinical observation on 12 and by confirmation by anterior chamber aspiration in an additional seven. Three clinical patterns emerged. Each pattern will be discussed.

9:45 a.m.

OCULAR CANDIDIASIS

V. S. NIRANKARI, VINOD LAKHANPAL,
STANLEY S. SCHOCKET, and L. THOMPSON
Baltimore, Md.

Presentation by Dr. Nirankari

The authors will highlight conditions under which candidiasis should be suspected. Emphasis will be placed on vitreous taps for early diagnosis and appropriate therapy will be discussed.

9:55 a.m.

PERIPAPILLARY LESIONS AFFECTING MACULAR FUNCTION

STUART L. FINE
Baltimore, Md.

A variety of peripapillary lesions masquerading as optic nerve disorders affect visual acuity chiefly through their influence on macular function. Among these conditions are angioid streaks, optic nerve drusen, optic pits and peripapillary choroidal neovascular membranes. The author will describe clinical presentation, angiographic findings, natural history, visual prognosis and management.

10:05 a.m.

**PERIPHERAL TRACTION DETACHMENT IN DIABETICS WITH
SICKLE CELL TRAIT**

JULIAN NUSSBAUM
Augusta, Ga.

Three patients with adult onset diabetes mellitus and sickle cell trait were seen with the typical sea fans of sickle cell retinopathy and traction detachments. In addition, posterior pole changes of background diabetic maculopathy were also seen. The association of these two distinct retinopathies in one individual is not unexpected but has not been previously described.

10:15 a.m.

OPHTHALMIC PAIN

ROBERT C. DREWS
Clayton, Mo.

Chairman
Section on Ophthalmology

Pain is the conscious interpretation of specific CNS stimulation, the input of special nerve fibers. These can be stimulated directly, as in corneal abrasion. In nontraumatic ocular pain the stimulus is exclusively inflammatory. Increased intraocular pressure without inflammation does not cause pain. In the absence of direct trauma, therefore, ocular pain can be relieved by controlling inflammation.

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

OCULAR PATHOLOGY ASSOCIATED WITH WHIPPLE'S DISEASE

THOMAS M. LELAND
and JERRE K. CHAMBERS
Charleston, S.C.

Presentation by Dr. Leland

Ocular pathology has rarely been associated with Whipple's disease. Five cases will be reported which describe previously unreported ocular manifestations—uveitis, glaucoma, epiphora, superficial punctate keratitis and fibrovascular pannus.

11:10 a.m.

ELISA TEST FOR OCULAR TOXOCARA

ZANE F. POLLARD
Atlanta, Ga.

The new Elisa test (enzyme-linked-immunosorbant-assay) helps in the diagnosis of toxocara. Twenty-nine patients will be presented where the correlation is approximately 90%. The author will explain the correlation and discuss clinical presentation, laboratory procedure and pathologic correlation in three cases.

11:20 a.m.

EPIRETINAL DISECTION IN PARS PLANA VITREO-RETINAL SURGERY

RONALD G. MICHELS
Baltimore, Md.

Recent advances in vitreo-retinal surgical methods provide techniques to mechanically separate and remove cortical vitreous and cellular membranes from the inner surface of the retina. These techniques are employed in treatment of several disease states including proliferative retinopathies and eyes with macular pucker due to various causes. The author will describe the techniques of surgery, present his experience in treatment of epiretinal membranes of various types and review the light and electron microscopic features of the epiretinal tissues removed.

11:30 a.m.

RETINAL DETACHMENTS AND PSEUDOPHAKIA

WILLIAM B. SNYDER, IRA H. BERNSTEIN,
ALBERT VAISER, WILLIAM L. HUTTON,
and DWAIN FULLER
Dallas, Tex.

Presentation by Dr. Snyder

Two groups of eyes with retinal detachments were analyzed: 31 consecutive operable pseudophakic eyes and 100 consecutive aphakic eyes. Significant differences were found with respect to the position of retinal breaks. In pseudophakic eyes the greatest problem is adequate view of the retinal periphery. Other complications do occur in pseudophakia. Despite these factors, the conclusion is that pseudophakic eyes with rhegmatogenous retinal detachments have good prognosis.

11:40 a.m.

MALIGNANT MENINGIOMA—ORBITAL PRESENTATION

LAWRENCE E. HANNON, II
Augusta, Ga.

A 62 year old man presented with a one week history of unilateral painful proptosis. Examination revealed orbital swelling, poor extraocular movement and papilledema O.D. CAT scan showed a sphenoid tumor projecting into the orbital apex. Open biopsy revealed malignant meningioma. This may be the first reported orbital presentation of this very rare tumor. Clinical and pathological findings will be presented.

11:47 a.m.

COMPLICATIONS IN THE TREATMENT OF SMALL CHOROIDAL MELANOMAS

PAUL C. SALMONSEN
Houston, Tex.

A series of small choroidal melanomas treated by means other than enucleation will be described. The results obtained and the complications encountered will be presented.

11:54 a.m.

PEARL CYSTS OF THE ANTERIOR CHAMBER

ALVIN W. NORTH
Atlanta, Ga.

A case report of pearl cysts of the anterior chamber in a 56 year old white woman will be presented. A large 8 x 10 mm cyst of the anterior chamber secondary to trauma was removed. The technique will be described and the pathology will be reviewed.

Saturday, November 11, 1:30 p.m.

Georgia World Congress Center
Room 207

SESSION #47

PANEL DISCUSSION:

Moderator:

ARTHUR H. KEENEY,
Louisville, Ky.

Panelists:

WILLIAM B. SNYDER,
Dallas, Tex.

WILLIAM S. HAGLER,
Atlanta, Ga.

GEORGE M. HAIK, SR.,
New Orleans, La.

1:30 p.m.

INTRODUCTIONS

ROBERT C. DREWS
Clayton, Mo.

1:35 p.m.

TREATMENT OF SUBRETINAL NEOVASCULARIZATION

FRANK C. BELL
Atlanta, Ga.

Subretinal neovascularization is the basic etiology of many of the maculopathies leading to loss of central vision. A discussion will be given of the indications and techniques for treating subretinal neovascularization in various maculopathies.

1:45 p.m.

**CLINDAMYCIN EFFECTS ON OCULAR TOXOPLASMOSIS
IN THE HUMAN: A PRELIMINARY REPORT**

JAMES G. FERGUSON, JR.
Columbia, S.C.

The use of clindamycin hydrochloride hydrate (Cleocin®) in four patients with active retinochoroiditis secondary to toxoplasmosis will be discussed. Results of the treatment in these patients treated subconjunctivally on alternate days for 30 days will be presented.

1:55 p.m.

**SIMPLIFIED EXTRACAPSULAR EXTRACTION AND NEW
TECHNIQUES IN LENS IMPLANTATION**

C. WILLIAM SIMCOE
Tulsa, Okla.

A new procedure for safe, simple extracapsular lens extraction without complex fluid inflow/outflow apparatus will be presented. Further new safeguards including instruments and intraocular lens fixation methods will be described.

2:05 p.m.

GELATIN IMPLANTS IN SCLERAL BUCKLING PROCEDURES

ALICE R. McPHERSON and ROBERT W. BUTNER
Houston, Tex.

Presentation by Dr. Butner

One hundred consecutive segmental scleral buckling procedures using intrascleral gelatin implants have been evaluated as to retinal detachment characteristics, rate of anatomical reattachment, surgical techniques, complications and pre and postoperative visual acuity and intraocular pressure. Recommendations concerning case selection and surgical technique will be presented.

2:15 p.m.

COATS' DISEASE IN THE ADULT

JAMES PRICE and DONALD F. NAEGELE
Lubbock, Tex.

Presentation by Dr. Price

Coats' disease and Leber's miliary retinal aneurysms should be classified as one of the retinal vascular anomalies. Older patients were found to have vascular anomaly located in a different retinal region than those found in the juvenile patient. A true adult form of the disease exists. Features and treatment of these patients will be discussed.

2:25 p.m.

ENLARGEMENT OF A HISTOLOGICALLY DOCUMENTED CHOROIDAL NEVUS

WILLIAM A. MacILWAINE, IV, BANKS ANDERSON, JR.,
and GORDON K. KLINTWORTH
Durham, N.C.

Presentation by Dr. MacIlwaine

Growth of a pigmented mass of the choroid in an adult is not infallible evidence of malignancy. A histologically proven choroidal nevus which remained stable for six years was then documented to increase in size. The lesion stained on fluorescein angiography, produced a visual field defect, and differentially took up radiophosphorus.

2:32 p.m.

COEXISTING CENTRAL SEROUS CHOROIDOPATHY AND RETINITIS PIGMENTOSA

MARY LOU LEWIS
Miami, Fla.

A case report of a patient with retinitis pigmentosa, who developed multiple serous detachments of the retinal pigment epithelium in both eyes, followed by a serous detachment of the sensory retina in one eye several years later, will be given. The subretinal fluid resolved after argon laser treatment.

2:39 p.m.

CHOROIDAL AND RETINAL VASCULAR FINDINGS IN ORBITAL MUCORMYCOSIS

BAXTER McLENDON
Charleston, S.C.
EDWARD FINEBERG
Augusta, Ga.

Presentation by Dr. McLendon

A 14 year old girl with diabetes mellitus developed severe bilateral orbital and cerebral involvement due to mucormycosis. During the course of her illness we observed wedge-shaped zones of choroidal infarction nasally in each eye, in addition to retinal vascular changes isolated to the peripapillary capillaries. These rarely documented fundus changes in view of known histopathologic changes will be discussed.

2:46 p.m.

HEMORRHAGIC DETACHMENT OF THE MACULA IN SUBACUTE SCLEROSING ENCEPHALITIS

VINOD LAKHANPAL, STANLEY S. SCHOCKET,
V. S. NIRANKARI, and STEPHEN B. HAMEROFF
Baltimore, Md.

Presentation by Dr. Lakhanpal

A 14 year old black girl with bilateral visual loss, a behavior disorder, bilateral papillitis and hemorrhagic and serous detachment of the macula of the right eye will be presented. The patient developed gaze palsy, cortical blindness and classical myoclonic jerks. Investigations confirmed the diagnosis of SSPE. Hemorrhagic macular detachment has not been previously reported with this condition.

3:05 p.m.

INTERMISSION—VISIT EXHIBITS

3:35 p.m.

**ARTERIOVENOUS ANASTOMOSES AND
NEOVASCULARIZATION IN THE PERIPHERAL RETINA**

MICHAEL A. BLOOME
Houston, Tex.

A case of bilateral peripheral arteriovenous anastomoses with neovascularization will be reported in a patient with a negative medical evaluation. These anastomoses may originate from anomalous vessels or as a secondary shunt in peripheral occlusive disease of the retinal arterioles. Early neovascularization is characteristic of the latter and is probably the result of hypoxic retina.

3:45 p.m.

OUTPATIENT INTRAOCULAR LENS SURGERY

ROBERT C. KARLSBERG
Jupiter, Fla.

I have been performing this outpatient surgery very successfully for the past three years. The patients have been satisfied, there have been no complications, and there is a marked reduction in expenses (for both the patient and Medicare), since no hospitalization is required. Immediate ambulation is encouraged, and most patients are able to play golf or tennis within the first 24 hours after operation.

3:55 p.m.

OCULAR FINDINGS IN BOTULISM

JESSEE HALPERN
Lubbock, Tex.

The ocular findings in several cases of botulism seen during a recent outbreak will be described. The ocular findings in botulism will be reviewed and compared with the present series.

4:05 p.m.

**BRANCH VEIN, SENILE MACULAR DEGENERATION AND
HISTOPLASMOSIS: NEW RANDOMIZED CLINICAL TRIALS—
BRANCH VEIN* AND MACULAR** STUDY GROUPS**

*J. G. CLARKSON, K. R. DIDDIE,
STUART L. FINE, D. FINKELSTEIN, H. M. FREEMAN,
J. D. M. GASS, M. F. GOLDBERG, A. W. KIMBALL,
J. W. McMEEL, D. H. ORTH, ARNALL PATZ,
S. J. RYAN, C. L. SCHEPENS, C. L. TREMPPE,
M. TSO, **D. BURGESS, A. HILLES,
and T. F. SCHLAEGEL
Baltimore, Md.

Presentation by Dr. Finkelstein

The authors will outline the multiuniversity center randomized clinical trials to determine the efficacy of laser photocoagulation in the management of: (1) branch vein occlusion; (2) "senile" macular degeneration; and (3) the presumed ocular histoplasmosis syndrome.

4:15 p.m.

**SUDDEN MONOCULAR BLINDNESS FOLLOWING
INTRATURBINATE INJECTION OF DEPOSITORY STEROID
PREPARATION**

JOHN L. DAVIS, III,
and JOHN A. DAVIDSON
Atlanta, Ga.

Presentation by Dr. Davis

Sudden blindness has been described previously following injection of common drugs in the head and neck region. A case will be reported

of a 33 year old woman who developed sudden loss of vision in the left eye following nasal septal reconstruction and injection of micronized methylprednisolone acetate.

4:22 p.m.

CONGENITAL RETINAL ARTERIAL LOOP WITH SPONTANEOUS VITREOUS HEMORRHAGE

JEAN EDWARDS HOLT and EDWARD FINEBERG
San Antonio, Tex.

Presentation by Dr. Holt

Congenital arterial loops rarely cause ocular symptoms or complications. Only two previous cases have been reported describing traumatic rupture of this vascular anomaly. A case report of a spontaneous vitreous hemorrhage from an arterial loop well documented with fundus photography and fluorescein angiography will be presented.

4:29 p.m.

CORNEAL ULCERATION SECONDARY TO INTESTINAL SHIGELLA SONNEI

DANIEL L. ROPER
Barksdale AFB, La.

The first documented case of corneal ulcer due to *Shigella sonnei* in which the organism was recovered from the stool will be reported. Direct fecal-ocular inoculation will be postulated. Other cases of *Shigella sonnei* in the literature will be reviewed.

4:36 p.m.

DELETION OF CHROMOSOME 13 RETINOBLASTOMA

ROBERT MOURA
Houston, Tex.

The 15th case of deletion of the long arm of chromosome 13 and retinoblastoma will be presented. Features of the case will be reviewed. Genetic family investigation will also be presented.

4:43 p.m.

MANAGEMENT OF PTERYGIA

KENNETH G. HAIK
and WALTER L. TERRELL, III
New Orleans, La.

Presentation by Dr. Haik

The paper deals with the current thinking of management of the patient with pterygium by the use of surgery plus beta-radiation, with consideration of thiotepa.

Sunday, November 12, 9:00 a.m.

Georgia World Congress Center
Room 207

SESSION #48

PANEL DISCUSSION:

Moderator:

EDWARD FINEBERG,
Augusta, Ga.

Panelists:

DAVID S. HULL,
Augusta, Ga.

JOHN C. RIESER,
Atlanta, Ga.

WILLIAM S. HAGLER,
Atlanta, Ga.

CLINTON D. McCORD, JR.,
Atlanta, Ga.

9:00 a.m.

INTRODUCTIONS

ROBERT C. DREWS
Clayton, Mo.

9:05 a.m.

RESUTURING A MEDALLION IMPLANT THROUGH A SMALL INCISION

DELMAR R. CALDWELL
New Orleans, La.

The author will describe a modification of the McCannel suturing technique which allows the Medallion lens to be resutured through a small limbal incision without loss of the anterior chamber and with no corneal endothelial trauma.

9:15 a.m.

GLAUCOMA VALVE IMPLANT

ALAN I. MANDELL
Memphis, Tenn.

A detailed description of the valve and technique of implantation of a new glaucoma valve will be presented. The results will demonstrate the efficacy of this glaucoma valve in neovascular glaucoma, uncontrolled secondary glaucoma and in cases of failed filtering procedures using standard surgical techniques.

9:25 a.m.

IMPLANTS FOR NEOVASCULAR GLAUCOMA

JERRE K. CHAMBERS
Charleston, S.C.

Neovascular glaucoma is the most common cause of enucleation among diabetic patients at the Medical University of South Carolina, despite improved medical management, photocoagulation and cryotherapy. A glaucoma implant operation has shown good initial results. The first 12 months' experience with this new implant will be presented.

9:35 a.m.

EXTRACAPSULAR CATARACT EXTRACTION WITH INSERTION OF INTRAOCULAR LENS

JAMES P. GILLS
New Port Richey, Fla.

Fourteen important points of extracapsular cataract extraction will be emphasized. The importance of preoperative preparation of the patient with techniques of capsular opening, handling of the nucleus and delivery of the nucleus will be brought out. The delivery and irrigation by various techniques will be discussed with the pros and cons of each technique.

9:45 a.m.

VITRECTOMY FOR COMPLICATIONS OF SENILE CATARACT SURGERY

C. P. WILKINSON and JOHN S. ROBINSON
Oklahoma City, Okla.

Presentation by Dr. Wilkinson

During the past three years, 81 closed vitrectomies have been performed for complications of elective cataract surgery in patients over 40 years of age. The authors will summarize their indications and results in dealing with the complications.

9:55 a.m.

SCLERAL BUCKLING FOR RETINAL DETACHMENT WITHOUT ENCIRCLEMENT

PETER H. MORSE
New Orleans, La.

The technique for scleral buckling, without the use of encircling elements, will be discussed. Guidelines for modifications of the procedure and surgical technical details will be presented. Success with the technique is comparable to techniques using encircling elements.

10:05 a.m.

**PROTECTION OF THE EYE FROM IONIZING RADIATION:
FACTORS IN CATARACTOGENESIS AND
NEOVASCULARIZATION**

ARTHUR H. KEENEY
Louisville, Ky.
Guest Speaker
Section on Ophthalmology

10:35 a.m.

INTERMISSION—VISIT EXHIBITS

11:05 a.m.

MINI-BLOCK LEVATOR CONJUNCTIVAL RESECTION

ROBERT A. SCHIMEK
New Orleans, La.

Results of a mini-block levator conjunctival resection analyzed over the past 20 years will be presented. Advantage of the adjustable suture allows adjustment of overcorrection. Asymmetry of lid folds was the most frequent cause of cosmetic dissatisfaction. Methods to avoid this will be recommended.

11:15 a.m.

VISUAL FIELDS IN APHAKIA HARD CONTACT LENSES

EDWARD C. GELBER, and JEFF SAGER
Miami, Fla.
HOWARD BROWN
Memphis, Tenn.

Presentation by Dr. Gelber

The recording of accurate and reproducible visual fields in aphakes is important. Lens-induced magnification, peripheral distortion and ring scotoma complicate this recording. These optical problems will be discussed. A system of four aspheric hard contact lenses has been developed which is easily integrated into the daily office routine and overcomes the usually encountered artifacts of visual field testing in aphakes.

11:25 a.m.

USES OF SILASTIC TUBING IN LACRIMAL SURGERY

HAROLD L. BEALE
Memphis, Tenn.

Silastic canalicular intubation is a very valuable technique for salvaging various conditions in lacrimal surgery. An analysis of 345 patients in whom lacrimal surgery has been performed brings forward many new uses of Silastic canalicular tubing. Conditions which previously were corrected only with a conjunctivorhinostomy have, in some instances, been salvaged with the Silastic tube.

11:35 a.m.

**THE MUSTARDÉ CHEEK FLAP FOR LOWER LID
RECONSTRUCTION: CAUSES AND PREVENTION OF FAILURE**

MICHAEL A. CALLAHAN
Birmingham, Ala.

Pre and postoperative pictures of 40 patients having the Mustardé cheek flap for lower lid reconstruction have been carefully reviewed. The most frequent complication, flap retraction and sag, may be minimized by certain modifications of the original technique. These modifications will be discussed in detail.

11:45 a.m.

**EARLY VISUAL REHABILITATION IN APHAKIC TRANSPLANTS
USING LARGER DONOR BUTTONS AND RUNNING 10-0 NYLON**

THOMAS O. WOOD
Memphis, Tenn.

Aphakic transplants were evaluated to see which group obtained the best vision prior to suture removal. Three groups were compared: (1) combined corneal transplants and cataract; (2) aphakic bullous keratopathy; and (3) corneal transplant and intraocular lens. Combined corneal transplants and cataracts obtained useful vision earlier than the other two groups.

Sunday, November 12, 1:00 p.m.

Georgia World Congress Center
Room 207

SESSION #49

**SYMPOSIUM ON
INTRAOCULAR LENSES**

Moderator:

HENRY M. CLAYMAN,
Miami, Fla.

1:00 p.m.

INTRODUCTION: INTRAOCULAR LENSES PAST AND PRESENT

HENRY M. CLAYMAN
Miami, Fla.

1:15 p.m.

**INTRACAPSULAR VS. EXTRACAPSULAR LENS
IMPLANTATION**

ROBERT C. DREWS
Clayton, Mo.

1:45 p.m.

PHACOEMULSIFICATION AND LENS IMPLANTATION

LYLE MOSES
Cleveland, Ohio

2:15 p.m.

CORNEAL COMPLICATIONS OF LENS IMPLANTS

HERBERT E. KAUFMAN
New Orleans, La.

2:45 p.m.

STERILITY OF LENS IMPLANTS

MILES A. GALIN
New York, N.Y.

3:15 p.m.

INTERMISSION—VISIT EXHIBITS

3:45 p.m.

RETINAL COMPLICATIONS OF LENS IMPLANTS

DON H. NICHOLSON
Miami, Fla.

4:15 p.m.

VITREOUS SURGERY AND LENS IMPLANTS

DANIEL EICHENBAUM
Miami, Fla.

4:45 p.m.

PANEL DISCUSSION

Moderator:

HENRY M. CLAYMAN,
Miami, Fla.

Monday, November 13, 9:00 a.m.

Georgia World Congress Center
Room 207

SESSION #50

PANEL DISCUSSION:

Moderator:

RICHARD S. RUIZ,
Houston, Tex.

Panelists:

WILLIAM W. VALLOTTON,
Charleston, S.C.

WILLIAM S. HAGLER,
Atlanta, Ga.

9:00 a.m.

INTRODUCTIONS

ROBERT C. DREWS
Clayton, Mo.

9:05 a.m.

CATARACT SURGERY AT A FREE STANDING AMBULATORY SURGICAL FACILITY

JERRY ZELMAN
Hialeah, Fla.

The patient comfort and lack of preoperative anxiety make ambulatory cataract surgery very attractive to the patient and the surgeon. A well-equipped operating room with an experienced anesthesiologist and nursing personnel make the operative experience as safe and pleasant as possible. The cost savings to the insurance companies average approximately \$500 per operation. On a nationwide scale these potential savings are truly impressive.

9:15 a.m.

LASER IRIDOTOMY

THOMAS S. HARBIN, JR.
Atlanta, Ga.

Iridotomy by argon laser was successful in 85% of 55 eyes. Complications include corneal burns, pigment liberation and elevated pressure,

but were not significant to affect visual outcome or pressure control. Advantages include avoiding hospitalization, opening the eye and retrobulbar injection. Procedure compared to peripheral iridectomy appears to be better.

9:25 a.m.

PATHOLOGIC STUDY OF DEPOSITS ON THE SURFACE OF INTRAOCULAR LENSES

DAVID E. EIFRIG
Chapel Hill, N.C.

In the implantation of intraocular lenses in New Zealand white rabbits a few of the lenses were noted to have deposits similar to those seen in human patients on the surface of the lenses. Clinical photographs of the lenses in situ in the laboratory animals will be shown with appropriate clinical pathologic correlations describing the nature of these deposits.

9:35 a.m.

DARKROOM EYE PHOTOGRAPHY

THOMAS J. SCHERMERHORN
Atlanta, Ga.

New developments and clinical applications of darkroom eye photography will be described. Methods on how to photograph the central ocular media, pupil, lens and fundus in the dark without the requirements of drops will be given. Advantages will be reported.

9:45 a.m.

ORBITAL DECOMPRESSION THROUGH AN INFERIOR FORNIX

CLINTON D. McCORD, JR.
Atlanta, Ga.

Orbital decompression has been indicated in certain cases of dysthyroid exophthalmos in patients with benign tumors which cannot be removed by conventional methods. The most effective type of decompression is believed to be removal of the floor of the orbit and a portion of the ethmoid bones. The transantral approach and a fornix incision with a lateral canthotomy ("swinging eyelid flap") will be compared.

9:55 a.m.

CATARACT EXTRACTION-TRABECULECTOMY

JOHN C. RIESER
Atlanta, Ga.

The results of 70 cataract extractions-trabeculectomies followed closely from eight to 54 months will be presented. Ninety percent of eyes have a normalization of intraocular pressure. The pressure results are permanent. Details of the operative procedure and post-operative management, as well as emphasis on complications, will be presented.

10:05 a.m.

INTERMISSION—VISIT EXHIBITS

10:35 a.m.

CRYOTREATMENT IN TOXOPLASMOSIS RETINOCHOROIDITIS

HAROLD N. JACKLIN
Greensboro, N.C.

Cryotreatment was utilized in a series of patients with recurrent toxoplasmosis retinochoroiditis. All patients showed gradual improvement in vision and resolution of their acute and chronic inflam-

mation where medical management had failed. No recurrence has been noted during follow-up periods of six months to six years.

10:45 a.m.

**PRINCIPLES AND MECHANISMS IN JUDGMENT CONCERNING
INTRAOCULAR LENSES**

ARTHUR H. KEENEY
Louisville, Ky.

Guest Speaker
Section on Ophthalmology

11:15 a.m.

PRESUMED OCULAR TOXOCARIASIS

JOHN H. DROUILHET and RICHARD S. RUIZ
Houston, Tex.

Presentation by Dr. Drouilhet

Ocular toxocariasis usually affects children. It has many ocular manifestations. Two patients, 22 and 42 years old, with posterior pole granuloma will be discussed. The clinical diagnosis was presumed ocular toxocariasis. Both were successfully treated with photocoagulation. Ocular toxocariasis and its treatment will be discussed.

11:25 a.m.

RING PHOTOCOAGULATION OF THE RETINAL PERIPHERY

R. SLOAN WILSON
Little Rock, Ark.

A technique of 360° equatorial (peripheral) photocoagulation with either the argon laser or xenon unit will be described. A series of 50 patients with a variety of conditions including retinal detachment prophylaxis, hereditary vitreoretinal diseases, RLF, and planned silicone buckling removal will be reported and illustrated. The advantages of this technique include convenience of treatment, effectiveness of chorioretinal lesions, and lack of vitreous contracture and macular pucker.

11:35 a.m.

**MANAGEMENT OF MAGNETIC AND NONMAGNETIC
INTRAOCULAR FOREIGN BODIES**

WILLIAM S. HAGLER,
WILLIAM H. JARRETT,
and JOHN OLIVER
Atlanta, Ga.

Presentation by Dr. Hagler

A retrospective survey of 106 patients operated for intraocular foreign body over the past ten years was performed. Retinal detachment was the major cause of visual loss. The technique for minimizing retinal detachment and other major complications will be presented. The role of pars plana vitrectomy will be considered.

11:45 a.m.

JUVENILE RETINOSCHISIS

AMIR ARBISSER and RICHARD S. RUIZ
Houston, Tex.

Presentation by Dr. Arbisser

X-linked juvenile retinoschisis may be more common than previously believed. It may be seldom diagnosed due to its wide range of clinical

expression. In our pedigree each affected member manifests different macular findings. The identification of the propositus led to male relatives with atypical and previously undiagnosed maculopathies.

11:55 a.m.

**BUSINESS MEETING,
SECTION ON OPHTHALMOLOGY**

Program is acceptable for 16.5 Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

SECTION ON ORTHOPEDIC AND TRAUMATIC SURGERY

Co-sponsored by the Georgia Orthopaedic Society

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MAG Program Chairman	ALFRED COLQUITT, III, Marietta, Ga.
Guest Speaker	C. McCOLLISTER EVARTS, Rochester, N.Y.

Saturday, November 11, 9:00 a.m.-5:00 p.m.

Georgia World Congress Center
Exhibit Hall-Room 102

Postgraduate Course on

**CARE OF THE MULTIPLE
INJURED PATIENT**

See Program on page 27.

Saturday, November 11, 6:00-8:00 p.m.

Peachtree Plaza Hotel
French Room

Reception for members, wives, and guests of the Section on Orthopedic and Traumatic Surgery.

Sunday, November 12, 9:00 a.m.

Georgia World Congress Center
Room 206

SESSION #51

ALFRED COLQUITT, III
Marietta, Ga., presiding

9:00 a.m.

**KNEE ARTHROGRAPHY: A SIMPLE DIAGNOSTIC OFFICE
PROCEDURE**

RICHARD L. GAERTNER
Vienna, Va.

Arthrography of the knee is a simple, effective diagnostic procedure that can be performed by the orthopedist in the office with routine x-ray equipment and without the need of fluoroscopy. Over a four-year period 163 knee arthrograms were done in the office on patients with chronic knee complaints. Of 103 arthrograms which were positive for derangement of the menisci, 77 had operation. There were 55 arthrograms classified as "normal," and of this group 23 had associated knee problems ranging from chronic subluxation of the patella to osteochondritis dissecans, with 15 of these patients subsequently undergoing surgery for their primary problem. Four others demonstrated an isolated popliteal cyst in an otherwise normal arthrogram. There were no complications. Indications, techniques, and results will be discussed in detail.

Discussant:

EDGAR FILSON,
Savannah, Ga.

9:15 a.m.

SYNOVECTOMY OF THE ELBOW AND EXCISION OF THE RADIAL HEAD IN RHEUMATOID ARTHRITIS

WARREN G. LOW and J. PATRICK EVANS
Oklahoma City, Okla.

Presentation by Dr. Low

A series of 25 patients with 29 operative procedures is reviewed. Follow-up ranges from four months to nine years. The operative procedure and postoperative care will be described. Results indicate this procedure to be a lasting one which provides satisfactory relief of pain and preservation of function in the rheumatoid elbow. Indications and alternatives to the procedure will be discussed.

Discussant:

GRADY S. CLINKSCALES, JR.,
Atlanta, Ga.

9:30 a.m.

A SIMPLE FORM OF CONSERVATIVE TREATMENT FOR AC JOINT SEPARATION

JOHN GLASSON, RALPH W. COONRAD
and PETER WHITFIELD
Durham, N.C.

Presentation by Dr. Whitfield

The pendulum of treatment for AC joint separation has traversed the gamut of many open and closed methods since Cadenat's description in 1917. Grade II and III injuries have had many proponents for either totally closed or early open treatment. The authors present a small number of patients with grade II and III injuries with satisfactory functional and cosmetic results, treated with figure-of-eight strapping or casts. The rationale for treatment is similar to that for clavicular fractures.

Discussant:

FRED L. ALLMAN, JR.,
Atlanta, Ga.

9:45 a.m.

THE MODIFIED BRISTOW OPERATION FOR RECURRENT ANTERIOR SHOULDER DISLOCATION

LAMAR L. FLEMING, DAVID M. DRVARIC,
and LARRY S. ANDREWS, RPT
Atlanta, Ga.

Presentation by Dr. Fleming

A review of 30 cases of the modified Bristow procedure for recurrent anterior dislocation of the shoulder is presented. Results on ten patients who returned for examination were excellent. There was one case of recurrent dislocation. The average limitation of motion was 45 degrees of external rotation and 60 degrees of abduction. All patients were satisfied with their surgery and 80% were able to return to their preoperative employment and/or activities without significant pain. Two out of ten patients had screw loosening and nonunion of bone. The presentation of this complication will be discussed.

Discussant:

ROBERT E. WELLS,
Atlanta, Ga.

10:00 a.m.

A POSITIVE METHOD OF ACROMIOCLAVICULAR DISLOCATION REPAIR

CHARLES E. VIRGIN and HERBERT W. VIRGIN
Miami, Fla.

Presentation by Dr. Charles Virgin

A review of 72 selected cases of acromioclavicular dislocation in professional athletes, laborers, and highly competitive amateur athletes will be presented. A review of the anatomy with emphasis on the oblique component of the coracoclavicular ligaments will be presented, together with a description of a positive method of surgical reconstruction using fascia lata and a Bosworth screw. Surgical results will be discussed.

Discussant:

JOHN POWERS,
Charlotte, N.C.

10:15 a.m.

SURGICAL ASEPSIS

A. WILLIAM DUNN
New Orleans, La.

Chairman

Section on Orthopedic
and Traumatic Surgery

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

TENDON GRAFTS: SOURCES, AVAILABILITY AND IMPROVED HARVESTING TECHNIQUES

JOHN S. GOULD
Birmingham, Ala.

Between August 1975 and February 1978 57 grafts were used for one- and two-stage flexor tendon grafting, flexor and extensor interposition, the "anchovie" procedure, and prolongation of tendon transfers. Indications for specific tendons, suitability, availability, and improved harvesting methods will be discussed. Plantaris availability (89%), suitability (79%), variable distal anatomy, and a new rapid technique for obtaining the long toe extensors will be described.

Discussant:

FRANCIS M. WATSON,
Atlanta, Ga.

11:15 a.m.

TENDON ARTHROPLASTY OF THE FIRST METACARPAL PHALANGEAL JOINT OF THE HAND

CLARK D. MOORE and C. L. McDOWELL
Richmond, Va.

Presentation by Dr. Moore

Proper function of the trapeziometacarpal joint is crucial to normal function of the hand. The present series reports on the result of 12 tendon arthroplasties of this joint performed in 11 patients with both osteoarthritis and rheumatoid arthritis. The follow-up ranges from six months to six years with an average of three years. Complete relief of pain and excellent cosmetic appearance was achieved in all patients. Range of motion was preserved and grip strength was improved to allow all but the most strenuous of activities. All patients except one were restored to their previous occupation. The tendon arthroplasty of the trapeziometacarpal joint appears to be a reliable means of rehabilitating the arthritic thumb.

Discussant:

LAMAR L. FLEMING,
Atlanta, Ga.

11:30 a.m.

THROMBOEMBOLIC DISEASE UPDATE

C. McCOLLISTER EVARTS
Rochester, N.Y.

Guest Speaker
Section on Orthopedic
and Traumatic Surgery

12:00 noon

**BUSINESS MEETING,
SECTION ON ORTHOPEDIC AND
TRAUMATIC SURGERY**

Sunday, November 12, 2:00 p.m.

Georgia World Congress Center
Room 206

SESSION #52

RESIDENTS' COMPETITION

2:00 p.m.

**PRIMARY EXCISION OF THE DISTAL CLAVICLE WITH
REPAIR OF THE CORACOCALVICULAR AND
ACROMIOCALVICULAR LIGAMENTS FOR ACUTE
ACROMIOCALVICULAR SEPARATIONS:
A 20-YEAR STUDY OF 122 PATIENTS**

MICHAEL J. SMITH and MARCUS J. STEWART
Memphis, Tenn.

Presentation by Dr. Smith

A clinical review of acromioclavicular separations treated surgically at the Campbell Clinic from 1956 to 1976 will be reported. The results of a group of patients treated with excision of the distal clavicle and repair of the ligaments is compared to a group treated with repair of the ligaments alone. Excision of the distal clavicle significantly decreased the incidence of degenerative joint disease and arthralgia. A total of 86 patients were reevaluated, with an average follow-up of 4.4 years. The two groups will be compared as to their subjective evaluation, physical differences, degenerative changes, and residual functional results.

Discussant:

JACK C. HUGHSTON,
Columbus, Ga.

2:15 p.m.

SURGICAL REPAIR OF THE SHOULDER ROTATOR CUFF

TERRY L. WHIPPLE and J. LEONARD GOLDNER
Durham, N.C.

Presentation by Dr. Whipple

Twenty surgical repairs of the shoulder rotator cuff will be reviewed and compared with other reported series. Although patient selection remains controversial, evidence suggests that males, white collar workers, and individuals with lesions of traumatic origin tend to achieve better functional results and subjective relief than their counterparts. Considered alone, neither timing of the repair nor the patient's age affected the result. The deltoid may be split or reflected, and resection of the anterior-inferior portion of the acromion (Neer) is recommended. Immobilization in abduction is not indicated, and initial mobilization should be professionally supervised. Surgical repair of the rotator cuff generally carries a guarded prognosis and should be undertaken with considerable discretion.

Discussant:

EDWARD C. LOUGHLIN,
Atlanta, Ga.

2:30 p.m.

REVIEW OF THUMB CARPOMETACARPAL PROSTHETIC REPLACEMENT: NIEBAUER PROSTHESIS

NORMAN SELTZER, LAMAR L. FLEMING,
and BOBBIE PERSON, OTR
Atlanta, Ga.

JOHN S. GOULD
Birmingham, Ala.

Presentation by Dr. Seltzer

Twenty-five patients with both osteoarthritis and rheumatoid arthritis had a Cutter/Niebauer trapezium arthroplasty for carpometacarpal arthritis of the thumb. All patients were recalled for range-of-motion and grip determinations by the authors. At two-year follow-up it was found that one arthroplasty had to be revised due to dislocation of the prosthesis after a fall. All other prostheses were stable and well positioned. All patients demonstrated a significant increase in pinch power as compared to preoperative determinations, but none regained what was considered to be a normal pinch. All patients showed minor restrictions in motion, none being greater than 20° in magnitude. Cosmetically, all patients were improved, and thought they had benefited from the procedure. Pain was markedly reduced in all patients.

Discussant:

JAMES L. BECTON,
Augusta, Ga.

2:45 p.m.

LEGG-CALVÉ-PERTHES DISEASE: LONG-TERM EVALUATION OF NONOPERATIVE TREATMENT

FRANK B. KELLY, JR., S. TERRY CANALE,
and R. RILEY JONES
Memphis, Tenn.

Presentation by Dr. Kelly

The purpose of this study is twofold: (1) to clinically and radiographically review the long-term results of the ambulatory, noncontainment treatment of Legg-Calvé-Perthes disease at the Campbell Clinic and (2) to determine those factors that might help predict which children would benefit from more intensive management by operative or nonoperative containment. Eighty hips were reevaluated at an average follow-up of 22.4 years. Results were good in 80%, fair in 11%, and poor in 9%. The patients with fair results had no clinical symptoms, despite an unacceptable roentgenographic appearance. It was determined that the hips most susceptible to unsatisfactory results were those with Catterall type III or IV involvement and onset at age 6 or above. Use of Catterall's classification as a therapeutic guide was limited, however, in that an involved hip could not be accurately classified for an average of 8.1 months after onset of disease. Identification of "head at risk" signs appeared to add little as a prognostic index or therapeutic guide.

Discussant:

JOSEPH H. DIMON,
Atlanta, Ga.

3:00 p.m.

CURRENT MANAGEMENT OF PROXIMAL FOCAL FEMORAL DEFICIENCY

L. ANDREW KOMAN and LESLIE C. MEYER
Greenville, S.C.

Presentation by Dr. Koman

From 1927 to 1977, 88 patients with proximal femoral focal deficiency have been managed at the Shriners Hospital for Crippled Children in Greenville, S.C. Involvement was bilateral in 24 patients and unilateral

in 64, comprising the 112 involved femurs reviewed with an average follow-up of 6.2 years. Patients were classified using the Aitken system and were evaluated in terms of prosthetic management, surgical procedures, function, and roentgenographic and clinical appearance. The absence of a genetic basis, predisposing gestational factors, or specific causal insult was confirmed, and the high incidence of associated congenital anomalies was verified and enumerated. Surgical procedures and complications were reviewed, and a patient-oriented treatment regimen was based on classification and associated anomalies.

Discussant:

RICHARD KING,
Atlanta, Ga.

3:15 p.m.

RESULTS OF KNEE REPLACEMENT WITH HINGE AND CONDYLAR PROSTHESIS—A COMPARATIVE STUDY

FRANK C. WILSON and DAVID M. FAJGENBAUM
Chapel Hill, N.C.

Presentation by Dr. Fajgenbaum

Seventy-four knees replaced with Walldius prostheses and 33 with geometric replacements were studied prospectively. The follow-up ranged from 6 to 162 months (average 53) for the Walldius and 6 to 55 months (average 27) for the geometric prostheses. Using a 100-point clinical rating scale, the knees of patients who had Walldius replacement improved an average of 33 points (44 to 77), and those with geometric prostheses improved 23 points (54 to 77) from their preoperative status. Twenty Walldius prostheses in 12 patients were followed up for more than 100 months (average 122). The rating of the average knee in this group improved 39 points (41 to 80), which has been maintained throughout the follow-up period. In seven patients one knee was replaced with a Walldius and one knee with a geometric prosthesis. Although the ratings were similar, four patients preferred the Walldius knee, two the geometric, and one had no preference. Significant technical errors or complications (defined as those affecting the end result) occurred in 11% of the Walldius and 6% of the geometric group. There were two late infections in each group. One Walldius prosthesis was removed and the knee was fused. The other three infected prostheses (one Walldius and two geometric) were salvaged.

Discussant:

RICHARD N. WRENN,
Charlotte, N.C.

3:30 p.m.

INTERMISSION—VISIT EXHIBITS

4:00 p.m.

FRACTURES OF THE PROXIMAL TIBIAL EPIPHYSEAL CARTILAGE

WALTER R. SHELTON and S. TERRY CANALE
Memphis, Tenn.

Presentation by Dr. Shelton

Thirty-seven of 39 fractures of the proximal tibial epiphyseal cartilage treated at the Campbell Clinic over a 25-year period have been clinically and roentgenographically reevaluated. Average age at fracture was 14.2 years, and a majority occurred in organized sports or motorcycle accidents. Follow-up averaged 8.1 years. Using the Salter-Harris classification of epiphyseal fractures, there were nine type I, 17 type II, ten type III, and three type IV injuries. Treatment guidelines of closed reduction and casting of type I and II fractures, and open reduction and internal fixation of displaced type III and IV fractures as proposed by Salter and Harris were adhered to in most cases and produced 89% satisfactory results (33 of 37 cases). Two patients, both with posteriorly displaced tibial shafts, presented with

disruption of the popliteal artery. One of them developed a permanent vascular deficit requiring transmetatarsal amputation. Growth disturbances of greater than 1 cm in the tibia occurred in seven patients, all with type I or II fractures. Only two of these had significant leg-length discrepancies of greater than 2.5 cm. One patient developed an anterior compartment syndrome which was successfully treated by fasciotomy. Two patients had unsatisfactory results due to traumatic arthritis alone. One had a displaced type III and the other a displaced type IV fracture, both of which traversed the weight-bearing portion of the articular cartilage, requiring open reduction and internal fixation.

Discussant:
NEAL MARCUS,
Detroit, Mich.

4:15 p.m.

OUTPATIENT MENISCECTOMY

FRANK C. McCUE, RICHARD GOLDNER,
JOHN R. EDWARDS
and W. HUGH BAUGHER
Charlottesville, Va.

Presentation by Dr. Goldner

Meniscectomy is one of the most frequently performed orthopedic surgical procedures. In certain centers, the number of hospital beds is at a premium; furthermore, the cost of hospitalization can be significant. This, as well as the fact that many patients prefer to have surgery as outpatients when it is appropriate, has led the senior author to perform the majority of his meniscectomies on an outpatient basis at the University of Virginia. We have reviewed over 300 meniscectomies performed at the University of Virginia within the past five years. All patients reported had meniscectomy at least one year ago. The majority of these patients had their surgery on an outpatient basis. We believe the low complication rate, the decreased cost, and patient satisfaction make this a reasonable approach to meniscectomy in selected patients.

Discussant:
WILLIAM COLLINS,
Atlanta, Ga.

4:30 p.m.

UNSTABLE ANKLE FRACTURES: A COMPARISON OF CLOSED VERSUS OPEN TREATMENT

WALTER W. WHEELHOUSE and RONALD E. ROSENTHAL
Nashville, Tenn.

Presentation by Dr. Wheelhouse

We evaluated 145 patients admitted to Vanderbilt University Hospital with ankle fractures between January 1971 and December 1976. Of the original 145 patients, 93 patients (aged 16 to 76 years) were available for a follow-up evaluation. The average follow-up evaluation was at 31.9 months, with a range from 6 to 82 months.

Discussant:
FRANK C. WILSON
Chapel Hill, N.C.

4:45 p.m.

PSEUDOMONAS OSTEOMYELITIS FOLLOWING PUNCTURE WOUNDS OF THE FOOT

JOHN BRUNO, III, and NEIL E. GREEN
Nashville, Tenn.

Presentation by Dr. Bruno

Six children have recently been seen by members of the Vanderbilt Orthopaedic Staff after complications subsequent to puncture wounds to the feet. All were seen by their regular physicians soon

after the injury when symptoms of swelling, pain, and erythema failed to resolve. Routine treatment measures consisted of soaks, elevation, and tetanus immunization, as well as antibiotic treatment, aimed primarily at staphylococcal infections. Clinically, a high index of suspicion of *Pseudomonas* infection seems reasonable if local symptoms do not abate within several days after injury. Hopefully, early detection and appropriate therapy will lessen the incidence of permanent damage. Our treatment plan will be outlined.

Discussant:

HAMILTON HOLMES,
Atlanta, Ga.

Monday, November 13, 9:00 a.m.

Georgia World Congress Center
Room 206

SESSION #53

9:00 a.m.

KNEE PAIN IN RUNNERS

DAVID F. APPLE, JR.
Atlanta, Ga.

One third of 400 runners seen over a two-year period complained of knee pain. The usual causes were encountered. Seventy-five percent had no physical findings but could not run because of pain. The biomechanics of running will be examined, a cause postulated, and an effective treatment regimen presented.

Discussant:

ANGUS M. McBRYDE, JR.,
Charlotte, N.C.

9:15 a.m.

BILATERAL FACET DISLOCATION OF THE LOWER CERVICAL SPINE WITH QUADRIPLÉGIA

THOMAS E. BAILEY, JR., and H. HERNDON MURRAY
Atlanta, Ga.

Presentation by Dr. Bailey

Bilateral facet dislocation in the lower cervical spine is a distinct injury and should be differentiated from other fractures and dislocations of the cervical spine. Twenty-four such cases from the Shepherd Center for the Treatment of Spinal Injury in Atlanta have been reviewed. Roentgenographic diagnosis is characterized by anterior subluxation of one cervical vertebra upon another with disruption of the facet joint alignment, widening of the spinous processes, and absence of significant fracture. The pathologic anatomy includes disruption of the posterior ligamentous complex, the capsular ligaments, the posterior longitudinal ligament, and the anulus fibrosus. Nonoperative treatment resulted in unpredictable stability. With anterior cervical fusion, some spines lost reduction. Posterior wiring and fusion resulted in no loss of reduction and allowed patients early mobility.

Discussant:

JAMES FUNK,
Atlanta, Ga.

9:30 a.m.

SEGMENTAL INSTRUMENTATION FOR DIFFICULT SPINAL DEFORMITIES

BEN L. ALLEN, JR.
Galveston, Tex.

Segmental instrumentation of the spine offers significant advantages over Harrington instrumentation, Dwyer instrumentation, or combined Harrington and Dwyer instrumentation in certain difficult spinal deformities. The procedure provides excellent correction, unparalleled security of fixation, and avoidance of the need for postoperative

plaster immobilization. The operation was first used at the University of Texas Medical Branch in February 1977. Sixteen patients with salvage-type spinal deformities have been operated on. Three significant complications occurred: (1) one instance of transient lower extremity monoparesis, (2) a deep wound infection which responded to aggressive treatment, and (3) one death secondary to intracerebral hemorrhage in the postoperative period. The one death was not thought to be related to the specific operative procedure. Fourteen patients have been managed without plaster, and all regained their preoperative functional status within three weeks after surgery.

Discussant:

CHARLES F. HEINIG,
Charlotte, N.C.

9:45 a.m.

USE OF THE COMPRESSION SYSTEM IN LUMBAR AND THORACOLUMBAR SCOLIOSIS IN ADOLESCENTS AND ADULTS

ROBERT W. GAINES and KENTON D. LEATHERMAN
Louisville, Ky.

Presentation by Dr. Gaines

This paper will discuss the technical aspects of use of the Harrington compression system in addition to the Harrington distraction rod in adolescent and adult patients with idiopathic scoliosis. The advantages of the routine use of the compression system are improved correction, improved internal fixation, and improved stability of correction. Technical aspects of the use of the compression system will be illustrated and discussed and benefits of the compression system in obtaining firm internal fixation of the spine will be demonstrated.

Discussant:

PETER L. MEEHAN,
Atlanta, Ga.

10:00 a.m.

SURFACE REPLACEMENT HIP ARTHROPLASTY

C. McCOLLISTER EVARTS
Rochester, N.Y.

Guest Speaker

Section on Orthopedic and
Traumatic Surgery

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

RESULTS OF TREATMENT OF SIMULTANEOUS HIP AND FEMORAL SHAFT FRACTURES

PHILLIP E. WRIGHT, II, and GARY L. BECKER
Memphis, Tenn.

Presentation by Dr. Becker

To determine results of the treatment of this combination of injuries, the records of all simultaneous fractures of the hip and femoral shaft treated in hospitals affiliated with the Campbell Foundation and University of Tennessee Orthopaedic Training Program from 1943 to 1976 were evaluated. Of the 31 cases found, 23 could be adequately evaluated regarding long-term results. Three treatment programs are described: balanced skeletal traction followed by plaster casts; surgical treatment of the hip and shaft fracture; and surgical treatment of the hip fracture with traction and cast treatment of the shaft fracture. Follow-up evaluation included personal interview, phys-

ical examination, and roentgenograms. Of 23 patients with adequate follow-up, 15 had a good result, five a fair result, and three a poor result. Difficulties in achieving reduction and fixation of the respective fractures, and methods of overcoming such difficulties will be discussed.

Discussant:

THOMAS STURKIE,
Marietta, Ga.

11:15 a.m.

HIP SHELF SUPPORT RECONSTRUCTION

DARIUS FLINCHUM
Atlanta, Ga.

An adequate and sufficiently done shelf support can give a functional hip and alleviate a painful hip problem for an indefinite period of time and delay hip replacement until later in life. Revision also can be done to delay the more radical procedure for even a later age. The procedure needs to be done properly, and revision should be considered after 10 to 15 years, if necessary, to give further life to the hip support for an asymptomatic hip. Long-term review and actual cases will be shown.

Discussant:

THOMAS DAMERON,
Raleigh, N.C.

11:30 a.m.

THARIES TYPE SURFACE REPLACEMENT OF THE HIP

H. H. BRINDLEY
Temple, Tex.

Surface replacement arthroplasty of the hip has certain advantages over conventional hip replacement, including less bone resection and less foreign material. Infection and salvage should be less of a problem. This procedure may be more suitable for the young patient with a disabling hip problem. The author will present his early experience with the Tharies type of surface replacement arthroplasty of the hip.

Discussant:

GEORGE WRIGHT,
Atlanta, Ga.

11:45 a.m.

POSTERIOR APPROACH FOR TOTAL HIP ARTHROPLASTY

ANTHONY G. GRISTINA, GEORGE D. ROVERE,
JOSEPH F. NICASTRO, and HIROMU SHOJI
Winston-Salem, N.C.

Presentation by Dr. Gristina

The posterolateral approach for total hip arthroplasty has the advantages of decreased operative time, decreased blood loss, excellent exposure of the periacetabular, pelvic and femoral areas, retention of the trochanter, and immediate postoperative weight-bearing. This approach has been used in 200 patients with satisfactory results in 196.

Discussant:

EMMETT LUNCEFORD,
Columbia, S.C.

Monday, November 13, 2:00 p.m.

Emory University

CLINICAL SESSION

SESSION #54

THOMAS E. WHITESIDES, JR., Atlanta, Ga.,
presiding

Bus transportation, round trip, will be provided from the Peachtree Plaza Hotel. Buses will depart from the Peachtree Plaza promptly at 1:15 p.m.

Program is acceptable for 12 Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

SECTION ON OTOLARYNGOLOGY

Co-sponsored by the Georgia Society of Otolaryngology

OFFICERS

Chairman	GEORGE D. LYONS, New Orleans, La.
Chairman-Elect	DANIEL M. ADAMS, III, New Orleans, La.
Secretary	ROBERT L. BALDWIN, Birmingham, Ala.
MAG Program Chairmen	JOHN S. TURNER, JR., Atlanta, Ga. FRED M. S. McCONNEL, Atlanta, Ga.
Guest Speaker	BEVERLY W. ARMSTRONG, Charlotte, N.C.

Sunday, November 12, 2:00 p.m.-5:00 p.m.

Georgia World Congress Center
Exhibit Hall-Room 102

Postgraduate Course on

MEDICAL OTOLARYNGOLOGY: CURRENT CONCEPTS IN THE TREATMENT OF COMMON DISORDERS

See Program on page 34.

Monday, November 13, 9:00 a.m.

Georgia World Congress Center
Room 210

SESSION #55

GEORGE D. LYONS, Chairman,
New Orleans, La., presiding

9:00 a.m.

RECENT ADVANCES IN PEDIATRIC OTOTOLOGY

JOHN R. EMMETT and JOHN J. SHEA
Memphis, Tenn.

Presentation by Dr. Emmett

A systematic approach in the evaluation of hearing loss in the infant and young child utilizing brainstem-evoked response audiometry and hypocyloidal polytomography will be presented. Surgical correction of congenital ossicular chain malformations using biocompatible ossicular implants will be outlined and the results compared with earlier reconstructive techniques.

Discussant:

BEVERLY W. ARMSTRONG,
Charlotte, N.C.

9:20 a.m.

THE CONGENITAL LARYNGEAL WEB

BALDEV K. DEVGAN
Batesville, Miss.

Webs are mostly found in the anterior portion of the larynx involving the anterior commissure. The author will discuss congenital laryngeal webs giving rise to laryngeal stenosis, dysphonia and occasionally laryngeal stridor. The literature will be reviewed briefly and the evolution of present treatment will be discussed. It is the opinion of the author that endoscopic repair of the laryngeal webs should be the treatment of choice in lieu of the laryngofissure. This method has several advantages that will be discussed.

Discussants:

ROCCO D. CASSONE,
Charleston, S.C.

WARREN Y. ADKINS,
Charleston, S.C.

9:40 a.m.

THE U-FAN TONGUE FLAP

BYRON L. PERRY and FRED M. S. McCONNEL
Atlanta, Ga.

Presentation by Dr. Perry

The U-fan tongue flap allows primary reconstruction of the oral cavity after hemiglossectomy, three-quarter glossectomy or a hemiglossectomy with floor of mouth resection without appreciably decreasing the mobility of the remaining tongue. Speech results and swallowing are comparable to reconstructive methods using distal flaps. This highly reliable flap permits mandible preservation in these extensive resections without the use of an oral stoma required by distal flaps.

Discussant:

VINCENT J. CARUSO,
Beaumont, Tex.

10:00 a.m.

TEMPORAL BONE FRACTURE: CLINICAL AND EXPERIMENTAL STUDIES

LAWRENCE W. TRAVIS
New Orleans, La.

Temporal bone fractures were studied from automotive impact studies, as well as clinical case material. From this study, it is apparent that two distinct syndromes of temporal bone fracture are no longer separable, and that the longitudinal fracture is the clinically significant fracture of the human temporal bone.

Discussant:

JOHN H. PER-LEE,
Atlanta, Ga.

10:20 a.m.

CLINICAL CORRELATION WITH IgE (PRIST) LEVELS

JAMES V. REDD
Lighthouse Point, Fla.

Fifty consecutive patients had IgE levels strong before beginning allergy desensitization treatment. These patients all had clinical symptomatology which warranted a clinical diagnosis of allergy involving an ear, nose or throat area or multiple areas.

Discussant:

JULIUS N. HICKS,
Birmingham, Ala.

10:40 a.m.

INTERMISSION—VISIT EXHIBITS

11:10 a.m.

CHONDROSARCOMA OF THE NASAL SEPTUM

J. MICHAEL McCOY, JOHN H. BURSON,
and FRED M. S. McCONNEL
Atlanta, Ga.

Presentation by Dr. McCoy

The authors will review the pathology and previous management of this rare lesion. The treatment of choice is wide surgical excision which demands a craniofacial approach. An illustrative case of this approach will be presented.

Discussant:

ROBERT W. CANTRELL,
Charlottesville, Va.

11:30 a.m.

DOG BITE AVULSION OF THE EAR

ROBERT C. WILLIAMS
Hickory, N.C.

WARREN Y. ADKINS
Charleston, S.C.

Presentation by Dr. Williams

A 13 year old suffered avulsion of the lobule and inferior portion of the right pinna from a dog bite. The ambulance attendants preserved the severed portion of the ear in iced Tis-U-Sol, and it was debrided and reattached under a general anesthetic approximately four hours post-injury. At least partial reattachment is anticipated.

Discussant:

JOHN S. TURNER, JR.,
Atlanta, Ga.

Monday, November 13, 1:30 p.m.

Georgia World Congress Center
Room 210

SESSION #56

JOHN S. TURNER, JR., Atlanta, Ga.,
presiding

1:30 p.m.

**BUSINESS MEETING,
SECTION ON OTOLARYNGOLOGY**

1:40 p.m.

ADDRESS BY GUEST SPEAKER

BEVERLY W. ARMSTRONG
Charlotte, N.C.

Guest Speaker
Section on Otolaryngology

2:10 p.m.

**COMPARISON OF AUDIOMETRIC, EMI SCAN AND
MYELOGRAPHY IN OPERATIVE ACOUSTIC NEUROMA
PATIENTS**

JOHN S. TURNER, JR., and JAMES FARRELL
Atlanta, Ga.

Presentation by Dr. Turner

Ten consecutive patients with acoustic neuroma or CP angle tumors, proven at surgery, will be presented with the specificity of each preoperative diagnostic test indicated. The angle myelogram remains the definitive test.

Discussant:

DENNIS G. PAPPAS,
Birmingham, Ala.

2:30 p.m.

**DETECTION AND LOCALIZATION UTILIZING SCALP
ELECTRODES OF EARLY ACOUSTICALLY-EVOKED POTENTIALS
IN NORMAL MAN**

JEFFRY B. SCHAFER
Birmingham, Ala.

Surface scalp potentials show a localization on the scalp around the mastoid area in both pre- and postauricular leads. This "mapping"

provides an understanding of areas of best electrode placement, and on the basis of time delay and this localization, these events in all probability represent activity in the earliest parts of auditory system including cochlear nuclei and inferior colliculi. This early response can be used to study hearing in infants and uncommunicative adults and it may help to explore for the presence of defects in early parts of the system now referred to as "retrocochlear."

Discussant:

GEORGE D. LYONS,
New Orleans, La.

2:50 p.m.

THE USE OF KIRSCHNER WIRES IN SEVERELY COMMUNUTED FACIAL FRACTURES

WAYNE F. LARRABEE and THOMAS M. IRWIN, JR.
New Orleans, La.

Presentation by Dr. Larrabee

Kirschner wires have been routinely utilized in Tulane University School of Medicine to stabilize severely comminuted fractures of the zygomaticomaxillary complex. Although the technique has been previously described, its simplicity, safety and indications are not widely appreciated. Nine representative case reports will be presented to illustrate the technique, its good cosmetic results and its limitations.

Discussant:

JOHN S. TURNER, JR.,
Atlanta, Ga.

3:10 p.m.

INTERMISSION—VISIT EXHIBITS

3:40 p.m.

CERVICAL GANGLION NEUROBLASTOMA: MODALITIES OF TREATMENT

W. E. HAGAN and F. E. LeJEUNE, JR.
New Orleans, La.

Presentation by Dr. Hagan

The cervical ganglioneuroblastoma presents a histological differentiation between the benign ganglioma and the highly malignant neuroblastoma. Proper selection of complete surgical resection alone or in conjunction with radiotherapy and/or chemotherapy is based on the histological differentiation and maturation of this embryonal neural tumor.

Discussant:

ALBERT A. CLAIRMONT, JR.,
Atlanta, Ga.

4:00 p.m.

A REVIEW OF VARIOUS VALVES AND STOMA TUBES FOR THE CHRONIC TRACHEAL STOMA

CHRISTIAN L. MERZ and FRED M. S. McCONNEL
Atlanta, Ga.

Presentation by Dr. Merz

The authors will discuss the advantages and disadvantages of various respiratory valves and stoma tubes that allow the chronically tracheostomatized patient to speak. A new valve will also be presented. This valve automatically allows the patient with severe upper airway stenosis or a compromised upper airway, to talk, cough and speak.

Discussant:

ROBERT W. CANTRELL,
Charlottesville, Va.

4:20 p.m.

SURGICAL DYNAMICS OF THE NASAL TIP

GAYLON McCOLLOUGH
Birmingham, Ala.

Nasal surgeons should be aware of the nature of tip support as well as factors which produce changes in position and appearance. The tripod therapy of tip support will be discussed and related to changes observed following rhinoplasty. Complications, as a result of lack of adherence to these principles, will also be presented.

Monday, November 13, 6:00-7:30 p.m.

Peachtree Plaza Hotel
Tower Suite #4

Reception for members, wives and guests of the Section on Otolaryngology.

Tuesday, November 14, 9:00 a.m.

Georgia World Congress Center
Room 210

SESSION #57

ROBERT L. BALDWIN, Secretary,
Birmingham, Ala., presiding

9:00 a.m.

PANEL DISCUSSION: USE OF THE CO₂ LASER IN OTOLARYNGOLOGY

Moderator:

ROBERT L. BALDWIN,
Birmingham, Ala.

Panelists:

F. JOHNSON PUTNEY,
Charleston, S.C.

JULIUS N. HICKS,
Birmingham, Ala.

RONALD J. FRENCH,
New Orleans, La.

F. E. LEJEUNE, JR.,
New Orleans, La.

9:30 a.m.

NEOGLOTTIS RECONSTRUCTION AFTER TOTAL LARYNGECTOMY

RON WHITMIRE and FRED M. S. McCONNEL
Atlanta, Ga.

Presentation by Dr. Whitmire

The authors will report their clinical experience (six patients to date) with a new vocal rehabilitation procedure called the Staffieri neoglottis reconstruction. The indications, specific technique, surgical complications, voice results and overall success rate will be presented. Preliminary results have been favorable.

Discussant:

ROBERT W. CANTRELL,
Charlottesville, Va.

9:50 a.m.

CARCINOSARCOMA AND ASSOCIATED SQUAMOUS CELL CARCINOMA OF THE LARYNX

MARK A. RICHARDSON, ALBERT KREUTNER,
and F. JOHNSON PUTNEY
Charleston, S.C.

Presentation by Dr. Richardson

A 63 year old white man had excision of a 4x6 cm hypopharyngeal mass diagnosed pathologically as carcinosarcoma. After removal, a granular lesion of the right arytenoid and pyriform sinus was noted and proved to be squamous cell carcinoma, requiring laryngectomy.

Discussant:

ALBERT A. CLAIRMONT, JR.,
Atlanta, Ga.

10:10 a.m.

MASKERS, AIDS AND BIOFEEDBACK FOR THE TREATMENT OF TINNITUS

RICHARD T. JACKSON, Ph.D. and
ANNE Z. SAUNDERS, M.Ed.
Atlanta, Ga.

Presentation by Dr. Jackson

The authors have been using three techniques for the treatment of persistent tinnitus. Depending on the frequency of the tinnitus and the patient acceptance, the following is employed: a masking device or hearing aid to cover the tinnitus or biofeedback relaxation techniques are used to change the patient's response to tinnitus.

Discussant:

GEORGE D. LYONS,
New Orleans, La.

10:30 a.m.

CLINICAL APPLICATIONS OF EVOKED-RESPONSE AUDIOMETRY

DANIEL F. MOUNEY, GEORGE D. LYONS,
CHARLES I. BERLIN, Ph.D., and MARIA I. GONDRA, MCD
New Orleans, La.

Presentation by Dr. Mouney

Evoked-response audiometry has been utilized at the Louisiana State University Medical Center over the past several years in the detection of both peripheral and central auditory pathway abnormalities. The basic principles and clinical utility of these techniques will be presented along with specific case histories as examples.

Program is acceptable for 7.5 Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

SECTION ON PATHOLOGY

Co-sponsored by the Georgia Association of Pathologists and Atlanta Society of Pathologists

OFFICERS

Chairman	GEORGE L. LEONARD, New Orleans, La.
Chairman-Elect	FRANCIS M. PATTON, Metairie, La.
Secretary	MORTON J. ROBINSON, Miami Beach, Fla.
MAG Program Chairmen	JOHN F. NICKERSON, Atlanta, Ga. BOBBY C. BROWN, Atlanta, Ga.
Guest Speaker	HENRY J. NORRIS, Washington, D.C.

Friday, November 10, 6:30-9:00 p.m.

Peachtree Plaza Hotel
Tower Suite #12

Executive Council Meeting of the Section on Pathology.
All members of the Section on Pathology invited.

Saturday, November 11, 9:00 a.m.

Georgia World Congress Center
Room 202

SESSION #58

SEMINAR ON PEARLS IN ANATOMIC PATHOLOGY

Director:
MORTON J. ROBINSON,
Miami Beach, Fla.

This seminar will offer brief presentations of patients demonstrating interesting facets of anatomic pathology.

9:00 a.m.

LIGHT AND ULTRASTRUCTURAL MORPHOLOGY OF CHARCOT-ROBIN-LEYDEN CRYSTALS IN ACUTE GRANULOCYtic LEUKEMIA

CHARLES L. JOHNSTON, JR.,
and G. WATSON JAMES, III
Richmond, Va.

SEZARY SYNDROME WITH ABNORMAL PERIPHERAL BLOOD LEUKOCYTES CHARACTERIZED AS NULL CELLS (INCLUDES E.M.)

R. D. WOODRUFF
Atlanta, Ga.

HISTIOCYtic MEDULLARY RETICULOSIS

V. SATHYANARAYANA
and STANLEY WEITZNER
Jackson, Miss.

GRANULAR CELL TUMOR OF THE TONGUE CAUSING HYPERPLASIA OF THE SURFACE EPITHELIUM WHICH VERY CLOSELY SIMULATES INVASIVE SQUAMOUS CELL CARCINOMA

JOYCE THOMAS and B. MAJMUDAR
Atlanta, Ga.

EOSINOPHILIC GASTRITIS

GREGORY J. SKARULIS
Coral Gables, Fla.

NONPOLYPOID HYPERPLASIA WITHIN COLONIC DIVERTICULA

RONALD M. RHATIGAN and ROSILIE O. SAFFOS
Jacksonville, Fla.

**DIAGNOSTIC LIVER BIOPSY IN A PATIENT WITH SHORTNESS
OF BREATH**

B. MAJMUDAR
Atlanta, Ga.

IVBAT: THREE EXAMPLES OF A "NEW" LUNG TUMOR

MAX MILLARD
South Miami, Fla.

PERIPHERAL CARCINOID TUMOR OF THE LUNG

LAWRENCE M. ROTH
Indianapolis, Ind.

**SUDDEN AND UNEXPECTED DEATH IN A PATIENT WITH
THYMOMA**

EVANGELOS G. POULOS
Miami, Fla.

**POSTPARTUM SUDDEN DEATH DUE TO DISSECTING
HEMATOMA OF CORONARY ARTERY**

HORMOZ EHYA and STANLEY WEITZNER
Jackson, Miss.

10:15 a.m.

INTERMISSION—VISIT EXHIBITS

10:45 a.m.

ECTOPIC PROSTATE TISSUE IN MALE URETHRA

ALBERT KREUTNER, JR.
Charleston, S.C.

**MALIGNANT UROTHELIAL (TRANSITIONAL) CELLS IN
VAGINAL POOL SMEAR MASQUERADING AS MULLERIAN
"GLANDULAR" CELLS**

GEORGE L. LEONARD
New Orleans, La.

**PELVIC LYMPH NODES SHOWING BENIGN "ENDOMETRIAL"
INCLUSIONS MIMICKING A METASTATIC ADENOCARCINOMA**

P. C. SOTUS and B. MAJMUDAR
Atlanta, Ga.

ADENOMATOID TUMOR OF THE FALLOPIAN TUBE

R. S. PHILLIPS and B. MAJMUDAR
Atlanta, Ga.

**CYSTOSARCOMA PHYLLODES, BENIGN, OF BREAST IN A 12
YEAR OLD GIRL**

STANLEY WEITZNER and SERGIO G. GONZALEZ
Jackson, Miss.

UNUSUAL BREAST MASS

FRANCIS M. PATTON
Metairie, La.

"PSEUDOADENOMA" OF SCALP

HERBERT ICHINOSE
New Orleans, La.

HEMANGIOPERICYTOMA OF BUTTOCK

FRED E. GILBERT
Newnan, Ga.

**DIFFUSE TUMOROUS LYMPHOCYTIC INFILTRATES OF SKIN,
BENIGN OR MALIGNANT**

CHARLES F. McCONNELL, MICHAEL W. O'BRIEN,
and PETER VIKSINS
Pensacola, Fla.

UNUSUAL TUMOR OF MANDIBLE

KIP AMAZON
Miami Beach, Fla.

Saturday, November 11, 2:00-5:00 p.m.

Georgia World Congress Center
Room 306

Postgraduate Course on

EVALUATION OF BLOOD TRANSFUSION COMPLICATIONS

See Program on page 30.

Saturday, November 11, 7:00-9:00 p.m.

Peachtree Plaza Hotel
Confederate Room

Reception for members of the Section on Pathology and registrants of the Atlanta Society of Pathologists Annual Slide Seminar. Sponsored by Pathologist Service Professional Associates Laboratories and Co-sponsored by Scientific Products.

Sunday, November 12, 9:00 a.m.-5:00 p.m.

Georgia World Congress Center
Rooms 305-306

SESSION #59

**PATHOLOGY OF THE GASTROINTESTINAL TRACT
PRESENTED BY
JOHN H. YARDLEY**

**ANNUAL SLIDE SEMINAR
ATLANTA SOCIETY OF PATHOLOGISTS**

Prelectors:

JOHN H. YARDLEY,
Professor of Pathology,
The Johns Hopkins Hospital
and School of Medicine
Baltimore, Md.

THEODORE M. BAYLESS,
Associate Professor
of Medicine
Division of Gastroenterology,
The Johns Hopkins Hospital
and School of Medicine
Baltimore, Md.

This will be an all-day slide seminar, complete with tissue slides and case histories pertinent to interpretation. This seminar will cover a

wide range of lesions seen in the gastrointestinal tract, including tumors, inflammatory diseases, physiologic derangement and other interesting material.

The slide sets of 20 cases will be offered for sale by the Atlanta Society of Pathologists.

Monday, November 13, 9:00 a.m.

Georgia World Congress Center
Exhibit Hall-Room 102

**ZOLA COOPER
CLINICOPATHOLOGIC SEMINAR**

See Program on page 64.

Monday, November 13, 2:00 p.m.

Georgia World Congress Center
Room 208

SESSION #60

2:00 p.m.

**BUSINESS MEETING,
SECTION ON PATHOLOGY**

2:15 p.m.

PULMONARY CRYSTALLOSIS

GEORGE L. LEONARD
New Orleans, La.

Chairman
Section on Pathology

2:45 p.m.

**CLINICOPATHOLOGIC CONSIDERATIONS IN
EXTRAPULMONARY TUBERCULOSIS**

B. MAJMUDAR
Atlanta, Ga.

3:15 p.m.

INTERMISSION—VISIT EXHIBITS

3:45 p.m.

RETROPERITONEAL OVARIAN LESIONS

MAX MILLARD
South Miami, Fla.

4:15 p.m.

THE ENDOMETRIAL CARCINOMA PANDEMIC

HENRY J. NORRIS
Washington, D.C.

Guest Speaker
Section on Pathology

Program is acceptable for 12 Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

Tuesday, November 14, 9:00 a.m.

Georgia World Congress Center

Room 200

**A Joint Meeting of the Sections on
Gynecology, Obstetrics, Pathology, Radiology**

**Eight Annual
GEORGE PAPANICOLAOU
MEMORIAL SEMINAR IN
GYNECOLOGIC PATHOLOGY**

See Program on page 74.

Program is acceptable for three Elective hours by the American Academy of Family Physicians.

Program acceptable for three hours credit in Category 1 of the American Medical Association's Physician's Recognition Award.

SECTION ON PEDIATRICS

Co-sponsored by the Georgia Chapter, American Academy of Pediatrics

OFFICERS

Chairman	J. CLYDE HART, JR., Pine Bluff, Ark.
Secretary	L. K. AUSTIN, Monticello, Ark.
MAG Program Chairman	A. F. ROBERTSON, III, Augusta, Ga.
Guest Speaker	J. GORDON MILLICHAP, Chicago, Ill.

Monday, November 13, 9:00 a.m.

Georgia World Congress Center
Room 203

**SESSION
#61**

COMMON PROBLEMS IN PEDIATRICS

9:00 a.m.

ORTHOPEDICS IN THE PEDIATRICIAN'S OFFICE

E. WILLIAM SCHMITT, JR.
Atlanta, Ga.

The author will emphasize the examination of the infant's forefoot, ankle and tibia with specific mention of when to refer to an orthopedic surgeon and what can be treated in the office. In the toddler, the author will emphasize the appropriate evaluation, treatment and necessity of referral of toeing-in and toeing-out, flatfeet, bowlegs and knock-knees. In the school age child, the author will emphasize the most common play injuries, "growing pains" and foot pains.

9:45 a.m.

THE MIDDLE EAR DILEMMA

EDWARD S. PORUBSKY
Augusta, Ga.

Emphasis will be placed on what happens with otitis media that does not clear up in two to three weeks, and how it should be evaluated. There will be a discussion of the treatment of chronic draining ear, the diagnosis and treatment of glue ears, the indications for tubes and what to do about an eardrum that does not heal. Also, the importance of myringotomies, of the middle ear cultures and current testing methods, such as impedance testing, will be reviewed. Finally, there will be mention of the significance of hypertrophic tonsils and adenoids and the indications for a T & A and for an allergic work-up.

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

CURRENT THERAPY OF CROUP, BRONCHIOLITIS AND PNEUMONIA

WILLIAM E. FELDMAN
Atlanta, Ga.

The author will discuss when cultures should be obtained in the office and what antibiotics, if any, should be prescribed. There will be a discussion on the use of steroids and the value of various forms of respiratory therapy, such as postural drainage, percussion, IPPB, aerosols and bronchodilators. A discussion will be given on the value of bacterial vaccines in children who have recurrent problems and very specifically, which antibiotics, if any, should be used when viral pneumonia is suspected.

11:45 a.m.

QUESTIONS AND ANSWERS

Monday, November 13, 1:30 p.m.
Georgia World Congress Center
Room 203

**SESSION
#62**

1:30 p.m.

THE DIAGNOSIS AND TREATMENT OF THE FIRST SEIZURE

J. GORDON MILLICHAP
Chicago, Ill.

Guest Speaker
Section on Pediatrics

Indications for starting therapy, following a history of only one seizure, will be evaluated. How should treatment be approached if there is uncertainty as to whether or not it is a febrile convulsion? How does a neurologist use the EEG? Problems with the use of Dilantin will be mentioned.

2:30 p.m.

INTERMISSION—VISIT EXHIBITS

3:00 p.m.

HYPERKINESIS

J. GORDON MILLICHAP
Chicago, Ill.

Guest Speaker
Section on Pediatrics

The author will discuss what office screening methods can be done to determine hyperkinetic children. Also, if the child is described as hyperkinetic, what is the value of a neurological examination, especially the "soft" neurological signs. The use of specific diets or medication will be evaluated. Another problem that will be reviewed is the appropriate way of interacting with the school.

4:00 p.m.

QUESTIONS AND ANSWERS

4:30 p.m.

**BUSINESS MEETING,
SECTION ON PEDIATRICS**

Program is acceptable for five Prescribed hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for five Category 1 credit hours by the American College of Emergency Physicians.

SECTION ON PLASTIC AND RECONSTRUCTIVE SURGERY

Co-sponsored by the Georgia Society
of Plastic Surgery

OFFICERS

Chairman	JOHN R. ROYER, Winter Park, Fla.
Chairman-Elect	THOMAS J. ZAYDON, Miami, Fla.
Secretary	JAMES H. CARRAWAY, Norfolk, Va.
Secretary-Elect	MAXINE A. SCHURTER, Washington, D.C.
MAG Program Chairman	LOVIC W. HOBBY, Atlanta, Ga.
Guest Speaker	SALVADOR CASTANARES, Los Angeles, Calif.

Saturday, November 11, 9:00 a.m.-5:00 p.m.

Georgia World Congress Center
Room 204

Postgraduate Course on

**PROBLEM CASE SEMINAR ON COMMON HAND INJURIES:
BASIC AND ADVANCED TECHNIQUES**

See Program on page 29.

Sunday, November 12, 9:00 a.m.-12:00 p.m.

Georgia World Congress Center
Room 200

Postgraduate Course on

MAXILLOFACIAL SURGERY

See Program on page 32.

Monday, November 13, 9:00 a.m.

Georgia World Congress Center
Room 202

**SESSION
#63**

9:00 a.m.

HAIR TRANSPLANT

EDWIN C. POUND, JR.
Atlanta, Ga.

9:20 a.m.

BROW, FROWN AND EYELID LIFTS

CARL R. HARTRAMPF, JR.
Atlanta, Ga.

9:40 a.m.

FACELIFT

JOHN H. HARTLEY, JR.
Atlanta, Ga.

10:00 a.m.

RHINOPLASTY

BERNARD L. KAYE
Jacksonville, Fla.

10:20 a.m.

INTERMISSION—VISIT EXHIBITS

10:50 a.m.

OTOPLASTY

LOVIC W. HOBBY
Atlanta, Ga.

11:10 a.m.

CHIN AUGMENTATION AND NECK LIFT

CHARLES E. HORTON
Norfolk, Va.

11:30 a.m.

**BREAST AUGMENTATION AND MANAGEMENT OF
COMPLICATIONS**

EDWIN C. POUND, JR.
Atlanta, Ga.

Monday, November 13, 1:15 p.m.

Georgia World Congress Center
Room 202

SESSION #64

1:15 p.m.

**COMPLICATIONS, PITFALLS AND
TECHNIQUES OF RHYTIDECTOMY**

SALVADOR CASTANARES
Los Angeles, Calif.

Guest Speaker
Section on Plastic and
Reconstructive Surgery

2:15 p.m.

BREAST RECONSTRUCTION FOLLOWING MASTECTOMY

GORDON S. LETTERMAN
Washington, D.C.

2:35 p.m.

NIPPLE RECONSTRUCTION

JOHN BOSTWICK, III
Atlanta, Ga.

2:55 p.m.

INTERMISSION—VISIT EXHIBITS

3:25 p.m.

ABDOMINOPLASTY

WILLIAM E. HUGER, JR.
Atlanta, Ga.

3:45 p.m.

BODY CONTOURING

JOHN R. LEWIS, JR.
Atlanta, Ga.

4:05 p.m.

**BUSINESS MEETING,
SECTION ON PLASTIC AND
RECONSTRUCTIVE SURGERY**

Monday, November 13, 5:30 p.m.

Place to be Announced

Reception and dinner for members, wives and guests of the Section on Plastic and Reconstructive Surgery

Program is acceptable for six Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

SECTION ON PSYCHIATRY

Co-sponsored by the Georgia Psychiatric Association

OFFICERS

SMA Section Secretary JACK W. BONNER, III, Asheville, N.C.
MAG Program Chairman W. T. McLARTY, JR., Smyrna, Ga.

Sunday, November 12, 1:30 p.m.
Georgia World Congress Center
Room 203

SESSION #65

PSYCHIATRIC ASPECT OF MARITAL AND SEXUAL DYSFUNCTION

1:30 p.m.

AN OVERVIEW OF SEXUAL THERAPIES

SAMUEL J. BROWN and LYNN GIMPEL, Ph.D.
Atlanta, Ga.

1:50 p.m.

SEXUAL PROBLEMS IN MARRIAGE (MARITAL THERAPY)

AMNON GIMPEL
Atlanta, Ga.

THE PROFESSIONAL MARRIAGE

2:10 p.m.

DISCUSSION, QUESTIONS AND ANSWERS

2:20 p.m.

A SYSTEMS APPROACH TO THE PHYSICIAN'S MARRIAGE (LOVE IS NOT ENOUGH)

HAL G. GILLESPIE
Asheville, N.C.

2:40 p.m.

THE PHYSICIAN'S WIFE—LIBERATED, TOTALED OR SELF-DEFINED

CHERYL L. LaPOINTE, R.N.
Asheville, N.C.

3:00 p.m.

INTERMISSION—VISIT EXHIBITS

3:30 p.m.

THE PHYSICIAN: CULTURAL HERO OR SLAVE? (SUCCESS AND EMOTIONAL CONSTRICTION)

HAL G. GILLESPIE
Asheville, N.C.

3:50 p.m.

DISCUSSION, QUESTIONS AND ANSWERS

4:00 p.m.

INTIMACY AND SEXUALITY IN THE PHYSICIAN'S MARRIAGE (CAN DOCTORS TEND ROSE GARDENS?)

CHERYL L. LaPOINTE, R.N.
Asheville, N.C.

4:20 p.m.

DISCUSSION, QUESTIONS AND ANSWERS

4:30 p.m.

LIFE CYCLE CHANGES AND MARITAL STRESS

HAL G. GILLESPIE
Asheville, N.C.

4:50 p.m.

DISCUSSION, QUESTIONS AND ANSWERS

Program is acceptable for three Prescribed hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

Program is acceptable for three Category 1 credit hours by the American College of Emergency Physicians.

SECTION ON RADIOLOGY

Co-sponsored by the Georgia Radiological Society
and the Radiological Society of North America

OFFICERS

Chairman	C. REX TEESLINK, Augusta, Ga.
Vice-Chairman	ABNER M. LANDRY, New Orleans, La.
Secretary	MICHAEL A. SULLIVAN, New Orleans, La.
Secretary-Elect	T. RUDOLPH HOWELL, Petersburg, Va.
MAG Program Chairman	S. R. ROBERTS, JR., Atlanta, Ga.
Guest Speaker	MANUEL VIAMONTE, JR., Miami, Fla.

Saturday, November 11, 9:00 a.m.

Georgia World Congress Center
Room 211

**SESSION
#66**

STEWART R. ROBERTS, JR., MAG Program Chairman,
Atlanta, Ga., presiding

9:00 a.m.

RADIOLOGIC EVALUATION OF ESOPHAGEAL MOTILITY DISORDERS

JAMES V. ROGERS, JR.
Atlanta, Ga.

The motility pattern of the esophagus and the behavior of the LES (lower esophageal sphincter) in health and various disease states will be displayed and discussed. These include achalasia, scleroderma, diffuse esophageal spasm, dychalasias of the LES, obstruction, esophagitis and others.

9:30 a.m.

ASSOCIATION OF ESOPHAGEAL CARCINOMA WITH OTHER DISEASES

WILLIAM M. THOMPSON, R. W. POSTLETHWAIT,
TERRENCE A. ODDSON, and REED P. RICE
Durham, N.C.

Presentation by Dr. Thompson

A number of diseases are associated with carcinoma of the esophagus. Many of these produce symptoms which may mask the clinical presentation of the carcinoma. In reviewing 640 patients with carcinoma of the esophagus, many examples of associated diseases were discovered. Examples of these disorders associated with carcinoma of the esophagus will be presented to illustrate clinical, radiological and management problems encountered in this group of patients.

9:45 a.m.

DOUBLE CONTRAST EXAMINATION OF THE UPPER INTESTINAL TRACT, A PRACTICAL ALTERNATIVE TO THE CONVENTIONAL TECHNIQUE

FREDERICK M. KELVIN
Durham, N.C.

The technique of double contrast examination of the esophagus, stomach and duodenum will be discussed. Examples of its use in the diagnosis of benign and malignant gastric ulcers, superficial gastric erosions and in the evaluation of the fundus of the stomach will be illustrated.

10:00 a.m.

PRIMARY DUODENAL NEOPLASMS

D. ANN DAVIS
Augusta, Ga.

Five cases of primary duodenal neoplasms will be presented from the experience at a single hospital to demonstrate that these lesions are not as rare as is often suspected.

10:15 a.m.

**EVALUATION OF THE GALLBLADDER BY GRAY SCALE
ULTRASONOGRAPHY**

JOHN Y. GIBSON
Jackson, Miss.

A review of the results of the evaluation of the gallbladder by gray scale ultrasonography in 52 patients will be presented. When the gallbladder was successfully identified by ultrasound (46 patients), the detection of stones was 98% accurate. Gallbladder ultrasonography is of most value in the patients who have unsuccessful radiographic studies.

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

CT EVALUATION OF THE PANCREAS

PETER J. SONES, JR.
Atlanta, Ga.

Advances in CT evaluation of the pancreas as a result of rapid scanning and contrast enhancement of surrounding vascular structures will be described. Multiple pancreatic masses both neoplastic and inflammatory will be illustrated.

11:15 a.m.

**RECENT EXPERIENCE WITH PERCUTANEOUS TRANSHEPATIC
CHOLANGIOGRAPHY USING THE CHIBA NEEDLE**

H. PETER JANDER
and JOHN GALBRAITH
Birmingham, Ala.

Presentation by Dr. Galbraith

The authors will review the results of percutaneous transhepatic cholangiography (PTC) using the Chiba needle as performed in approximately 60 consecutive patients evaluated for clinically suspected obstructive jaundice. Comparison is made, when possible, with other diagnostic modalities such as ERCP, ultrasound and radionuclide liver scanning. Specific parameters to be considered include success rate, specificity, morbidity and cost effectiveness of the various procedures. The authors' results indicate that PTC is easy to perform, safe, highly successful and cost effective. PTC should, therefore, be the method of choice in differentiating obstructive and nonobstructive jaundice and for the identification of the nature of the underlying obstructive process.

11:30 a.m.

**A COMPARISON OF PERCUTANEOUS TRANSHEPATIC
CHOLANGIOGRAPHY AND ULTRASONOGRAPHY**

WILLIAM S. TROUGHT, CARLISLE L. MORGAN,
DONALD C. JACKSON, and IRWIN S. JOHNSRUDE
Durham, N.C.

Presentation by Dr. Trought

Patients with medical (nonobstructive) and surgical (obstructive) jaundice were referred to the radiology department and were evaluated by both percutaneous transhepatic cholangiography (Chiba needle technique) and gray scale ultrasonography. The authors will present their results indicating the accuracy and usefulness of both modalities in evaluating the jaundiced patient.

11:45 a.m.

ULTRASOUND IN THE EVALUATION OF THE STOMACH, SMALL BOWEL AND COLON

EDWARD I. BLUTH and CHRISTOPHER R. B. MERRITT
New Orleans, La.

Presentation by Dr. Bluth

Recently the authors have had the opportunity of demonstrating considerable pathology in the GI tract. Among the abnormalities are: linitis plastica of the stomach, gastric outlet obstruction, mesenteric lymphoma, carcinoma of the colon and intussusception of the jejunum. Two characteristic patterns of abnormality have been found.

Saturday, November 11, 2:00 p.m.

Georgia World Congress Center
Room 211

SESSION #67

C. REX TEESLINK, Chairman,
Augusta, Ga., presiding

2:00 p.m.

ALOGARITHMIC PATHWAYS IN MEDIASTINAL TUMORS

MANUEL VIAMONTE, JR.
Miami, Fla.

Guest Speaker
Section on Radiology

3:00 p.m.

INTERMISSION—VISIT EXHIBITS

3:30 p.m.

THORACIC CT SCANNING (PULMONARY AND MEDIASTINAL)

MANUEL VIAMONTE, JR.
Miami, Fla.

Guest Speaker
Section on Radiology

4:20 p.m.

PREOPERATIVE IRRADIATION OF MALIGNANCIES OF THE RECTUM AND RECTOSIGMOID

BOYD T. WORDE, LOWELL S. MILLER,
and WILLIAM PETEE
Durham, N.C.

Presentation by Dr. Petee

With increasing interest in the use of preoperative irradiation for malignancies of the rectum and rectosigmoid, a brief survey of current literature will be presented. A retrospective evaluation of all patients receiving preoperative irradiation for malignancies of the rectum and rectosigmoid at Duke University Medical Center since June 1, 1974, will be presented with short-term evaluation.

4:35 p.m.

THE VAGUS REACTION AND THE RADIOLOGIST

E. J. ANDREWS, JR.
Pensacola, Fla.

The vagus reaction may be the most common cause of death in the radiology department and has been encountered during every radiological procedure, including barium studies (fatal in one UGI series). The author will discuss the various mechanisms which can induce vagal stimulation, the consequences, recognition and treatment.

Sunday, November 12, 9:00 a.m.

Georgia World Congress Center
Room 211

**SESSION
#68**

ABNER M. LANDRY, Vice-Chairman,
New Orleans, La., presiding

9:00 a.m.

DERMATORADIOLOGICAL SYNDROMES

MANUEL VIAMONTE, JR.
Miami, Fla.

Guest Speaker
Section on Radiology

10:00 a.m.

INTERMISSION—VISIT EXHIBITS

10:30 a.m.

RADIOLOGY OF VISCERAL FAT

MANUEL VIAMONTE, JR.
Miami, Fla.

Guest Speaker
Section on Radiology

11:15 a.m.

BONE SCANNING: CLOTHE THE SKELETON

B. R. J. WILLIAMSON and C. D. TEATES
Charlottesville, Va.

Presentation by Dr. Williamson

The authors will discuss extraosseous changes in bone scanning, primarily from two aspects: 1) distortion of the visible anatomy, and 2) abnormal visualization of usually invisible anatomy. The authors will present a series of cases which demonstrate the information obtained by paying attention to the soft tissue.

11:30 a.m.

CALCIFIC TENDINITIS IN UNUSUAL LOCATIONS

C. L. HAUN
Atlanta, Ga.

11:50 a.m.

**BUSINESS MEETING,
SECTION ON RADIOLOGY**

Sunday, November 12, 2:00 p.m.

Georgia World Congress Center
Room 211

**A Joint Meeting of the Sections on
Gastroenterology
Emergency Medicine
Radiology
Surgery**

See Program on page 71.

Monday, November 13, 9:00 a.m.

Georgia World Congress Center
Room 307

SESSION #69

**A Joint Meeting of the Section on
Radiology
and the
Radiological Society of North America**

MICHAEL A. SULLIVAN, Secretary,
New Orleans, La., presiding

2:00 p.m.—Refresher Course No. 1

**BILIARY TRACT I: ORAL AND INTRAVENOUS EVALUATION OF
THE LIVER, GALLBLADDER AND BILE DUCTS**

ROBERT N. BERK
San Diego, Calif.

3:30 p.m.

INTERMISSION—VISIT EXHIBITS

4:00 p.m.

DRUG-INDUCED PULMONARY DISEASE

STEWART R. ROBERTS, JR.
Atlanta, Ga.

A spectrum of drug-induced pulmonary disease will be presented. Cases presented include drug reactions produced by chemotherapeutic agents (busulfan and adriamycin), analgesics (heroin), endocrine agents (corticosteroids and oral contraceptives), antibiotics (nitrofurantin and penicillin), inhalants (oxygen and mineral oil), diphenylhydantoin, drug-induced lupus syndromes and radiation pneumonitis. The drug-induced pulmonary response, its radiographic pattern and accompanying pathology will be presented.

4:30 p.m.

PULMONARY VARIX

BRUCE R. BAUMGARTNER
Atlanta, Ga.

Several cases of pulmonary varix will be discussed with emphasis on the various radiographic techniques—plain radiography, fluoroscopy, tomography and arteriography that can be utilized to differentiate the pulmonary varix from other pulmonary mass lesions. The etiology and association with pulmonary venous hypertension will also be considered.

4:45 p.m.

CT OF THE ADRENAL GLANDS

ROGER H. TUTTON
New Orleans, La.

CT scanning has proven to be an excellent method of evaluating the

area of the adrenals. CT studies will be correlated with other methods of evaluating these organs to demonstrate the advantages of CT.

Monday, November 13, 6:30-7:30 p.m.

Peachtree Plaza Hotel
American Room

Reception for members, wives, and guests of the Section on Radiology.

Monday, November 13, 2:00 p.m.

Georgia World Congress Center
Room 307

SESSION #70

**A Joint Meeting of the Section on
Radiology
and the
Radiological Society of North America**

9:00 a.m.—Refresher Course No. 2

BILIARY TRACT RADIOLOGY II: DIRECT CHOLANGIOGRAPHY

ROBERT N. BERK
San Diego, Calif.

10:30 a.m.

TOMOGRAPHIC EVALUATION OF TEMPORAL BONE TRAUMA

KENNETH BELL
New Orleans, La.

The temporal bone is frequently involved in craniocerebral trauma. Since the temporal bone contains the cochlear, facial and vestibular nerves and ossicles, serious sequelae can result if these structures are damaged. In addition to fractures, foreign bodies such as welder's slag can enter the external ear canal and lodge in the middle ear causing deafness. Preoperative localization of these foreign bodies is important. Gunshot wounds to the temporal bones can be more effectively evaluated and proper therapeutic measures instituted following tomographic evaluation.

10:45 a.m.

PLAIN RADIOGRAPHIC AND ANGIOGRAPHIC FEATURES OF BONE LESIONS WITH GIANT CELLS

ISSA YAGHMAI
Richmond, Va.

Multinucleated giant cells are frequently seen in a variety of bone lesions such as chondromyxoid fibroma, benign chondroblastoma, fibrous dysplasia, aneurysmal bone cyst, giant cell tumors and some malignant bone lesions, such as osteolytic-type osteosarcoma. The author will discuss the plain radiographic features of these lesions as well as their angiographic manifestations.

11:00 a.m.

PERIPHERAL VASCULAR DISEASE—ARTERIAL AND VENOUS

C. REX TEESLINK
Augusta, Ga.

Chairman
Section on Radiology

Peripheral angiography is widely available in many community hospitals. The evaluation of the peripheral vascular problems, both of arterial and venous nature, by the community hospital in an effort to speed patient care and welfare will be presented.

Tuesday, November 14, 9:00 a.m.

Georgia World Congress Center
Room 200

**A Joint Meeting of the Sections on
Gynecology, Obstetrics, Pathology, Radiology**

**EIGHTH ANNUAL
GEORGE PAPANICOLAOU
MEMORIAL SEMINAR IN
GYNECOLOGIC PATHOLOGY**

See Program on page 74.

Program is acceptable for 15 Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category I of the American Medical Association's Physician's Recognition Award.

SECTION ON SURGERY

Co-sponsored by the Georgia Chapter, American College
of Surgeons

OFFICERS

Chairman	RICHARD J. FIELD, JR., Centreville, Miss.
Secretary	JOAQUIN S. ALDRETE, Birmingham, Ala.
Secretary-Elect	J. PATRICK O'LEARY, Gainesville, Fla.
MAG Program Chairman	LaMAR S. McGINNIS, JR., Decatur, Ga.
SMA Guest Speaker	JAMES D. HARDY, Jackson, Miss.
MAG Guest Speaker	ROLLINS HANLON, Chicago, Ill.

Saturday, November 11, 2:00 p.m.

Georgia World Congress Center

Room 209

**SESSION
#71**

EDWARD L. BRADLEY, III, Atlanta, Ga.,
presiding

2:00 p.m.

TEN-YEAR RESULTS OF AGGRESSIVE CARE OF CAUSTIC BURNS OF THE ESOPHAGUS

FOSTER MARSHALL, II
Columbia, S.C.

In 1967 care of esophageal burns from caustic substances was altered to include immediate esophagoscopy, high steroid doses and follow-up dilatations plus cine-esophagograms as needed. Prior to this, this area averaged six esophageal stricture repairs a year. Since 1967, there have been no esophageal strictures in 100 patients treated for caustic burns of the esophagus.

Discussant:

JOSEPH I. MILLER, JR.,
Atlanta, Ga.

2:15 p.m.

MANAGEMENT OF ESOPHAGEAL PERFORATION

SAAD A. SAAD and H. BIEMANN OTHERSEN, JR.
Charleston, S.C.

Presentation by Dr. Saad

Most esophageal perforations require surgical management. The experience with the use of a pleural flap to cover the area of perforation in the distal esophagus will be described.

Discussant:

RICHARD B. McELVEIN,
Birmingham, Ala.

2:30 p.m.

RETROSPECTIVE REVIEW OF FIFTEEN YEARS' EXPERIENCE WITH MALLORY-WEISS SYNDROME

SHERMAN D. HIXSON, R. PHILLIP BURNS,
and LOUIS G. BRITT
Memphis, Tenn.

Presentation by Dr. Hixson

The diagnostic aspects, particularly the use of endoscopy and angiography, in patients bleeding from a gastroesophageal tear (Mallory-Weiss syndrome) and the therapeutic measures in this condition, will be analyzed based on a retrospective review of 15 years' experience with this entity.

Discussant:

LaMAR S. McGINNIS, JR.,
Decatur, Ga.

2:45 p.m.

RESULTS OF CORRECTIVE SURGERY FOR ALKALINE GASTRITIS

WAHEED AHMAD, HIRAM C. POLK, JR.,
and PHIL J. HARBRECHT
Louisville, Ky.

Presentation by Dr. Ahmad

The experience with 13 patients with documented reflux alkaline gastritis will be presented retrospectively. The difficulties in obtaining a totally satisfactory result by remedial operations in these patients will be emphasized.

Discussant:

JOHN L. SAWYERS,
Nashville, Tenn.

3:00 p.m.

STOMACH SUBSTITUTION AFTER TOTAL GASTRECTOMY

Z. H. LIEBERMAN
Dallas, Tex.

Attempting to determine the best reconstructive method after total gastrectomy, the experience with six such patients, will be reviewed retrospectively. The long-term follow-up in these patients will be discussed.

Discussant:

JOAQUIN S. ALDRETE,
Birmingham, Ala.

3:15 p.m.

INTERMISSION—VISIT EXHIBITS

3:45 p.m.

BRUNNER'S GLAND ADENOMAS: CLINICAL PRESENTATION AND SURGICAL MANAGEMENT

GLENN R. BARNHART and KIMBALL I. MAULL
Richmond, Va.

Presentation by Dr. Barnhart

The incidence, the symptomatology and diagnostic methods to recognize Brunner's gland adenomas will be analyzed. The histopathological characteristics and the surgical approach to treat these rare duodenal lesions will also be discussed.

4:00 p.m.

MANAGEMENT OF GASTRIC PERSIMMON BEZOARS (DIOSPYROBEZOARS)

PATRICK DOLAN and BERNARD W. THOMPSON
Little Rock, Ark.

Presentation by Dr. Dolan

The experience accumulated with 17 patients with gastric diospyrobezoars, a type of bezoar due to ingestion of persimmons, will be analyzed retrospectively. Bleeding is a frequent complication and surgical treatment is usually required after confirmation of the diagnosis by endoscopic and radiological studies.

Discussant:

TALMADGE A. BOWDEN, JR.,
Augusta, Ga.

4:15 p.m.

GASTRIC SMOOTH MUSCLE TUMORS

DABNEY R. YARBROUGH, III, and PAUL McD. CATHCART
Charleston, S.C.

Presentation by Dr. Cathcart

Tumors arising from the smooth muscle of the stomach behave differently than those arising from the gastric mucosa. The authors will analyze the experience with 26 patients who had gastric smooth muscle tumors. The diagnostic, therapeutic, histological and prognostic implications will be discussed.

Discussant:

EUGENE D. DAVIDSON,
Atlanta, Ga.

4:30 p.m.

**THE EFFECT OF OPERATIVE MANAGEMENT ON
POSTOPERATIVE MORBIDITY AND MORTALITY FOLLOWING
PANCREATICODUODENAL INJURY**

KENT L. JONES, H. J. PROCTOR,
and JACK B. PEACOCK
Chapel Hill, N.C.

Presentation by Dr. Jones

After a retrospective review of 42 cases with pancreaticoduodenal injury, 21 were found to have minor contusions, with the remaining 21 cases having serious injuries. Of these 21 serious injuries, eight had resection and/or internal fistulization which resulted in a decreased morbidity when compared with the remaining 13 cases treated by drainage and/or suturing.

Discussant:

SAM E. STEPHENSON, JR.,
Jacksonville, Fla.

4:45 p.m.

**HOW AND WHEN TO USE BARIUM TO CONFIRM THE
DIAGNOSIS OF INTESTINAL OBSTRUCTION**

SANG Y. HAN, HENRY L. LAWS,
and JOAQUIN S. ALDRETE
Birmingham, Ala.

Presentation by Dr. Laws

In recent years the utilization of radiological studies using barium as a contrast medium has become an accepted diagnostic method in a selected group of patients with intestinal obstruction. The authors will attempt to delineate the indications for these diagnostic studies in patients with suspected intestinal obstruction based on the analysis of the experience with this technique in the past few years.

Discussant:

J. PATRICK O'LEARY,
Gainesville, Fla.

Saturday, November 11, 6:00-7:30 p.m.

Peachtree Plaza Hotel
English Room

Reception for members, wives, and guests of the Section on Surgery.

Sunday, November 12, 9:00 a.m.

Georgia World Congress Center
Room 209

**SESSION
#72**

JOAQUIN S. ALDRETE, Secretary,
Birmingham, Ala., presiding

9:00 a.m.

**CORRELATION OF INTRAOPERATIVE
ELECTROENCEPHALOGRAPHY WITH NEUROLOGIC DEFICIT
FOLLOWING CAROTID ENDARTERECTOMY**

JOHN A. BYER, J. D. DEXTER,
and J. A. HENZEL
Columbia, Mo.

Presentation by Dr. Byer

Forty-eight carotid endarterectomy patients had intraoperative EEG monitoring after carotid artery clamping. Thirty-nine patients had no EEG abnormalities and two experienced transient neurologic deficits. Nine patients developed an EEG asymmetry and four experienced a transient deficit. Thus, an abnormal EEG was associated with a high incidence of transient deficits.

Discussant:

PAUL E. STANTON, JR.,
Atlanta, Ga.

9:15 a.m.

AORTOENTERIC FISTULAS

FEDERICO T. FLORENDO and HARVEY C. HARMON
Memphis, Tenn.

Presentation by Dr. Florendo

Based on a retrospective analysis of eight cases with aortoenteric fistulas, a patient population susceptible to this condition will be identified. An algorithm for the diagnostic investigation of these patients will be proposed, and the classification and therapeutic modalities of aortoenteric fistulas will be discussed.

Discussant:

ROBERT B. SMITH, III,
Decatur, Ga.

9:30 a.m.

**SUBCLAVIAN STEAL: REVIEW OF THE CLINICAL
MANIFESTATIONS**

J. D. LAWSON, M. R. PETRACEK,
G. S. BUCKSPAN and R. H. DEAN
Nashville, Tenn.

Presentation by Dr. Lawson

The clinical manifestations, the surgical procedures and the results obtained in 32 patients with subclavian or innominate arterial occlusion will be reviewed. Some important points that became evident in this analysis will be discussed in detail.

9:40 a.m.

SUBCLAVIAN STEAL SYNDROME

ALBERTO J. LARRIEU, LOUIS B. MORETTIN,
and JOHN R. DERRICK
Galveston, Tex.

Presentation by Dr. Larrieu

An analysis of the experience with 17 patients with documented subclavian steal syndrome treated by operation will be given. The authors will attempt to define those patients who will benefit the most from operative treatment.

Discussant:

HOLT A. McDOWELL,
Birmingham, Ala.

10:00 a.m.

**INTRODUCTION OF GUEST SPEAKER, GEORGIA CHAPTER OF
THE AMERICAN COLLEGE OF SURGEONS**

WILLIAM G. WHITAKER, JR.
Atlanta, Ga.

10:05 a.m.

**CURRENT ROLE OF THE AMERICAN COLLEGE OF SURGEONS
IN SURGICAL PRACTICE**

C. ROLLINS HANLON
Chicago, Ill.
Guest Speaker
Georgia Chapter of the
American College of Surgeons

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

DO COMMON DUCT STONES RECUR?

HUBERT C. PATTERSON, CHARLES A. BREAM,
S. A. JENKINS,
and NANCY C. SALEEBY, M.S.
Chapel Hill, N.C.

Presentation by Dr. Jenkins

Seventy-five percent of retained common duct stones can be dissolved or removed mechanically. The authors will present a seven year follow-up study of 30 cases in which overlooked common duct stones have been removed. Preliminary results suggest that common duct stones do not recur following cholecystectomy and choledocholithotomy.

Discussant:

JOHN P. WILSON,
Atlanta, Ga.

11:15 a.m.

**BACTERIOLOGIC CONSIDERATIONS IN NECROTIZING
ENTEROCOLITIS**

H. HARLAN STONE
Atlanta, Ga.

The experience with 61 infants with perforated necrotizing enterocolitis treated by bowel resection, Mikulicz enterostomy and antibiotics will be analyzed. The best selection of antibiotics and the proper use of bacteriological studies will be suggested based on this experience.

Discussant:

LEWIS M. FLINT, JR.,
Louisville, Ky.

11:30 a.m.

**THE INTRAOPERATIVE USE OF GASTROINTESTINAL
ENDOSCOPY IN THE MANAGEMENT OF PATIENTS WITH
OCCULT GASTROINTESTINAL BLEEDING**

TALMADGE A. BOWDEN, JR., VENDIE H. HOOKS,
and ARLIE R. MANSBERGER, JR.
Augusta, Ga.

Presentation by Dr. Bowden

The specific indications for the use of intraoperative gastrointestinal endoscopy will be outlined based on an extreme clinical experience. The continued use of radiographic and intraoperative endoscopic techniques in the diagnosis and management of patients with occult gastrointestinal bleeding will be discussed.

Discussant:
STEPHEN M. BARNETT,
Atlanta, Ga.

11:45 a.m.

DETECTION OF INTRACOLONIC LESIONS BY BARIUM ENEMA CONTRAST STUDY AND THE IMPORTANCE OF ADEQUATE COLON PREPARATION TO DIAGNOSTIC ACCURACY?

CARL O. KNUTSON and MARTIN H. MAX
Louisville, Ky.

Presentation by Dr. Knutson

The importance of adequate preparation of the colon to attain maximal diagnostic accuracy with a barium enema will be demonstrated in this analysis of 173 patients with one or more polypoid lesions of the colon demonstrated radiographically. Colonoscopy was performed in 30 patients. Colonoscopy did not confirm the presence of the polyps.

Discussant:
BERNARD W. THOMPSON,
Little Rock, Ark.

12:00 noon

**BUSINESS MEETING,
SECTION ON SURGERY**

Sunday, November 12, 2:00 p.m.

Georgia World Congress Center
Room 211

**A Joint Meeting of the Sections on
Gastroenterology
Emergency Medicine
Radiology
Surgery**

See Program on page 71.

Monday, November 13, 9:00 a.m.

Georgia World Congress Center
Room 209

**SESSION
#73**

RICHARD J. FIELD, JR., Chairman,
Centreville, Miss., presiding

9:00 a.m.

RESECTION OF ABDOMINAL AORTIC ANEURYSMS IN THE OVER EIGHTY AGE GROUP

W. GARDNER RHEA, JR., MICHAEL R. PETRACEK,
ROBERT E. RICHIE, and J. D. LAWSON
Nashville, Tenn.

Presentation by Dr. Petracek

The problem posed by octogenarian patients with abdominal aortic aneurysms will be examined, using the experience acquired with nine such patients and a question survey. It is concluded that the mortality rate for elective operation in these patients is overestimated and that octogenarian patients with abdominal aortic aneurysms should receive the same consideration concerning the elective resection of their abdominal aneurysm.

Discussant:
GARLAND D. PERDUE, JR.,
Atlanta, Ga.

9:15 a.m.

POST-TRAUMATIC ACALCULOUS CHOLECYSTITIS

JAMES F. RICE, LEWIS M. FLINT, JR.,
and J. DAVID RICHARDSON
Louisville, Ky.

Presentation by Dr. Rice

The important diagnostic, therapeutic and prognostic aspects of acalculous cholecystitis occurring in patients recovering from severe traumatic injuries will be discussed based on the experience accumulated with five such cases.

Discussant:

ATEF A. SALAM,
Atlanta, Ga.

9:30 a.m.

PELVIC RECURRENCES FOLLOWING ABDOMINOPERINEAL RESECTION

PHILIP R. VEAZEY and CHARLES M. McBRIDE
Houston, Tex.

Presentation by Dr. Veazey

An objective analysis of 120 patients who underwent abdominoperineal resection for carcinoma of the rectum will be made, with particular reference to sex distribution and the recurrence of the tumor in the pelvis. The high incidence lends support for consideration of a posterior exenteration in all women with advanced rectal carcinoma.

Discussant:

WILLIAM C. McGARITY,
Atlanta, Ga.

9:45 a.m.

TREATMENT OF METABOLIC ALKALOSIS WITH INTRAVENOUS HYDROCHLORIC ACID

CHARLES W. WAGNER, ROBERT R. NESBIT, JR.,
and ARLIE R. MANSBERGER, JR.
Augusta, Ga.

Presentation by Dr. Nesbit

The experience accumulated documents the efficacy of intravenous hydrochloric acid infusion as a safe and prompt method to correct otherwise refractory metabolic alkalosis in patients with severe metabolic abnormalities and in whom therapy with NaCl or KCl is ineffective or contraindicated.

Discussant:

WILLIAM J. MILLIKAN, JR.,
Atlanta, Ga.

10:00 a.m.

ABDOMINAL AORTIC ANEURYSMS

JAMES D. HARDY
Jackson, Miss.

Guest Speaker
Section on Surgery

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

PANEL DISCUSSION: SURGICAL DISEASES OF THE PANCREAS

Moderator:

J. PATRICK O'LEARY,
Gainesville, Fla.

Panelists:

JAMES D. HARDY,
Jackson, Miss.

W. DEAN WARREN,
Atlanta, Ga.

JOHN L. SAWYERS,
Nashville, Tenn.

Monday, November 13, 2:00 p.m.

Georgia World Congress Center
Room 209

SESSION #74

LaMAR S. McGINNIS, JR., MAG Program Chairman,
Decatur, Ga., presiding

2:00 p.m.

FILTRATION CHARACTERISTICS OF THE POLYESTER FOAM (FENWAL II) MICROPORE BLOOD TRANSFUSION FILTER

BO I. RISBERG, MICHAEL J. HURLEY,
EDITH MILLER, M.S., DAVID S. deJONGH,
and MARTIN S. LITWIN
New Orleans, La.

Presentation by Dr. Litwin

The filtration characteristics of a new polyester foam micropore blood transfusion filter were tested by passing outdated blood through the filter by gravity and applied pressure. The results show that this filter allows a rapid flow, removes microaggregates and does not alter the blood components.

Discussant:

J. DAVID RICHARDSON,
Louisville, Ky.

2:15 p.m.

CARCINOMA OF THE THYROID IN A GENERAL HOSPITAL

RAHMAT M. SEIF, ROBERT E. BERRY,
and CARL J. KITE
Roanoke, Va.

Presentation by Dr. Seif

The problem of incidence of carcinoma in thyroid nodules will be addressed by reviewing 370 consecutive thyroidectomies which revealed a 10% incidence of carcinoma. Further details of the study in reference to solitary nodules and their registration in the thyroid scan will be discussed.

Discussant:

CHARLES M. BALCH,
Birmingham, Ala.

2:30 p.m.

PRIMARY HYPERPARATHYROIDISM: SURGICAL UPDATE

WILLIAM R. PRIDGEN, THOMAS M. FORTNER,
and JAMES A. PITCOCK
Memphis, Tenn.

Presentation by Dr. Pridgen

The current diagnostic and therapeutic techniques in the management of primary hyperparathyroidism will be presented, based on a review of 118 cases treated by operation. Some of the unusual and perplexing problems that confront the surgeon treating this condition will be emphasized.

Discussant:
ARNOLD G. DIETHELM,
Birmingham, Ala.

2:45 p.m.
THE DILEMMA OF THE GENERAL SURGEON

RICHARD J. FIELD, JR.
Centreville, Miss.
Chairman
Section on Surgery

3:15 p.m.
INTERMISSION—VISIT EXHIBITS

3:45 p.m.

**ANOTHER CAUSE OF NIPPLE DISCHARGE: MAMMARY DUCT
ECTASIA WITH PERIDUCTAL MASTITIS**

WILLIAM D. GASKINS, ALBERT KREUTNER, JR.,
and PAUL H. O'BRIEN
Charleston, S.C.

Presentation by Dr. Gaskins

The diagnostic, pathological and therapeutic implications of patients with mammary duct ectasia with periductal mastitis manifested by nipple discharge will be discussed based on a retrospective review of 25 such patients.

Discussant:
WILLIAM G. WHITAKER, JR.,
Atlanta, Ga.

4:00 p.m.

VASCULAR ACCESS FOR CANCER CHEMOTHERAPY

MARK J. COSTANTINO, J. D. ANSLEY,
and GARLAND D. PERDUE, JR.
Atlanta, Ga.

ROBERT B. SMITH, III
Decatur, Ga.

Presentation by Dr. Costantino

The use of upper arm bovine heterograft arteriovenous fistulas to infuse chemotherapeutic agents will be discussed based on the experience accumulated with this technique in 48 patients with cancer receiving long-term chemotherapy.

Discussant:
CHARLES M. McBRIDE,
Houston, Tex.

4:15 p.m.

**PROBLEMS ENCOUNTERED IN HYPERALIMENTING THE
CRITICALLY ILL PATIENT**

H. D. REINES, B. S. QUEENER, B.S.,
and G. H. RODMAN
Miami, Fla.

Presentation by Dr. Reines

The experience obtained with a protocol established for the administration of total parenteral nutrition in seriously ill patients will be analyzed with emphasis on the metabolic complications encountered in this patient population.

Discussant:

JOSEPH D. ANSLEY,
Atlanta, Ga.

4:30 p.m.

THE PRACTICAL VALUE OF PHLEBOGRAPHY

MALCOLM R. LEWIS and W. ANDREW DALE
Nashville, Tenn.

Presentation by Dr. Lewis

Based on the analysis of 200 consecutive phlebograms, the usefulness and low morbidity with this diagnostic procedure will be documented.

4:40 p.m.

**DIAGNOSIS OF DEEP VENOUS THROMBOSIS BY DOPPLER
ULTRASOUND AND IMPEDANCE PLETHYSMOGRAPHY**

PAUL EUGENE STANTON, JR., NANCY L. MAULDIN, R.N.,
PANO A. LAMIS, DAVID McCLUSKY,
and DAVID ROSENTHAL
Atlanta, Ga.

Presentation by Dr. McClusky

The specific indications, expectations and limitations of Doppler ultrasonography and impedance plethysmography to diagnose deep venous thrombosis will be discussed based on a large experience accumulated with this procedure.

Discussant:

HENRY L. LAWS
Birmingham, Ala.

Program is acceptable for 12 Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category 1 of the American Medical Association's Physician's Recognition Award.

SECTION ON UROLOGY

Co-sponsored by the Georgia Urological Association

OFFICERS

Chairman	ROY WITHERINGTON, Augusta, Ga.
Secretary	RAYMOND W. TURNER, Shreveport, La.
Secretary-Elect	JOHN F. REDMAN, Little Rock, Ark.
MAG Program Chairman	T. J. FLORENCE, Marietta, Ga.
Guest Speaker	WILLIAM J. STAUBITZ, Buffalo, N.Y.

Sunday, November 12, 9:00 a.m.

Georgia World Congress Center
Room 208

**SESSION
#75**

9:00 a.m.

SURGICAL MANAGEMENT OF GERMINAL CELL TUMORS OF TESTIS

WILLIAM J. STAUBITZ
Buffalo, N.Y.

Guest Speaker
Section on Urology

9:30 a.m.

PATHOLOGY OF GERMINAL CELL TUMORS OF THE TESTIS

STANLEY WEITZNER
Jackson, Miss.

9:45 a.m.

RADIOTHERAPY IN MANAGEMENT OF TESTICULAR TUMORS

JOHN R. McLAREN
Atlanta, Ga.

10:00 a.m.

INTERMISSION—VISIT EXHIBITS

10:30 a.m.

MODERN CHEMOTHERAPY IN MANAGEMENT OF TESTICULAR TUMORS

DANIEL W. NIXON
Atlanta, Ga.

10:50 a.m.

PATHOLOGY OF STROMAL CELL TUMORS OF THE TESTIS AND PARATESTICULAR TUMORS

STANLEY WEITZNER
Jackson, Miss.

11:05 a.m.

THERAPY OF STROMAL CELL TUMORS OF THE TESTIS AND PARATESTICULAR TUMORS

WILLIAM J. STAUBITZ
Buffalo, N.Y.

Guest Speaker
Section on Urology

11:35 a.m.

PANEL DISCUSSION: MANAGEMENT OF TESTICULAR TUMORS

Moderator:

ROY WITHERINGTON,
Augusta, Ga.

Panelists:

WILLIAM J. STAUBITZ,
Buffalo, N.Y.
DOUGLAS E. JOHNSON,
Houston, Tex.
STANLEY WEITZNER,
Jackson, Miss.
JOHN R. McLAREN,
Atlanta, Ga.
DANIEL W. NIXON,
Atlanta, Ga.

12:00 noon

SUMMATION OF THERAPY OF TESTICULAR AND PARATESTICULAR TUMORS

DOUGLAS E. JOHNSON
Houston, Tex.

Sunday, November 12, 1:30 p.m.
Georgia World Congress Center
Room 208

SESSION #76

1:30 p.m.

EVALUATION AND TREATMENT OF THE IMPOTENT MALE

DAVID F. MOBLEY
Houston, Tex.

A diagnostic approach to the treatment of the impotent male will be presented. This evaluation includes a thorough medical and urologic history, and physical examination. This is followed by appropriate laboratory testing, psychological evaluation and testing, and if indicated, psychiatric evaluation. Men suspected of having organic impotence are submitted to sleep erection studies to determine whether they have normal sleep erections. A treatment program is based upon etiologic factors. Men with functional impotence are referred for appropriate therapy. A penile prosthesis is offered to men with organic impotence. Experience with the AMS inflatable penile prosthesis in the treatment of organic impotence will be presented.

1:40 p.m.

SEMEN MANIPULATION IN MALE FACTOR INFERTILITY

EDOUARD J. SERVY and JOHN B. BLACK, Ph.D.
Augusta, Ga.

Presentation by Dr. Servy

A new era of hope in male infertility may be contemplated. The authors will present their attempts to improve semen quality by layering on vertical columns of serum albumin and washing in Tyrode's solution. Selected samples have been used for homologous insemination in a limited human study with a 20% success rate.

1:50 p.m.

ALTERNATIVE TO RADICAL PROSTATECTOMY FOR CURATIVE TREATMENT OF CARCINOMA OF THE PROSTATE

GORDON MATHIS and ROY C. PAGE
Memphis, Tenn.

Presentation by Dr. Page

Radical prostatectomy has been the accepted treatment for carcinoma of the prostate gland confined within the prostatic capsule for some time. Disadvantages include impotence in 100% of cases and incontinence in 10-15% of cases. A reliable alternative to radical surgery is the retropubic implantation of iodine 125 radioactive seeds combined with pelvic lymphadenectomy in selected cases. It is anticipated that this is a curative procedure in patients with negative nodes and alternatively those with positive nodes have received adjuvant chemotherapy for one year. A presentation of 60 cases with results and advantages of this procedure, including minimal morbidity or disturbance in urinary, rectal and sexual functions will be given.

2:00 p.m.

TESTICULAR INFILTRATE IN ACUTE LYMPHOCYTIC LEUKEMIA: THE NEED FOR BIOPSY IN RELAPSE

VICTOR BRAREN and JOHN N. LUKENS
Nashville, Tenn.

Presentation by Dr. Braren

The testicle is a prime, initial target for infiltration during relapse in male children with acute lymphocytic leukemia. Herein the authors will present their experience with the management of this occurrence in seven children. It will be stressed that a biopsy is essential to the diagnosis. Differential diagnosis will be presented. One is admonished not to make presumptive diagnosis by palpation. Orchiectomy is unwarranted. Testicular irradiation plus reinstatement of high-dose adjunctive chemotherapy is the treatment of choice. Follow-up and prognosis of the group will be presented. The role of the urologist in diagnosis and management will be stressed.

2:15 p.m.

MAJOR VENA CAVAL ANOMALIES COMPLICATING RETROPERITONEAL LYMPHADENECTOMY

DOUGLAS E. JOHNSON, R. BRYAN GRIFFITH,
and JOHN P. TROBRIDGE
Houston, Tex.

Presentation by Dr. Johnson

Either complete duplication of the vena cava or transposition of the vessel to the left side of the aorta below the renal vessels has been encountered recently in four patients undergoing retroperitoneal lymphadenectomy for testicular carcinoma. The embryogenesis for these conditions will be reviewed and their clinical implications will be discussed.

2:30 p.m.

ADVANCES IN COLOR TELEVISION ENDOSCOPY

HAROLD P. McDONALD, JR., and
HAROLD P. McDONALD, SR.
Atlanta, Ga.

Presentation by Dr. McDonald, Jr.

Technical improvements in endoscopic lenses, light sources, optic coupling devices and color television cameras now make it possible to routinely televise endoscopic findings with a low cost system. A large screen demonstration will be shown.

2:40 p.m.

SECONDARY RENAL NEOPLASMS: AN AUTOPSY STUDY

R. BRUCE BRACKEN, GERARDO A. CHICA,
DOUGLAS E. JOHNSON, and MARIO A. LUNA
Houston, Tex.

Presentation by Dr. Bracken

Autopsies performed on 11,328 patients dying with malignant disease revealed renal metastases in 816 (7.2%). The most common sites of primary tumors were the lung, breast, skin (melanoma) and genitourinary tract. Although lesions are usually small, multiple and bilateral, the increased sensitivity of new diagnostic procedures gives them greater clinical importance.

2:50 p.m.

MEDICAL EVALUATION AND MANAGEMENT OF RENAL CALCULI

FLETCHER C. DERRICK, JR.
Charleston, S.C.

Renal calculus disease is one of the leading causes of loss of time from work in that it affects more-so the working age populace. The author will delineate types of renal calculi and more specifically, a plan for investigation and treating certain variations in stone disease.

3:00 p.m.

INTERMISSION—VISIT EXHIBITS

3:30 p.m.

THE HARRY SPENCE PYELOGRAM CONFERENCE

Moderator:

RAYMOND W. TURNER,
Shreveport, La.

Members and guests of the Section on Urology are urged to attend the Conference and bring x-rays of unusual interest for informal presentations.

4:30 p.m.

**BUSINESS MEETING,
SECTION ON UROLOGY**

Monday, November 13, 9:00 a.m.-5:00 p.m.

Georgia World Congress Center
Room 201

**Postgraduate Course on
PEDIATRIC UROLOGY**

See Program on page 36.

Program is acceptable for six Elective hours by the American Academy of Family Physicians.

Program acceptable for hour-for-hour credit in Category 1 of the American Medical Association's Physician's Recognition Award.

SMA LEARNING CENTER

The SMA Learning Center is another innovation in scientific programming. Clinical presentations, sponsored by Pfizer Laboratories, Inc., Hoechst-Roussel Pharmaceuticals and Lederle Laboratories will be conducted in an informal setting with experts in chosen topics. Seating will be limited in order to allow direct dialog with the various speakers. Please plan to take advantage of this unique educational opportunity.

Saturday, November 11

Georgia World Congress Center
Exhibit Hall

**SESSION
#77**

11:00-12:00 noon

PRACTICAL SELECTION OF ANTIBIOTIC THERAPY

PAUL R. O'BAR
Charlotte, N.C.

1:00-2:00 p.m.

**SESSION
#78**

TREATMENT OF THE AMBULATORY ASTHMATIC

DONALD C. McLEAN
Atlanta, Ga.

3:00-4:00 p.m.

**SESSION
#79**

MANAGEMENT OF DEPRESSION

ARTHUR J. PRANGE, JR.
Chapel Hill, N.C.

Sunday, November 12

Georgia World Congress Center
Exhibit Hall

**SESSION
#80**

11:00-12:00 noon

DRUG INTERACTIONS

PHILIP P. GERBINO, Pharm. D.
Philadelphia, Pa.

1:00-2:00 p.m.

**SESSION
#81**

WHAT'S NEW IN THE TREATMENT OF DIABETES

STEPHEN PODOLSKY
Boston, Mass.

3:00-4:00 p.m.

**SESSION
#82**

CURRENT CONCEPTS IN THE EVALUATION AND MANAGEMENT OF ESSENTIAL HYPERTENSION

PAUL K. WHELTON
Baltimore, Md.

Monday, November 13

Georgia World Congress Center
Exhibit Hall

**SESSION
#83**

10:00 a.m.-12:00 noon

DRUG TREATMENT OF PATIENTS WITH HYPERTENSION WITH PARTICULAR EMPHASIS ON THE USE OF DIURETICS AND PLASMA VOLUME CONTROL

WILLIAM J. MROCZEK
Washington, D.C.

Monday, November 13

Georgia World Congress Center
Exhibit Hall

**SESSION
#84**

2:00-3:30 p.m.

NUTRITIONAL QUACKERY

LEON ELLENBOGEN, Ph.D.
Pearl River, N.Y.

3:30-5:00 p.m.

DRUG-INDUCED NUTRITIONAL INTERACTIONS

LEON ELLENBOGAN, Ph.D.
Pearl River, N.Y.

**SESSION
#85**

PROGRAMMED LEARNING INSTRUCTION

A battery of 30 "Auto-Tutors" will offer an excellent opportunity for physicians to review current medical information on eight basic topics. Each course takes approximately one hour to complete and full operating instructions are available at each machine.

	SESSION
Alcoholism	#86
Fetal Monitoring	#87
Drug Interactions	#88
Gonococcal Infections	#89
Growth and Development	#90
Infant Nutrition Update	#91
Menstrual Problems	#92
Sexual Dysfunction	#93

Each course is acceptable for one Prescribed hour by the American Academy of Family Physicians.

Program acceptable for one hour credit in Category I of the American Medical Association's Physician's Recognition Award.

This programmed instruction system
facility and staff are provided
courtesy of
Wyeth Laboratories

The Southern Medical Association
and
The Network for Continuing
Medical Education
invite your participation in



TELECOURSES

Saturday-Monday, November 11-13, 1978
Georgia World Congress Center
Roche Exhibit Area

	SESSION
Cardiac Auscultation	#94
•	
The Automobile Casualty	#95
•	
The Five Phases of Acute Myocardial Infarction	#96
•	
Anemia: Signal of Disease	#97
•	
Osteoporosis: A Disorder of Bone Remodeling	#98

Each program meets the criteria for one hour of Category 1 credit toward the Physician's Recognition Award of the American Medical Association and is acceptable for one hour of Prescribed credit by the American Academy of Family Physicians.

**MEDICAL STUDENT REPRESENTATIVES
TO THE
SOUTHERN MEDICAL ASSOCIATION'S
72nd ANNUAL SCIENTIFIC ASSEMBLY
23rd ANNUAL MSR PROGRAM**

November 11-14
Atlanta, Ga.

WELCOME

On behalf of the officers and members of the Southern Medical Association, the Association's Committee on Medical Students welcomes the official Medical Student Representatives to the 72nd Annual Meeting of the Southern Medical Association.

The Southern Medical Association looks forward each year to hosting the group of medical student representatives, selected by their classmates. The objectives of this program are:

- to give students an opportunity to participate in a full-scale medical meeting;
- to teach students that study does not cease when classrooms are left and point out the value of continuing medical education after graduation;
- to make students aware that medical organizations are engaged in a continuous effort to promote research and present results to practicing physicians, and that through the scientific sessions "postgraduate" courses in medicine are offered;
- and finally, to urge students to share their findings with classmates upon returning to school.

With the exception of the Schedule of Activities, beginning on page 164, Medical Student Representatives are free to attend the meetings of their choice from the Association's "medical smorgasbord." It is suggested that you review this program carefully so that you might make the most of your time at the meeting.

Committee on Medical Students

James Y. Griggs, Chairman
Johnnie L. Gallemore, Jr., Vice-Chairman
David L. Barclay
Robert K. Dorton
Walter C. Jones, III
John B. Lynch
Robert G. Overstreet
John B. Thomison

**SCHEDULE OF ACTIVITIES
FOR
MEDICAL STUDENT REPRESENTATIVES**

Saturday, November 11

9:00 a.m.-5:00 p.m.

SMA/MAG Postgraduate Courses,
Georgia World Congress Center

11:00 a.m.

SMA First General Session, Peachtree Plaza Hotel,
Spanish/Georgian Room

12:00 noon

Arrival—Plan to arrive in Atlanta by noon. Check into the Peachtree Plaza Hotel. Medical Student Representatives will share twin rooms reserved by the Association.

1:00 p.m.

SMA Registration, Georgia World Congress Center
Important: Advise registration personnel that you are an official Medical Student Representative; your badge will be ready for you.

2:00 p.m.

Orientation Session, Peachtree Plaza Hotel, Confederate Room.
See Program on page 166.

7:00 p.m.

SMA President's Reception, Peachtree Plaza Hotel,
Plaza Ballroom.

Sunday, November 12

9:00 a.m.-5:00 p.m.

SMA/MAG Scientific Sessions, Exhibits, etc., Georgia World Congress Center

6:30 p.m.

SMA President's Night Dinner Dance, Peachtree Plaza Hotel—Hospitality Hour, 6:30-7:30 p.m., Plaza Ballroom; and Dinner Dance, 7:30 p.m. Peachtree Ballroom. Medical Student Representatives will be special guests of the President.

Monday, November 13

9:00 a.m.-5:00 p.m.

SMA/MAG Scientific Sessions, Exhibits, etc.,
Georgia World Congress Center

12:15-1:45 p.m.

SMA Second General Session—President's Luncheon, Georgia World Congress Center, Exhibit Hall-Room 100. Medical Student Representatives will be special guests of the President.

Tuesday, November 14

8:30 a.m.

Breakfast Meeting with the Committee on Medical Students and the Executive Committee of the Council, Peachtree Plaza Hotel, Confederate Room.

9:00 a.m.-12:00 noon

SMA/MAG Scientific Sessions, etc.,
Georgia World Congress Center

**ORIENTATION SESSION
FOR
MEDICAL STUDENT REPRESENTATIVES**

Saturday, November 11, 2:00 p.m.
Peachtree Plaza Hotel
Confederate Room

2:00 p.m.

GET ACQUAINTED!

Refreshments will be served while MSR's have an opportunity to meet each other and their hosts.

2:45 p.m.

WELCOME AND INTRODUCTIONS

JAMES Y. GRIGGS
St. Louis, Mo.

Chairman, SMA Committee
on Medical Students

2:50 p.m.

GREETINGS

ANDREW F. GIESEN, JR.
Fort Walton Beach, Fla.

President
Southern Medical Association

2:55 p.m.

SMA—WHAT IT OFFERS YOU

JAMES Y. GRIGGS

3:05 p.m.

SOUTHERN MEDICAL JOURNAL

JOHN B. THOMISON
Nashville, Tenn.

3:15 p.m.

SMA GROUP INSURANCE FOR MEDICAL STUDENTS

WILLIAM W. MOORE, JR.
Atlanta, Ga.

Chairman, SMA Committee
on Insurance

3:20 p.m.

**REMARKS BY MEMBERS,
SMA COMMITTEE ON MEDICAL
STUDENTS**

JOHNNIE L. GALLEMORE, JR.
Durham, N.C.

DAVID L. BARCLAY
Little Rock, Ark.

ROBERT K. DORTON
St. Louis, Mo.

WALTER C. JONES, III
Coral Gables, Fla.

JOHN B. LYNCH
Nashville, Tenn.

ROBERT G. OVERSTREET
Louisville, Ky.

3:30 p.m.

REVIEW OF PROGRAM FOR MSR's

JAMES Y. GRIGGS

3:45 p.m.

MEDICAL X-RAY CONFERENCE—SHOW AND TELL

C. REX TEESLINK
Augusta, Ga.

**MEDICAL STUDENT REPRESENTATIVES
TO THE
SOUTHERN MEDICAL ASSOCIATION'S
72nd ANNUAL SCIENTIFIC ASSEMBLY**

**November 11-14, 1978
Atlanta, Ga.**

The following junior medical students were chosen by their classmates to attend the SMA Atlanta Meeting:

**Baylor College of Medicine,
Houston, Texas**

Randall C. Dunn

**Bowman Gray School of Medicine,
Winston-Salem, N.C.**

Alan H. Matsumoto

**Duke University School of Medicine,
Durham, N.C.**

**Eastern Virginia Medical School,
Norfolk, Va.**

Philip L. Case

**Emory University School of Medicine,
Atlanta, Ga.**

Charles T. Hopkins, Jr.

**Georgetown University School of Medicine,
Washington, D.C.**

Patrick G. Fairchild

**George Washington University School
of Medicine, Washington, D.C.**

Scott W. Donovan

**Howard University College of Medicine,
Washington, D.C.**

Ronald H. Luethje

**Johns Hopkins University School
of Medicine, Baltimore, Md.**

L. Michael Brunt

**Louisiana State University School
of Medicine, New Orleans, La.**

Bryan J. Bertucci

**Louisiana State University School
of Medicine, Shreveport, La.**

Chris Alkire

**Medical College of Georgia,
Augusta, Ga.**

Louis W. Goolsby

**Medical College of Virginia,
Virginia Commonwealth University,
Richmond, Va.**

Elizabeth A. Mumper

**Medical University of South Carolina,
Charleston, S.C.**

Jay W. Birnbaum

**Meharry Medical College,
Nashville, Tenn.**

Pamela A. Huffman

**St. Louis University School of
Medicine, St. Louis, Mo.**

Gregory McHugh

**Texas Tech University School of
Medicine, Lubbock, Tex.**

**Tulane University School of
Medicine, New Orleans, La.**

Thomas B. McElwee

**University of Alabama School of
Medicine, Birmingham, Ala.**

Alan D. Davis

**University of Arkansas School of
Medicine, Little Rock, Ark.**

Paul Becton, Jr.

**University of Florida College of
Medicine, Gainesville, Fla.**

**University of Kentucky College
of Medicine, Lexington, Ky.**

W. Jeffrey Foxx

**University of Louisville School of
Medicine, Louisville, Ky.**

Dana Karen Walden

**University of Maryland School of
Medicine, Baltimore, Md.**

K. C. Kunze

**University of Miami School of Medicine,
Miami, Fla.**

David H. B. Cort

**University of Mississippi School of
Medicine, Jackson, Miss.**

P. Anthony Saway

**University of Missouri School of Medicine,
Columbia, Mo.**

George J. Fuchs, III

**University of Missouri/Kansas City
School of Medicine, Kansas City, Mo.**

**University of North Carolina School
of Medicine, Chapel Hill, N.C.**

Philip R. Johnson, Jr.

**University of Oklahoma School of
Medicine, Oklahoma City, Okla.**

Bonnie M. Miller

**University of South Alabama College of
Medicine, Mobile, Ala.**

Nancy A. McLeod

**University of South Florida College
of Medicine, Tampa, Fla.**

Robert L. Clodfelter, Jr.

**University of Tennessee College of
Medicine, Memphis, Tenn.**

Edward Stephen Ellis

**University of Texas Medical Branch
Galveston, Tex.**

Linda Flores

**University of Texas Medical School
at Houston, Houston, Tex.**

Michael D. Lesem

**University of Texas Medical School,
San Antonio, Tex.**

Randolph W. Rountree

**University of Texas Southwestern
Medical School, Dallas, Tex.**

Woodrow W. Gandy

**University of Virginia School of
Medicine, Charlottesville, Va.**

Gail J. Bryant

**Vanderbilt University School of
Medicine, Nashville, Tenn.**

Robert V. Tauxe

**Washington University School of Medicine,
St. Louis, Mo.**

Charles J. Eaton

**West Virginia University School of Medicine,
Morgantown, W. Va.**

E. William St. Clair

1978 SCIENTIFIC EXHIBITS

Scientific Exhibits, located in the Georgia World Congress Center, will be open from 9:00 a.m. to 5:00 p.m., Saturday through Monday, November 11-13.

642

GROWTH FAILURE IN INFLAMMATORY BOWEL DISEASE

Ms. Marcia Amsterdam, National Foundation for Ileitis & Colitis, Inc., New York, N.Y.

643

FREEZE-DRIED VEINS AS VIABLE VASCULAR REPLACEMENTS: A BIOCHEMICAL AND ULTRASTRUCTURAL STUDY

Diane Brickley-Parsons, PhD, Washington, D.C.

644

THE HINSWORTH TEST FOR SUBCLINICAL MALNUTRITION

Augustin Jones, St. Louis, Mo.

645

GEORGIA REGIONAL MEDICAL TELEVISION NETWORK OF EMORY UNIVERSITY SCHOOL OF MEDICINE

Mr. Alan Kaminsky, Emory University School of Medicine, Atlanta, Ga.

646

THE RADIOLOGY OF BREAST CANCER

Robert McLelland, Duke University Medical Center, Durham, N.C.

650

COMPARISON OF OLDER AND NEW PARENTERAL CEPHALOSPORINS

E. L. Quinn, K. H. Burch, R. DelBusto, E. Fisher, and T. Madhavan, Henry Ford Hospital, Detroit, Mich.

651

COMPREHENSIVE MANAGEMENT OF EPILEPSY

Samuel Livingston, Lydia L. Pauli, Herbert L. Livingston, and Irving Puce, Baltimore, Md.

652

MICROSURGICAL VASOVASOSTOMY COMPARED TO STANDARD TECHNIQUES

Arnold M. Belker, Robert D. Acland, Thomas L. Roberts, and Mark S. Sexter, Louisville, Ky.

653

TOTAL MANAGEMENT OF THE DIABETIC FOOT

John N. Classen, Roger H. Michael, Joseph R. Matire, and Stephanie Finkelstein, RN, Baltimore, Md.

654

PREVENTION OF INTRAVASCULAR INFECTION

Peter Dineen, New York, N.Y.

655

"NEW APPROACH TO MYELODYSPLASIA"

Ananias C. Diokno, Evan Kass, Jack Lapidus, and Bette Lowe, RN, ET, Ann Arbor, Mich.

656

EXAMINATION OF THE TRAUMA VICTIM

Selwyn T. Hartley, American College of Emergency Physicians, Georgia Chapter, Riverside, Ga.

657

THE USE OF VIDEOTAPES TO TEACH COLPOSCOPY

Kenneth D. Hatch, University Hospital, Birmingham, Ala.

658

INDUCTION OF LABOR WITH ORAL PROSTAGLANDIN E₂ (PGE₂)

George H. Nelson and Stephen D. Hammond, Medical College of Georgia, Augusta, Ga.

700

NATIONAL CANCER INSTITUTE

J. Paul Van Nevel, National Cancer Institute, Bethesda, Md.

701

**TREATMENT OF CHRONIC CHILDHOOD ASTHMA WITH
BECLOMETHASONE DIAPROPIONATE AEROSOL**

Sheldon C. Siegel, Gary S. Rachelefsky, Roger M. Katz, Los Angeles, Calif.

702

**OFFICE GYNECOLOGIC PROCEDURES UNDER INTRAVENOUS
DIAZEPAM**

Joseph W. Scott, South Miami, Fla.

703

**THE SCOTTISH RITE HOSPITAL ORTHOSIS FOR LEGG
PERTHES DISEASE**

John M. Purvis, Decatur, Ga., Wood W. Lovell, Scottish Rite Hospital, Atlanta, Ga., and William C. Hopper, Bethesda, Md.

704

AMERICAN MEDICAL WRITERS ASSOCIATION

Robert F. Orsetti, Summit, N.J.

705

FEMORAL SHAFT FRACTURES IN CHILDREN

Maynard L. Stetten, Louisville, Ky. and Steven P. Roberts, Norton-Children's Hospital, Louisville, Ky.

706

DIAGNOSTIC PROBLEMS OF THE WRIST

Robert J. Neviasser, American Society for Surgery of the Hand, Aurora, Colo.

707

NUTRITIONAL STATUS OF HOSPITALIZED PATIENTS

Antonio Gordon, Jr., Miami, Fla.

709

DARKROOM EYE PHOTOGRAPHY

Thomas J. Schermerhorn, Atlanta, Ga.

710

**HORMONE REPLACEMENT FOR OVARIAN DEFICIENCY
SYNDROMES**

Herbert S. Kupperman and Hugh D. Melnick, New York, N.Y.

711

**SEROLOGICAL TEST IN THE RECOGNITION OF INVASIVE
AMEBIASIS**

Marcel Patterson and Marc Shabot, University of Texas Medical Branch, Galveston, Tex.

712

ROOSEVELT-WARM SPRINGS REHABILITATION CENTER

Robert J. Pursley, PhD, Warm Springs, Ga.

713

**GUEPAR TOTAL KNEE REPLACEMENT PROSTHESIS:
INDICATIONS, OPERATIVE TECHNIQUES AND POST
OPERATIVE MANAGEMENT**

George D. Rovere, Anthony G. Gristina, Joseph F. Nicastro, and Gary G. Poehling, Bowman Gray School of Medicine, Winston-Salem, N.C.

714

SEXUALLY TRANSMITTED DISEASES—A GROWING PROBLEM

Ronald K. St. John, Center for Disease Control, Atlanta, Ga.

714

ADENOMA—CANCER SEQUENCE IN THE COLON—20 YEAR STUDY

Jacob J. Weinstein, Washington, D.C.

716

PROSTATIC MORPHOLOGY IN HEALTH AND DISEASE

David F. Paulson, and R. deV. White, Duke University Medical Center, Durham, N.C.

717

THE VALUE OF A HAND THERAPY UNIT IN REHABILITATING THE DISABLED HAND

L. Lee Lankford, Peter R. Carter, and Georgiann F. Magnenat, OTR, Dallas, Tex.

718

ORAL CONTRACEPTIVES: A NEW PERSPECTIVE

Harry W. Rudel, Col. Polanco, Mexico

719

PSYCHOLOGICAL STRESS AS A FACTOR IN THE ASSESSMENT OF RISK IN PREGNANCY

John L. Digges, Norman L. Haug, and Arthur R. Zeiner, Oklahoma City, Okla.

720

INDIVIDUALIZED AMINOGLYCOSIDE THERAPY—A RATIONAL METHOD FOR GENTAMICIN DOSING

Darwin Zaske and Richard Strate, St. Paul-Ramsey Hospital, St. Paul, Minn.

721

AMERICAN ASSOCIATION OF MEDICAL ASSISTANTS, INCORPORATED

Ms. Dianne Frederick, CMA-A, and Sandy Whitman, CMA-A, Atlanta, Ga.

722

BACTERIOLOGIC STUDIES IN LEG ULCERS: EFFECT OF DEXTRANOMER

Fuad J. Dagher, Sheila V. Alongi, RN, NP, and Andrew G. Smith, PhD, University of Maryland Hospital, Baltimore, Md.

800

SOCIAL SECURITY DISABILITY PROGRAM

Roger L. Gardner, Fincher Powell, Disability Adjudication Section, Decatur, Ga.

801

CONTINUING MEDICAL EDUCATION - KENTUCKY STYLE

Mr. E. Scott Donovan, Frank Lemon, University of Kentucky, Lexington, Ky.

802

PHARMACODYNAMICS, SAFETY AND EFFICACY OF CHOLINE MAGNESIUM TRISALICYLATE FOR THE ARTHRITIDES

Albert Cohen, Miami, Fla. and Harold Garber, Parkway General Hospital, North Miami Beach, Fla.

803

**DISABLED DOCTORS PROGRAM - MEDICAL ASSOCIATION
OF GEORGIA**

Margaret C. Clements, Disabled Doctors Program, Smyrna, Ga.

804

THE COLLABORATIVE TEACHING OF HUMAN SEXUALITY

Jackson A. Smith and Domeena C. Renshaw, Maywood, Ill.

**SCIENTIFIC GROUPS MEETING
CONJOINTLY
WITH SOUTHERN MEDICAL
ASSOCIATION**

**AMERICAN COLLEGE OF
CHEST PHYSICIANS
SOUTHERN CHAPTER**

in cooperation with the
Southern Medical Association

November 11 and 12
Atlanta, Ga.

The program for the SMA/MAG Section on Chest Diseases was developed in conjunction with the American College of Chest Physicians, Southern Chapter. For complete program, see page 51.

* * * * *

**SOCIETY FOR
INVESTIGATIVE DERMATOLOGY**

6TH ANNUAL MEETING
in conjunction with the
Southern Medical Association

November 12, 1978
Georgia World Congress Center
Room 310

**SESSION
#99**

The Society for Investigative Dermatology will hold its Southern Regional Meeting, Sunday, November 12, 1978, from 1:00-5:30 p.m., Georgia World Congress Center, Room 310. Andre J. Nahmias will be the guest speaker.

* * * * *

**SOUTHERN GYNECOLOGICAL
AND OBSTETRICAL SOCIETY**

in conjunction with the
Southern Medical Association

November 12
Atlanta, Ga.

OFFICERS

President

ROBERT M. RUCH,
Memphis, Tenn.

President-Elect

HARVEY C. MAY,
Charlotte, N.C.

Secretary-Treasurer-Elect

SAM POLK PATTERSON,
Memphis, Tenn.

Sunday, November 12, 9:00 a.m.

Georgia World Congress Center
Room 307

**SESSION
#100**

9:00 a.m.

HYPERTHYROIDISM AND PREGNANCY

BRUCE AMES
Washington, D. C.

TRACE METALS IN PREGNANCY

PRESTON V. DILTS, JR.
Memphis, Tenn.

DRUGS IN PREGNANCY

FRANK C. GREISS, JR.
Winston-Salem, N.C.

MENSTRUAL IRREGULARITIES IN LONG DISTANCE RUNNERS

DETLEF GERLACH
Atlanta, Ga.

VERRUCOUS CARCINOMA OF FEMALE GENITAL TRACT

JOHN L. POWELL and ERNEST W. FRANKLIN
Atlanta, Ga.

TEENAGE PREGNANCY IN AN AGRI-BUSINESS COMMUNITY

RICHARD B. COLDITZ
Carrollton, Ga.

* * * * *

**THE RADIOLOGICAL SOCIETY
OF NORTH AMERICA**

**17th ANNUAL
RADIOLOGY REFRESHER COURSES:**

in conjunction with the
Southern Medical Association

November 13 and 14
Atlanta, Ga.

Attendance is limited to radiologists, including graduate students and residents in radiology, and medical students certified by the deans of their respective medical schools.

LUTHER W. BRADY, JR., Chairman
Refresher Course Committee

Monday, November 13, 9:00 a.m.

Georgia World Congress Center
Room 307

**A Joint Meeting of the Section on
Radiology
and the
Radiological Society of North America**

MICHAEL A. SULLIVAN, Secretary,
New Orleans, La., presiding

9:00 a.m.—Refresher Course No. 1

**BILIARY TRACT I: ORAL AND INTRAVENOUS EVALUATION OF
THE LIVER, GALLBLADDER AND BILE DUCTS**

ROBERT N. BERK
San Diego, Calif.
See Program on page 142.

Monday, November 13, 2:00 p.m.

Georgia World Congress Center
Room 307

**A Joint Meeting of the Section on
Radiology
and the
Radiological Society of North America**

2:00 p.m.—Refresher Course No. 2

BILIARY TRACT RADIOLOGY II: DIRECT CHOLANGIOGRAPHY

ROBERT N. BERK
San Diego, Calif.
See Program on page 143.

1978 TECHNICAL EXHIBITORS

The Technical Exhibits, located in the Georgia World Congress Center, will be open from 9:00 a.m. to 5:00 p.m. Saturday through Monday, November 11-13.

ABBOTT LABORATORIES

N. Chicago, Ill.

213

You are cordially invited to visit the Abbott exhibit which will feature Enduron® (methylclothizide tablets), Tranxene® (clorazepate dipotassium) and E.E.S.™ (erythromycin ethylsuccinate, U.S.P.).

ACNE HEALTH CARE CENTERS INTERNATIONAL

Costa Mesa, Calif.

122

AHC Pharmacal, Inc. will introduce a complete line of acne preparations including anti-bacterial cleansers, benzoyl peroxide regular and high potency gel medications, moisturizers, sunscreens and non-comedogenic cosmetics (medicated and non-medicated). These products have been specially formulated for the needs of the acne patient.

THE AMERICANA CORP. (GROLIER INTERSTATE)

Dallas, Tex.

529

Please examine the new Book of Knowledge, The School-Reading Programs, and The Book of Art.

AMES COMPANY, DIVISION MILES LABORATORIES, INC.

Elkhart, Ind.

126, 128

Pacer™ System (Programmable Analyzer for Chemistries, Endpoint or Rate); RIALYZE™ HEPATITIS Test: tests for TSH(RIA); urobilinogen test for CLINILAB® automated urinalysis instrument. Also, N-MULTISTIX®, other rapid chemical/microbiological tests; immunologic/thyroid tests and instruments; carbohydrate metabolism test systems; convenient method for quantitation of HDL/LDL/VLDL cholesterol.

ARMOUR PHARMACEUTICAL CO.

Phoenix, Ariz.

120

Armour Pharmaceutical Co. welcomes you to booth 120 where we are featuring CALCIMAR® (Calcitonin-Salmon), LETTER® (Sodium Levothyroxine Tabs., U.S.P.) and NICOBID® (Niacin, Armour). Current literature is available upon request.

AUTOMATED COMPUTER SYSTEMS

Greensboro, N.C.

110

Automated Computer Systems presents the 'MediScan™' booth - a new concept in data processing for the medical profession. Featured in their booth is the 'TranScanner™' which reads routing slips in approximately one second and updates patients records, including insurance, in less than ten seconds. It's worth seeing.

AYERST LABORATORIES

New York, N.Y.

209

Our Representatives look forward to a visit with you, and for the opportunity to discuss the Ayerst products and services of interest to you.

BOEHRINGER INGELHEIM LTD.

Ridgefield, Conn.

445

At the 1978 SMA-MAG Scientific Assembly, Boehringer Ingelheim Ltd. will feature: Catapres (clonidine hydrochloride), Combipres (clonidine hydrochloride 0.1 mg or 0.2 mg + chlorthalidone 15 mg), and Alupent (metaproterenol sulfate) in its many dosage forms. Representatives will be on hand to answer questions about these or any of our other ethical pharmaceuticals.

BRISTOL LABORATORIES

Syracuse, N.Y.

530, 532, 534

You are cordially invited to visit Bristol Laboratories' exhibit. Our representatives at the booth welcome the opportunity to answer your questions concerning the Bristol line of products featuring: Amikin™ (amikacin sulfate); Bristoject® (Bristol Emergency Medication System); Cefadyl® (sterile cephapirin sodium); Kantrex® Injection (kanamycin sulfate injection); Naldecon® (antihistamine decongestant); Polycillin® (ampicillin); Polymox® (amoxicillin); Prostaphlin® (oxacillin sodium); Salutensin® (hydroflumethiazide, 50 mg/reserpine, 0.125 mg); Tegopen® (cloxacillin sodium); and Tetrex® (tetracycline phosphate complex).

- BURROUGHS WELLCOME CO.**
 Research Triangle Park, N.C. 444
 Representatives of Burroughs Wellcome Co. cordially invite you to visit Booth No. 444 for the latest information on our products. Our exhibit will feature Septra® Suspension and Empirin® Compound with Codeine. We will be pleased to answer your inquiries on these and other Burroughs Wellcome products.
- BURTON, PARSONS & COMPANY, INC.**
 Washington, D.C. 236
 BURTON, PARSONS will feature "THE NATURALS": Konsyl and L.A. Formula, the all-natural, highly palatable, hydrophilic mucilloid products which act to normalize bowel function. We will also display a complete line of contact lens care systems for both hard and soft contact lenses. Samples and product information will be available.
- CAL-MED ELECTRONICS CO.**
 Los Angeles, Calif. 141
 New Sony Betamax Color video equipment—World's Smallest Standard Cassette Audio Recorder for dictation—Notebook and Lecture recording. Video Color Cameras.
- CIBA PHARMACEUTICAL COMPANY**
 Summit, N.J. 543
 CIBA Professional Sales Representatives will be present to discuss products related to hypertension and potassium supplementation.
- COMATIC LABORATORIES, INC.**
 Houston, Tex. 114
 THE NATURALS, a product line of highly used everyday pharmaceuticals all made without artificial colors, flavors, sweeteners or preservatives. THE NATURALS represent a new approach. THE INTELLIGENT ALTERNATIVES. MATROPINAL AND MATROPINAL FORTE INSERTS, the suppository with higher blood levels than on intramuscular injections. MATROPINAL delivers rapid control of both nausea and vomiting with minimal patient side effects.
- CONCEPT, INC.**
 Clearwater, Fla. 238
 Concept, Inc., manufacturer of high quality instruments uniquely designed to simplify delicate surgical procedures, will feature: refined options in surgical cauteries to meet your specific need; a full range of instruments to enhance your electrosurgery techniques; lights for intense, concentrated illumination for hard-to-see areas.
- CONFERENCE BOOK SERVICE INC.**
 Alexandria, Va. 623
 A browsing collection of current books and journals for your professional audience.
- COOPER LABORATORIES, INC.**
 Parsippany, N. J. 132, 232
 The Dermatology Division of Cooper Laboratories cordially invites you to visit our booth #132. Featured at our booth will be our line of specifically formulated dermatological products. Information on Aveeno Bar, Acnaveen Bar, Emulave Bar, Aveeno Colloidal Oatmeal Bath, Aveeno Oilated Bath and Aveeno Lotion will be available from our personnel. Cooper Laboratories introduces new liquid-filled THERAPAV (papaverine HCl) capsules. Therapav is a new oral vasodilator with proven efficacy in peripheral and cerebral vascular disease. Also featured will be ELIXOPHYLLIN® (theophylline) SR Capsules 250 mg and 125 mg . . . Sustained-Release single-entity theophylline in dye-free capsules designed to provide asthmatics with "12-hour breathing power." Please visit our booth #232 to obtain full prescribing information.
- COULTER ELECTRONICS, INC.**
 Hialeah, Fla. 105
 Coulter Electronics, Inc. will provide continuous demonstrations of its hematology and clinical chemistry systems for the physician's office.
- CRYOMEDICS/DYONICS**
 Bridgeport, Conn. 332
 A complete display of CRYOMEDICS cryosurgical instruments, colposcopes, microsurgery scopes and DYONICS endoscopes will be provided. Our equipment will be of particular interest to the gynecologist, ophthalmologist, otolaryngologist, dermatologist, or-

thopedic surgeon, general practitioner, family practitioner and colon and rectal surgeon. Stop by and see how CRYOMEDICS/DYONICS can assist you in your practice.

DATA SERVICE AGENCY, INC.

St. Louis, Mo.

147

One of the largest medical-oriented billing systems in the country, designed to fill your needs—not the computer's. Daily invoices; patient recall; daily reports; monthly follow-up statements and monthly alphabetical aged trial balance with a complete analysis of all open accounts. Via telephone—Mavis—our talking computer, gives you up to date balance on patient's account—eliminates the need to post internal ledger cards.

DISTA PRODUCTS COMPANY

Indianapolis, Ind.

431

You are cordially invited to visit the Dista Products Company exhibit. Our sales representatives in attendance will welcome your questions about our pharmaceutical products.

DOME LABORATORIES

West Haven, Conn.

329

You are cordially invited to visit the Dome Laboratories exhibit. Our representatives welcome the opportunity to answer your questions concerning the Dome line of products featuring: TRIDESILON® (Desonide) 0.05% Creme which is a non-fluorinated potent topical steroid, SUNGARD®, the sunscreen with wide spectrum protection, CANDEX®, the only nystatin lotion available in the United States, and ALLPYRAL®, the alumprecipitated allergen treatment line.

DORSEY LABORATORIES (TURNER RESEARCH ASSOCIATES)

Lincoln, Neb.

244

Turner Research Associates—seeks your opinion on a variety of new medical concepts. Our staff welcomes the opportunities to discuss these new developments with you. Physicians visiting our booth will receive a free gift as a token of our appreciation.

ENCYCLOPAEDIA BRITANNICA

Chicago, Ill.

331

As a part of the Encyclopaedia Britannica exhibit, we will have on display the 30-Volume Encyclopaedia Britannica 3, Great Books of the Western World and other related publications. These books are available to the members and guests at the exhibit offer. Stop and visit us at Booth 331.

C. B. FLEET CO., INC.

Lynchburg, Va.

429

C. B. Fleet Company will feature Fleet Enema, Fleet Children's Enema, Fleet Mineral Oil Enema, Fleet Bisacodyl Enema, plus a complete line of barium enema x-ray prep kits.

GEIGY PHARMACEUTICALS

Ardsey, N. Y.

119

Geigy Pharmaceuticals will feature LOPRESSOR™, metoprolol tartrate. Geigy Representatives will be available to answer and supply scientific information.

GERBER PRODUCTS COMPANY

Fremont, Mich.

117

Visit the Gerber booth which features Gerber Baby Foods, Meat Base Formula, Humidifiers/Vaporizers, Nursers/Infant Care Products. Gerber supplies patient booklets, product information and office aids free of charge in reasonable quantities to SAVE YOU TIME. Our Medical Service Representatives will be happy to discuss your questions.

HEALTHCO/MS. SURGICAL

Jackson, Miss.

97

HEDECO

Palo Alto, Calif.

519

You are cordially invited to visit Hedeco's exhibit. Our representatives at the booth welcome the opportunity to answer your questions concerning our new silicone tube feeding suction tube, gastro-test-screening for gastric activity and for esophageal and stomach bleeding. Enter-Test diagnostic duodenal parasites.

HOECHST-ROUSSEL PHARMACEUTICALS

Somerville, N. J.

442, 324

The representative from Hoechst-Roussel Pharmaceuticals Inc. will be discussing two new dosage forms of Lasix® (furosemide) that are especially useful in the hospital. They will also be discussing their new topical steroid, Topicort (desoximetasone), 0.25% Emollient Cream.

HOKYTIME, INC.

Decatur, Ga.

131

HOKY—A non-electric floor and carpet sweeper. It picks up almost everything—sand, pet hair, pins, paper clips, broken glass, even nails. HOKY is lightweight and easy to handle. HOKY's low profile makes cleaning those hard-to-get places quick and easy. Great for home or office!

HOSPITAL CORPORATION OF AMERICA

Nashville, Tenn.

123

The Professional Relations Office of Hospital Corporation of America acts as a liaison between physicians seeking new practice opportunities in communities served by HCA hospitals in need of additional physicians, representing over 100 communities in more than 20 states.

HUMANA, INC.

Louisville, Ky.

330

Humana is recognized as the largest and most accommodating hospital company in the U. S. We own and operate general acute care hospitals from coast to coast. We work with our medical staffs in contacting physicians interested in private practice in our hospital communities. Come by and explore our practice opportunities.

IMPRA, INC.

Phoenix, Ariz.

541

IMPRA, INC. will be displaying a full range of sizes of small diameter vascular grafts of microporous PTFE. This unique material has been utilized in over 15,000 clinical applications for arterial reconstructions, hemodialysis access and pulmonary shunts since its introduction to clinical use in 1975.

INGRAM PHARMACEUTICAL COMPANY

San Francisco, Calif.

115

INTERNATIONAL MEDICAL ELECTRONICS, LTD.

Kansas City, Mo.

517

INTERNATIONAL MEDICAL ELECTRONICS, LTD. manufacturers of sophisticated medical equipment, featuring MAGNATHERM short-wave diathermy with two detachable heads. Offering the ability to treat two separate areas or one from two directions at the same time. Please stop by Booth #517 for a demonstration.

IVES LABORATORIES INC.

New York, N. Y.

631

IVES LABORATORIES INC., New York, will display the family of ISORDIL® (isosorbide dinitrate) products, providing a dosage form suitable to the needs of each patient with angina pectoris (the pain of coronary artery disease). We will also feature CYCLOSPASMOL® (cycloandelate), a peripheral and cerebral vasodilator, as well as SYNALGOS®-DC, the analgesic sedative that helps relieve apprehension as well as pain.

JOBST INSTITUTE, INC.

Toledo, Ohio

237

We will discuss the Rx only custom-made JOBST VENOUS PRESSURE GRADIENT Supports for venous insufficiencies; JOBST EXTREMITY PUMP for severe or obstinate edema; Seamed ANTI-EM and Seamless ANTI-EM/GP Stockings for minimization of risk of thromboembolism in hospitalized patients; ANTI-EM Extremity PUMPS; and the Fashion Support Hosiery line for "Tired Legs."

JOHNSON & JOHNSON DERMATOLOGICAL DIVISION

New Brunswick, N. J.

245

The Dermatological Division of Johnson & Johnson invites you to visit us. We would welcome the opportunity to discuss our growing line of products developed for your specialty.

KINETIC CONCEPTS, SOUTHEAST, INC.

Gainesville, Fla.

93

ROTO REST KINETIC TREATMENT TABLES TREAT THE CAUSE NOT THE SYMPTOM. Slow, continuous, secure side to side rotations, 300 times each day, offer passive movement to combat all the complications caused by immobility: decubitus ulcers, hypostatic pneumonia, thrombosis or embolization, etc. Models for intensive and extended or pulmonary care.

J. HUGH KNIGHT INSTRUMENT COMPANY

New Orleans, La.

230

We will exhibit a complete line of quality surgical and diagnostic instruments plus many new specialty instruments of interest to the medical profession.

KREMERS-URBAN COMPANY

Milwaukee, Wisc.

239

NITROL-Nitroglycerin Ointment 2%. **KU-ZYME & KUTRASE**-enzymatic digestant with and without calmative antispasmodic. **LEV-SIN** (1-Hyoscyamine), anticholinergic, antispasmodic. **PRE-PEN**—skin test for penicillin hypersensitivity. **CALCIFEROL**-Vitamin D₂ therapy.

LEDERLE LABORATORIES

Pearl River, N. Y.

242

Lederle welcomes members and guests of the Southern Medical Association to visit Booth Number 242 where qualified representatives will be prepared to provide information on our semisynthetic derivative of tetracycline **MINOCIN**[®] minocycline HCl and our complete line of the Steroid **ARISTOCORT**[®] triamcinolone including **ARISTOCORT**[®] A with **AQUATAIN**[™].

ELI LILLY AND COMPANY

Indianapolis, Ind.

219, 221

The Eli Lilly and Company exhibit, entitled "Critical Decisions in Infectious Disease" will offer physicians a continuing program of innovative educational material. Two new case histories, developed in consultation with infectious disease clinicians, are presented. The use of video provides an interesting approach to self-evaluation.

LILLY RESEARCH LABORATORIES

Indianapolis, Ind.

633

The **LILLY EDUCATION RESOURCES PROGRAM** exhibit describes the variety of audio-visual materials, learning programs, publications, and services available to the medical and allied health professions through Eli Lilly and Company. Films and graphics are utilized to illustrate the range of subject and the quality of presentation.

MADA MEDICAL PRODUCTS, INC.

Garfield, N. J.

140

Mada will feature a Medicare approved Ambulatory Oxygen Unit for C.O.P.D. patients; additionally a complete portable C.P.R. Kit will be shown.

MARION LABORATORIES, INC.

Kansas City, Mo.

137

Our highly trained Marion representatives are anxious to welcome you to our booth to discuss our latest patient-benefit products and answer your questions. Featured will be **SILVADENE**[®] (silver sulfadiazine, micronized) Cream, **NITRO-BID**[®] (nitroglycerin 2%) Ointment, **DITROPAN**[®] (oxybutynin chloride), **GAVISCON**[®], and **OS-CAL**[®]. Everyone at Marion join in wishing you continued growth and success and your most successful convention ever.

McNEIL CONSUMER PRODUCTS CO.

Ft. Washington, Pa.

225, 227

McNeil Consumer Products Company will feature the Adult **TYLENOL**[®] acetaminophen products including regular strength **TYLENOL** tablets, Extra-Strength **TYLENOL** capsules and the new Extra-Strength **TYLENOL** Adult Liquid Pain Reliever, plus the pediatric products including Children's **TYLENOL** elixir, **TYLENOL** chewable tablets and Infant's **TYLENOL** drops. The **CoTylenol**[®] cold formula products will also be featured.

McNEIL LABORATORIES

424, 426

Ft. Washington, Pa.

McNeil Laboratories will feature information on TOLECTIN® (tolmetin sodium) tablets, HALDOL® (haloperidol) tablets, concentrate, injection, PARAFON FORTE® (chlorzoxazone and acetaminophen) tablets, TYLENOL® (acetaminophen) with Codeine tablets and elixir. Representatives will be on hand to discuss these products in detail.

MEAD JOHNSON NUTRITIONAL DIVISION

423, 425, 427

Evansville, Ind.

We cordially invite you to visit the Mead Johnson Nutritional Division exhibit and meet our local representatives who will welcome the opportunity to discuss products and services of interest to you. Featured will be Enfamil®, ProSobee®, Sustacal®, Isocal®, and other adult nutritional products.

MEAD JOHNSON PHARMACEUTICAL DIVISION

248, 250, 252

Evansville, Ind.

We cordially invite you to visit the Mead Johnson exhibit and meet our local representatives who will welcome the opportunity to discuss products and services of interest to you. Products featured will be: Ovcon®, Vasodilan®, and Deapril®-ST.

MEDFACT, INC.

139

Massillon, Ohio

MEDFACT is an inexpensive, efficient, and troublefree system for audiovisual patient education. It was developed by physicians and health educators for use in private offices, hospital clinics, or any other situation where patient instruction is to be provided.

MEDICAL BILLINGS, INC.

629

Birmingham, Ala.

Our product is computer billing services. This includes patient statements, insurance claim forms, and monthly reports. Our services are sold to physicians only. Our purpose at this convention is to attract physicians who are in need of our services.

MEILLER COMPANY

531

College Station, Tex.

The Meiller Company is pleased to show for the first time the new second generation TORQHEEL - the TORQ 20. This vastly improved correction method for tibial torsion (either toe-in or toe-out) provides longer wear, more stability and correction with each step. Used by doctors world-wide, TORQHEEL has proved to be "A step in the Right Direction," since 1966.

MERCK SHARP & DOHME

107, 109, 418, 420

West Point, Pa.

Merck Sharp & Dohme cordially invites you to visit their exhibits featuring several products from their extensive line of pharmaceuticals. Representatives in attendance will be pleased to answer any questions you may have. Inquiries about our professional, informational, and educational services are welcomed.

MERRELL-NATIONAL LABORATORIES

326

Cincinnati, Ohio

Merrell invites you to stop by booth 326 for the latest information about AVC™, Benty® (dicyclomine hydrochloride USP), Cephulac® (lactulose Syrup), Norpramin® (desipramine hydrochloride NF), Tenuate® (diethylpropion hydrochloride NF), and other fine products for use in your practice.

MEYER LABORATORIES INC.

545

Ft. Lauderdale, Fla.

Products to be displayed will include ETHATAB (Ethaverine Hydrochloride). Indicated in the treatment of cerebral and peripheral vascular insufficiency due to vasospasm. Also, VICON C VITAMIN C, B-complex, magnesium and zinc to meet the increased metabolic demands of stress.

MIDMARK MEDICAL

138

Minster, Ohio

MidMark Medical will introduce their new family practice 102 examination table. The 102 is luxury you never thought you'd find in a manual table. From its soft-touch top to its chrome base, the 102 is clearly the elegant leader of its field.

- NATIONAL MEDICAL ENTERPRISES, INC.**
Los Angeles, Calif. 145
National Medical Enterprises, a hospital management corporation, offers physician relocation opportunities in 4 western states, California, Arizona, Texas, and Washington. If you are interested in exploring these opportunities, please stop by our booth for discussion.
- NORWICH-EATON PHARMACEUTICALS**
Norwich, N. Y. 347, 349, 351
Your Eaton Representatives wish you a successful 1978 meeting. Complete information on Eaton products and professional services is available at the Eaton exhibit.
- ORTHO PHARMACEUTICAL CORPORATION**
Raritan, N. J. 215
Ortho Pharmaceutical Corporation is pleased to present a complete line of medically accepted products for the control of conception and the treatment of vaginitis. In addition, Ortho also is pleased to present products for the treatment of common parasitic conditions and for the control of diarrhea.
- PARLIAMENT LEASING CORPORATION**
Morristown, N. J. 121
Individual consultation with regard to equipment acquisition through leasing.
- PFIZER LABORATORIES**
New York, N. Y. 207
You are invited to visit the Pfizer Laboratories booth where our Professional Service Representatives will be pleased to discuss the latest topics of clinical interest.
- PHARMACIA LABORATORIES**
Piscataway, N. J. 523
Pharmacia will exhibit DEBRISAN®, a unique new agent for quick cleansing of infected and purulent wounds; RHEOMACRODEX® (dextran 40) recommended for blood flow improvement and plasma volume expansion; AZULFIDINE® and RECTOID®, a convenient, economical, disposable hydrocortisone retention enema, both indicated as adjunctive therapy in the treatment of ulcerative colitis; and SILON® SPRAY, and aerosol zinc oxide and silicone preparation, which helps to prevent skin problems such as decubitus ulcers/bedsores and the results of incontinence.
- WM. P. POYTHRESS & CO., INC.**
Richmond, Va. 625
WM. P. POYTHRESS & CO., INC., manufacturers of ethical pharmaceuticals for one-hundred twenty-two years, cordially invites you to visit our exhibit where our representatives, Mr. Benjamin B. Kelly and Mr. Alan A. Schaller, will be glad to discuss any Poythress product.
- PURDUE FREDERICK COMPANY, THE**
Norwalk, Conn. 346
- REED & CARRICK**
Kenilworth, N. J. 343
Reed & Carrick, serving the medical profession for over 100 years, produces a line of well-established specialty items which are leaders in the fields of gastroenterology, gynecology, proctology, and dermatology. Some of our products on display will be Kwell, Phazyme-95 and Proctofoam-HC.
- A. H. ROBINS COMPANY**
Richmond, Va. 417, 419
You are cordially invited to visit the A. H. Robins exhibit and meet our representatives who will welcome the opportunity to discuss products of interest with you.
- ROCHE LABORATORIES**
Nutley, N. J. 218, 220, 224, 226, 317, 319, 323, 325
- ROERIG**
New York, N. Y. 113
You are invited to visit the Roerig booth where our Medical Service Representatives will be pleased to discuss the latest topics of clinical interest.

- WILLIAM H. RORER, INC.**
 Ft. Washington, Pa. 144
 William H. Rorer, Inc. takes pride in exhibiting its fine pharmaceutical products at this convention. Our representatives will gladly discuss Maalox Plus, Maalox, Ascriptin, Ascriptin A/D and our other products with you.
- ROSS LABORATORIES**
 Columbus, Ohio 341
 Ross Laboratories cordially invites you to visit our booth #341 and taste test Ensure® Liquid Nutrition. Stop by and discuss Similac®/ Similac® with Iron infant formula and our cough/cold line. As usual, our representatives will be happy to discuss all Ross service items with you.
- SANDOZ PHARMACEUTICALS**
 E. Hanover, N. J. 328
 Sandoz Pharmaceuticals invites you to stop by our exhibit where our representatives will be pleased to provide information on our products or on educational materials that we have available.
- W. B. SAUNDERS COMPANY**
 Philadelphia, Pa. 446
 Saunders will have on display, an up-to-date selection of their medical books, with offerings in all the major specialties. Do stop at our exhibit; all of our books are worthy of your careful consideration.
- SCHERING LABORATORIES**
 Kenilworth, N. J. 335, 336, 337, 338, 340, 435, 436, 437, 439
 Schering Laboratories, makers of ETRAFON, cordially invites registrants to visit our special Island Exhibit, featuring the video-tape presentation, "The Language of the Eyes—Gaze and Mutual Gaze." Our other exhibits will feature VANCERIL, DRIXORAL SUSTAINED ACTION TABLETS, OPTIMINE TABLETS, and our long line of fine tested OTC products including TINACTIN, and CHLOR-TRIMETON.
- SMITH KLINE & FRENCH LABORATORIES**
 Philadelphia, Pa. 103
 Gastrointestinal Self-Assessment Program
- SMITH KLINE & FRENCH LABORATORIES**
 Philadelphia, Pa. 104
 Medical Communications Research
- SMITH KLINE & FRENCH LABORATORIES**
 Philadelphia, Pa. 320
- E. R. SQUIBB & SONS, INC.**
 Princeton, N. J. 430, 432
- SYBRON/Ritter**
 Rochester, N. Y. 134
- SYNTEX LABORATORIES INC.**
 Palo Alto, Calif. 522, 524, 526
 Our Professional Services Representatives are eager to contribute to the success of your meeting. They are here to discuss products of Syntex research and professional services, designed to assist you in the practice of your profession. Your inquiries and comments are welcome.
- TELE-COM OFFICE PRODUCTS, INC.**
 Pasadena, Calif. 438
 Tele-Com Office Products, Inc. specializes in telecommunications and office products for the professional. We provide to the busy physician: telephone answering units, photocopiers, FM wireless intercoms, dictation and transcription equipment, call diverters, wireless security systems, cordless phones, and many more products with the physician in mind.
- TUTAG PHARMACEUTICALS**
 Broomfield, Colo. 443
- U. S. AIR FORCE**
 Dallas, Tex. 203
 We will illustrate the various facets of Air Force opportunities such as Medical, Educational and many others. Through this exhibit, we attempt to inform individuals of career opportunities available to them in the Medical Service.

U. S. ARMY MEDICAL DEPARTMENT

Washington, D. C. 133, 135
Career opportunities in the Army Medical Department.

UPJOHN COMPANY, THE

Kalamazoo, Mich. 146
Professional representatives of The Upjohn Company are eager to contribute to the success of your meeting. They are here to discuss products of Upjohn Research designed to assist you in the practice of your profession. They welcome your inquiries and comments.

WARNER/CHILCOTT

Morris Plains, N. J. 231, 233

WARREN-TEED LABORATORIES, INC.

Columbus, Ohio 621
Warren-Teed Laboratories, Inc., Columbus, Ohio, is a Division of Adria Laboratories, Inc. and has been a manufacturer of high quality ethical drugs since 1920. We will be exhibiting Magan, Kaon-Cl, Modane and Myoflex.

WESLEY PHARMACAL CO., INC.

Philadelphia, Pa. 108
Visit our booth this year and see and taste the New SOY BASE PROTEIN SOUPS. These are new additions to the well known, PDR-listed PDP Protein. In addition, we are featuring several other products which are now being introduced on a national basis.

WILLINGWAY HOSPITAL

Statesboro, Ga. 344
Brochures and other literature will be available describing Willingway's facilities and programs. Information concerning alcoholism, addiction and interrelationships will be distributed by the personnel attending the booth.

WORLD SERVICE LIFE INSURANCE COMPANY

Fort Worth, Tex. 535, 537, 540, 542, 639, 641
SOUTHERN MEDICAL ASSOCIATION INSURANCE PROGRAM

WYETH LABORATORIES

Philadelphia, Pa. 318
ATIVAN®-C-IV (lorazepam) Wyeth—Tablets of 1 mg and 2 mg LO/OVRAL®—each tablet contains 0.3 mg norgestrel with 0.03 mg ethinyl estradiol, Wyeth, LO/OVRAL®-28-21 white tablets each containing 0.3 mg norgestrel with 0.03 mg ethinyl estradiol and 7 pink inert tablets, Wyeth. SMA® (infant formula) Wyeth. A physiological formula—nourishes like mother's milk. OVRAL®—each tablet contains 0.5 mg norgestrel with 0.05 mg ethinyl estradiol, Wyeth. OVRAL®-28-21 white tablets each containing 0.5 mg norgestrel with 0.05 mg ethinyl estradiol and 7 pink inert tablets, Wyeth. TUBEX® Closed Injection System, Wyeth—the largest line of prefilled small-volume injectables available, offering precision, assurance, and convenience. Tamp-R-Tel®, Tamper Resistant Package for narcotics and barbiturates discourages pilferage.

ZIRA INTERNATIONAL, INC.

Tucson, Ariz. 116
ZIRA INTERNATIONAL'S OPG 100 noninvasive diagnostic equipment for the detection and evaluation of extracranial carotid occlusive disease. OPG 100 is a differential ocular pulse-timing system that is easy to use and easy to interpret.

THE WOMAN'S AUXILIARY TO THE SOUTHERN MEDICAL ASSOCIATION

54th ANNUAL MEETING

November 11-14, 1978

Omni International Hotel

REGISTRATION AND INFORMATION

Omni International Hotel Glenmar Room—Friday, November 10, 2:00 p.m.-5:00 p.m.; Saturday, November 11, 10:00 a.m.-5:00 p.m.; Sunday, November 12, 8:30 a.m.-3:00 p.m.; Monday, November 13 and Tuesday, November 14, 8:30 a.m.-12:00 noon.

TICKETS

Tickets for all Auxiliary events may be purchased at the Auxiliary registration desks in the Omni International Hotel. All members, husbands and guests are invited to attend all activities, except those designated "by invitation."

SOUTHERN HOSPITALITY ROOM, DOCTORS' DAY EXHIBITS, AND RESEARCH AND ROMANCE OF MEDICINE EXHIBITS

The hospitality and exhibit rooms will be located in the Glenmar Rooms A and B at the Omni International Hotel. All doctors and spouses are invited to join us for coffee and danish rolls. All exhibits should be set up by Saturday at 2:00 p.m. and removed by Tuesday at 12:00 noon.

PLANNED ACTIVITIES

An exciting program of activities has been arranged for spouses and guests. For a complete schedule, see the SPOUSE PROGRAM.

PROGRAM BY DAYS

Saturday, November 11

2:00 p.m.

Executive Committee Meeting, President's Suite, Omni International Hotel.

4:30-5:30 p.m.

Past Presidents' Party, Presidential Suite, Omni International Hotel. Mrs. Linus W. Hewit, Hostess. (BY INVITATION)

7:00-8:30 p.m.

Southern Medical Association's President's Reception, Peachtree Plaza Hotel. No tickets required; admission by registration badge.

Sunday, November 12

8:30 a.m.

Breakfast and Preconvention Board Meeting, Liberty Hall, Omni International Hotel. All officers, directors, committee members, Past Presidents, Councilors, Vice-Councilors, state presidents and presidents-elect are expected to attend. **All members, husbands and guests are welcome.** Tickets by pre-registration.

6:30 p.m.-12:00 Midnight

Annual President's Night Dinner Dance, Peachtree Plaza Hotel. Entertainment will feature Ferrante and Teicher. Tickets, \$20.00 each, on sale at SMA registration desks, Georgia World Congress Center, must be purchased prior to Sunday, November 12, 12:00 noon.

Monday, November 13

8:30 a.m.

General Session, 54th Annual Meeting of the Woman's Auxiliary to the SMA, Mrs. M. Bruce Martin, President, presiding, Liberty Hall, Omni International Hotel. All officers, committee chairmen, Past Presidents, presidents-elect and members are expected to attend. Guests are welcome. No tickets required.

12:00 noon

Southern Medical Association's President's and Woman's Auxiliary Doctors' Day Awards Luncheon, Georgia World Congress Center. Speaker for the occasion will be Art Buchwald. All SMA and Auxiliary members invited. Tickets, \$9.00 each, on sale at registration desks, Georgia World Congress Center, and a limited number will be on sale at the Auxiliary registration desks, Omni International Hotel. Tickets must be purchased prior to 5:00 p.m., Sunday, November 11.

Tuesday, November 14

8:30 a.m.

Postconvention Board Meeting, Liberty Hall, Omni International Hotel, Mrs. Baxter S. Troutman, President, presiding. Tickets available at the Auxiliary registration desks, Omni International Hotel.

SPOUSE PROGRAM

SMA—MAG ANNUAL MEETING, 1978

Welcome to Atlanta for the 72nd Annual Scientific Assembly of the Southern Medical Association! This year's meeting, combined with the Medical Association of Georgia, will be quite exciting. An innovation this year is a schedule of activities for spouses, in addition to the usual social events.

REGISTRATION AND INFORMATION

The SMA Registration Desks will be at the Peachtree Plaza Hotel on Friday, November 10, from 12:00 noon to 5:00 p.m. Saturday through Tuesday the SMA Registration Desks will be in the Exhibit Hall at the Georgia World Congress Center. This area will be open from 8:00 a.m. to 5:00 p.m. Saturday through Monday, and 8:00 a.m. to 12:00 noon on Tuesday.

TICKETS

Pick up pre-ordered tickets at the SMA Registration Desks. Other tickets will be sold at the SMA Desks.

ACTIVITIES

Saturday, November 11, 1978

Female? Fantastic!

9:00 a.m.-10:00 a.m.
Georgia World Congress Center
Room 307
(Ticket)

Judy Ford Stokes defines success as being the best YOU can be, whether you are an emerging career woman, homemaker or a combination of both. Nationally known as a captivating speaker, Mrs. Stokes is one of the Ten Outstanding Young People in Atlanta, Vice-President of the Atlanta Area UNICEF board, and the Editor of *Atlanta Cooks for Company*.

Cardiopulmonary Resuscitation - A Life Saver

9:00 a.m. - 12:00 noon
Georgia World Congress Center
Room 308
(Ticket)

If someone's heart stopped beating or he stopped breathing, would you know what to do to help? In this three-hour course you can learn to use life-saving measures in emergency situations.

Southern Living Gardening Demonstration

2:00 p.m.-3:30 p.m.
Georgia World Congress Center
Room 307
(Ticket)

John Floyd, Senior Horticulturist with *Southern Living* magazine, and Carolyn D. Tynes, partner in Garden Designs in Birmingham, Alabama, will present a demonstration and discussion on popular woody ornamental plants used both indoors and outdoors. Dr. Floyd will discuss the correct care and uses of various ornamental plants in landscaping, and Mrs. Tynes will demonstrate their use in the popular foliage arrangements that grace so many homes today.

Did You Really Mean to Say That?

2:00 p.m.-4:00 p.m.
Georgia World Congress Center
Room 308
(Ticket)

"Did You Really Mean to Say That?" or the Science of Body Language, is a slide and game program. In an entertaining way, Dr. Harold Davis will show you how to understand what other people are saying to you by the way they hold their bodies, sit in chairs, gesture, etc. Dr. Davis is chairman of the Department of Journalism at Georgia State University, and has been a Washington correspondent and the city editor of the *Atlanta Journal*.

SMA Auxillary Executive Committee Meeting

2:00 p.m.
President's Suite
Omni International Hotel

SMA President's Reception

7:00 p.m.-8:30 p.m.
Peachtree Plaza Hotel
(Admission by registration badge)

Sunday, November 12, 1978

SMA Auxillary Breakfast and Preconvention Board Meeting

8:30 a.m.
Omni International Hotel
(Tickets available at the Auxillary Registration Desks)

All members, husbands, and guests are welcome. All officers, directors, committee members, Past Presidents, Councilors, Vice-Councilors, state presidents and presidents-elect are urged to attend.

Cosmetic Surgery

2:00 p.m.-4:00 p.m.
Georgia World Congress Center
Room 309
(Ticket)

Who's to say that beauty can't be improved with a few nips and tucks in just the right places! Dr. Salvador Castanares, a leading plastic surgeon in Los Angeles, will tell what plastic surgery is all about and discuss techniques involved. A panel of experts will be available for in-depth questioning. Here's your chance to get those answers for "all your friends!"

Finance for Women

2:00-3:30 p.m.
Georgia World Congress Center
Room 307
(Ticket)

If you've ever wished you could get several financial experts together at one time, this is your afternoon for excitement! Join the group—and discover the importance of establishing credit in your own name. The Business and Professional Women of Atlanta will sponsor a panel discussion on estate planning, with emphasis on information important to the physician's wife. Your questions are encouraged.

Professional Approach to Interior Design

2:00 p.m.-3:30 p.m.
Georgia World Congress Center
Room 308
(Ticket)

Hear an expert in interior design explain the principles of floor plans, furniture arrangements, lighting and finishing details. Susan Katz, nationally featured in magazines such as *House Beautiful* and *Better Homes and Gardens*, will use acetate overlays to show the steps to take in planning beautiful rooms. Your answers to a questionnaire will give Ms. Katz the opportunity to help you in special problem areas.

SMA President's Night Dinner Dance

6:30 p.m. Hospitality Hour

7:30 p.m.-12:00 Midnight

Peachtree Plaza Hotel

(Tickets may be obtained at the SMA Registration Desks prior to noon Sunday)

Don't miss the President's Night Dinner Dance! You will feast upon a tempting array of food in sumptuous surroundings, while listening to the diverse talents of the dynamic piano duo, Ferrante and Teicher. Dancing for all will complete this gala event. Plan to attend, wine and dine with your friends, and enjoy a spectacular evening!

Monday, November 13, 1978

SMA Auxiliary General Session

8:30 a.m.

Omni International Hotel

All officers, committee chairmen, Past Presidents, presidents-elect and members are urged to attend. Guests are welcome.

SMA President's Luncheon

12:00 noon-1:45 p.m.

Georgia World Congress Center

(Tickets may be obtained at the SMA or the SMA Auxiliary Registration Desks prior to 10:00 a.m. Monday)

Come hear the humor and political satire of columnist Art Buchwald, and enjoy a delicious luncheon. Also included will be a presentation of special awards.

Investment Quality Antiques

2:00-3:30 p.m.

Rich's, Downtown

(Ticket)

How do you recognize quality antiques? Are certain antiques better investments than others? A fascinating slide presentation on Old English antiques will be shown at the downtown Rich's. Mr. Howe, an authority on fine furniture and a buyer for Rich's, will answer these and many other questions concerning quality antiques and their value. After the presentation, a shopper's paradise awaits you—whether you're searching for something precious or something with pizzazz, Rich's has everything! Bus departs at 1:45 from the International Boulevard entrance, Level III of the Georgia World Congress Center. Bus will return at 5:00.

Creative Christmas Shopping

2:00 p.m.-5:30 p.m.

(Ticket)

A fun-filled afternoon of creative Christmas shopping awaits you when you board the bus today! You will be taken on a shopping spree beginning with the Textile Mill Store, where you may purchase name-brand towels, sheets, bedspreads and decorative pillows at near wholesale prices. In the same center is a beautiful gift store, and a doll house and antique store. The second stop will be Loehmann's, where you will find today's designer and moderately priced clothes at 1/2 price! There is a discount men's clothing store and a famous label shoe store nearby. Andrews Square is next—a quaint little boutique and specialty shop area offering an art gallery, a gourmet cooking shop, and French designer clothes. Sherry will be served on the tour. An optional stop will be made at Phipps Plaza and Lenox Square for those who wish to leave the tour early. Bus departs at 1:45 from the International Boulevard entrance, Level III of the Georgia World Congress Center.

Precious Jewelry Show

2:00 p.m.-3:30 p.m.

Neiman-Marcus, Lenox Square

(Ticket)

A rare treat is in store for Monday afternoon—a precious jewelry show at Neiman-Marcus in Lenox Square. Current important pieces including estate jewelry will be on display, and Mr. Bill Sharp will use models from the audience as he talks about the collection. He will give suggestions on the selection of jewelry to complement various fashions, and is well qualified to answer any questions you might have about fine jewelry. Afterward, you will be free to shop throughout Neiman-Marcus and the fabulous Lenox Square. Bus departs at 1:45 from the International Boulevard entrance, Level III of the Georgia World Congress Center. Bus will return at 5:00.

Tuesday, November 14, 1978

SMA Auxiliary Breakfast and Postconvention Board Meeting

8:30 a.m.

Omni International Hotel

(Tickets available at the Auxiliary Registration Desks)

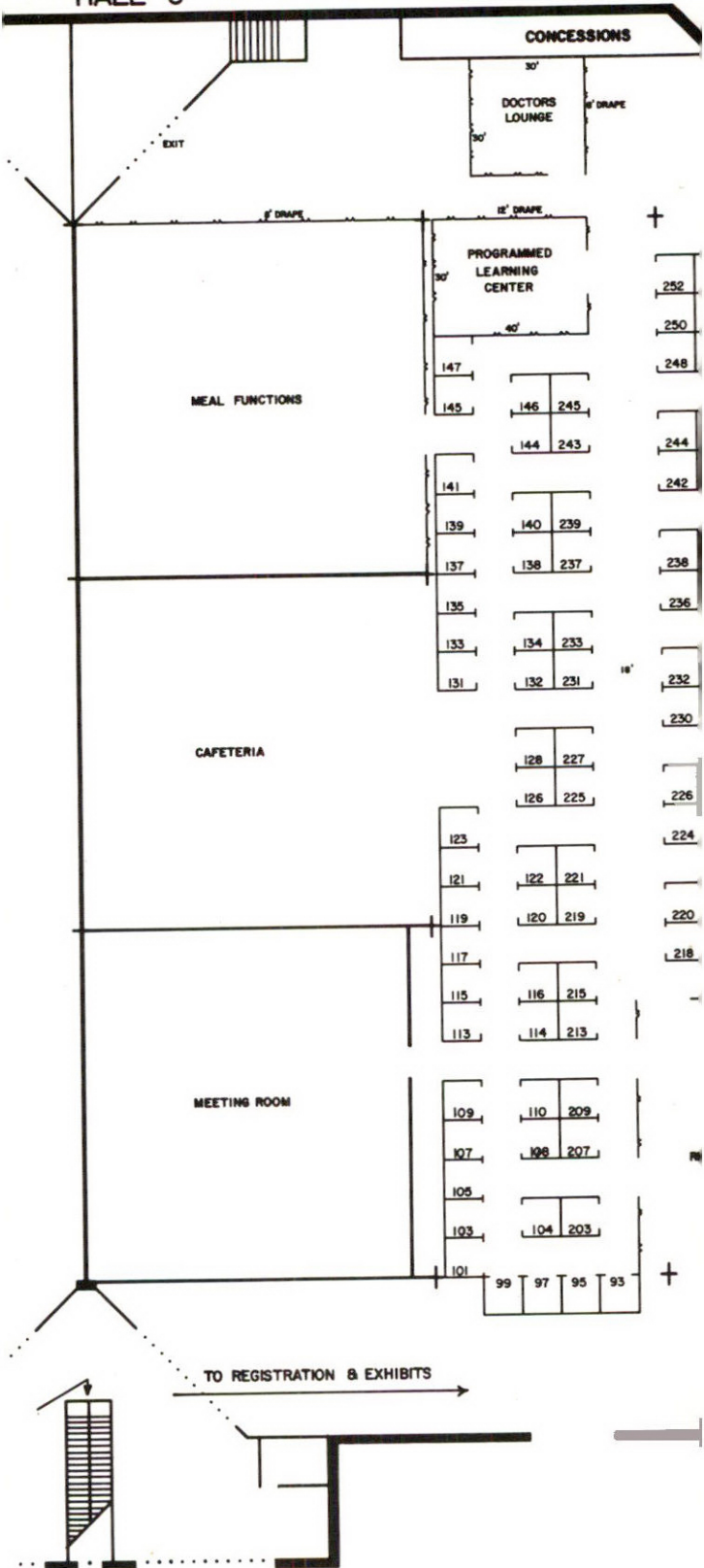
Private Home Tour

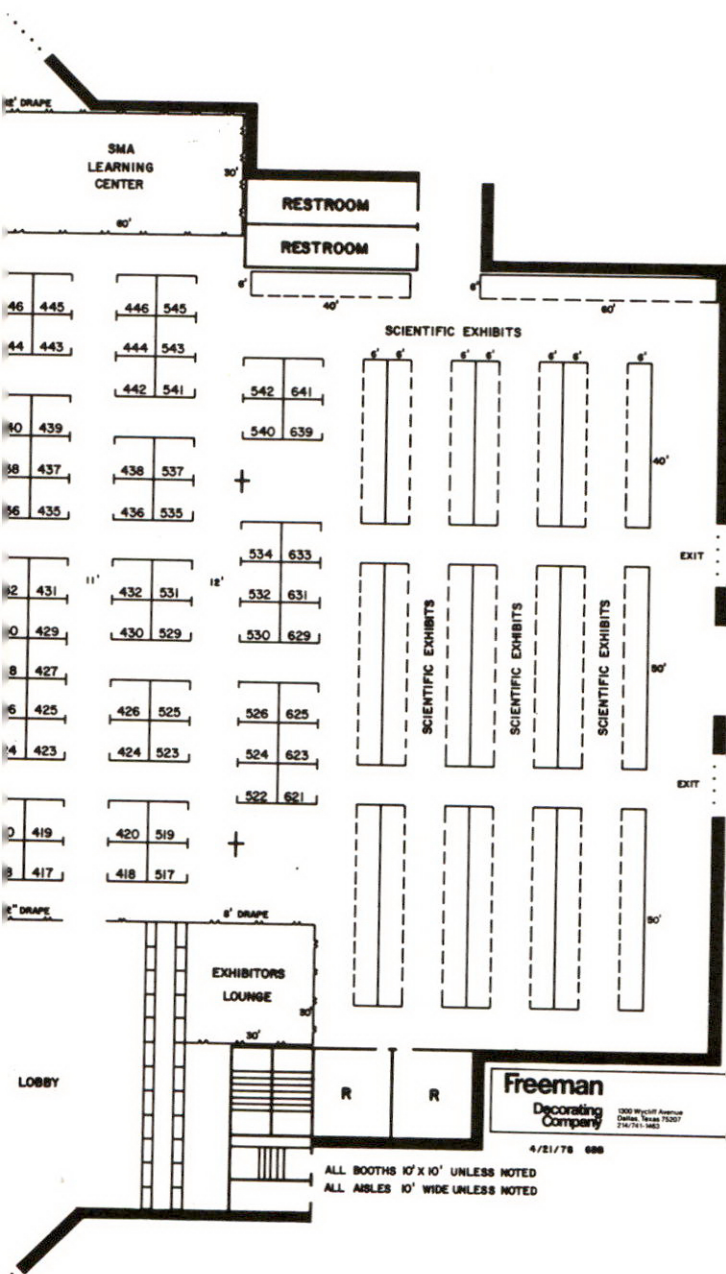
11:00 a.m.-3:30 p.m.

(Ticket)

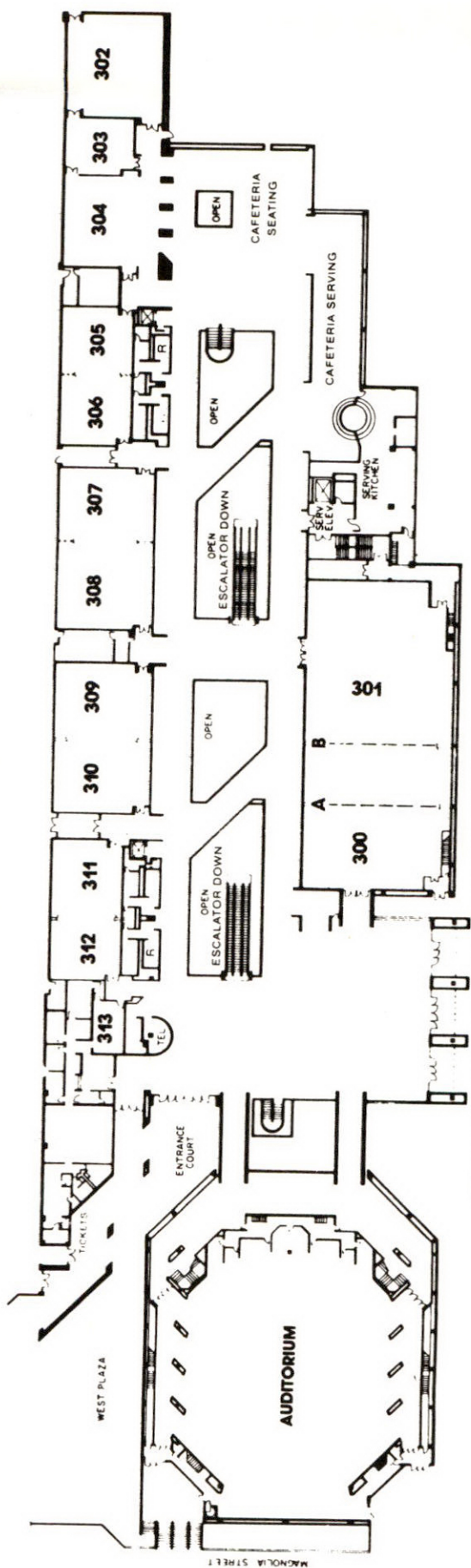
A unique opportunity for you to visit several of Atlanta's finest homes—normally closed to all but family and friends. You will see the Maynard Smith home, contemporary in style and traditional in furnishings, and Mrs. Smith's extraordinary collection of Cybis Porcelain. The second house will be a fabulous restored Victorian home in Inman Park, where the President of Atlanta's Victorian Society, Mr. Jim Whitnal, will speak about the architecture and resurgence of the Victorian period. The last home will be an antique lover's delight! Lunch will be served at the beautiful Abbey Restaurant. Bus departs at 10:45 from the International Boulevard entrance, Level III of the Georgia World Congress Center.

GEORGIA WORLD CONGRESS CENTER HALL 'C'





SOUTHERN MEDICAL ASSOCIATION
NOVEMBER 11-13, 1978



LEVEL III (UPPER/ENTRANCE) MEETING ROOMS

PLACES OF MEETINGS AND PRESIDENTS

- 1906, Chattanooga, Tenn., organization meeting.
 1907, Birmingham, Ala., *H. H. Martin, Savannah, Ga.
 1908, Atlanta, Ga., *B. L. Wyman, Birmingham, Ala.
 1909, New Orleans, La., *G. C. Savage, Nashville, Tenn.
 1910, Nashville, Tenn., *W. W. Crawford, Hattiesburg, Miss.
 1911, Hattiesburg, Miss., *Isadore Dyer, New Orleans, La.
 1912, Jacksonville, Fla., *James M. Jackson, Miami, Fla.
 1913, Lexington, Ky., *Frank A. Jones, Memphis, Tenn.
 1914, Richmond, Va., *Stuart McGuire, Richmond, Va.
 1915, Dallas, Texas, *Oscar Dowling, New Orleans, La.
 1916, Atlanta, Ga., *Robert Wilson, Charleston, S.C.
 1917, Memphis, Tenn., *Duncan Eve, Sr., Nashville, Tenn.
 1918, Influenza pandemic; no meeting that year.
 1919, Asheville, N. C., *Lewellys F. Barker, Baltimore, Md.
 1920, Louisville, Ky., *E. H. Cary, Dallas, Texas
 1921, Hot Springs, National Park, Ark., *Jere L. Crook, Jackson, Tenn.
 1922, Chattanooga, Tenn., *Seale Harris, Birmingham, Ala.
 1923, Washington, D. C., *W. S. Leathers, Jackson, Miss.
 1924, New Orleans, La., *Charles L. Minor, Asheville, N. C.
 1925, Dallas, Texas, *Stewart R. Roberts, Atlanta, Ga.
 1926, Atlanta, Ga., *C. C. Bass, New Orleans, La.
 1927, Memphis, Tenn., *J. Shelton Horsley, Richmond, Va.
 1928, Asheville, N. C., *William R. Bathurst, Little Rock, Ark.
 1929, Miami, Fla., *T. W. Moore, Huntington, W. Va.
 1930, Louisville, Ky., *Hugh S. Cumming, Washington, D. C.
 1931, New Orleans, La., *Felix J. Underwood, Jackson, Miss.
 1932, Birmingham, Ala., *Lewis J. Moorman, Oklahoma City, Okla.
 1933, Richmond, Va., *Irvin Abell, Louisville, Ky.
 1934, San Antonio, Texas, *Hugh Leslie Moore, Dallas, Texas
 1935, St. Louis, Mo., *H. Marshall Taylor, Jacksonville, Fla.
 1936, Baltimore, Md., *Fred M. Hodges, Richmond Va.
 1937, New Orleans, La., *Frank K. Boland, Atlanta, Ga.
 1938, Oklahoma City, Okla., *J. W. Jervy, Greenville, S. C.
 1939, Memphis, Tenn., *Walter E. Vest, Huntington, W. Va.
 1940, Louisville, Ky., *Arthur T. McCormack, Louisville, Ky.
 1941, St. Louis, Mo., *Paul H. Ringer, Asheville, N. C.
 1942, Richmond, Va., *M. Pinson Neal, Sr., Columbia, Mo.
 1943, Cincinnati, Ohio, *Harvey F. Garrison, Jackson, Miss.
 1944, **W. T. Wootton, Hot Springs National Park, Ark.
 1944, St. Louis, Mo. *James A. Ryan, Covington, Ky.
 1945, **Edgar G. Ballenger, Atlanta, Ga.
 1945, Cincinnati, Ohio, *E. Vernon Mastin, St. Louis, Mo.
 1946, Miami, Fla., *M. Y. Dabney, Birmingham, Ala.
 1947, Baltimore, Md., *Elmer L. Henderson, Louisville, Ky.
 1948, Miami, Fla., *Lucien A. LeDoux, New Orleans, La.
 1949, Cincinnati, Ohio, *Oscar B. Hunter, Washington, D. C.
 1950, St. Louis, Mo., *Hamilton W. McKay, Charlotte, N. C.
 1951, Dallas, Texas, *Curtice Rosser, Dallas, Texas
 1952, Miami, Fla., *R. J. Wilkinson, Huntington, W. Va.
 1953, Atlanta, Ga., Walter C. Jones, Miami, Fla.
 1954, St. Louis, Mo., *Alphonse McMahon, St. Louis, Mo.
 1955, Houston, Texas, *R. L. Sanders, Memphis, Tenn.
 1956, Washington, D. C., *W. Raymond McKenzie, Baltimore, Md.
 1957, Miami Beach, Fla., *J. P. Culpepper, Jr., Hattiesburg, Miss.
 1958, New Orleans, La., *W. Kelly West, Oklahoma City, Okla.
 1959, Atlanta, Ga., *Milford O. Rouse, Dallas, Texas
 1960, St. Louis, Mo., *Edwin Hugh Lawson, New Orleans, La.
 1961, Dallas, Texas, *Lee F. Turlington, Birmingham, Ala.
 1962, Miami Beach, Fla., *A. Clayton McCarty, Louisville, Ky.
 1963, New Orleans, La., Daniel L. Sexton, St. Louis, Mo.
 1964, Memphis, Tenn., Robert D. Moreton, Houston, Texas
 1965, Houston, Texas, R. H. Kampmeier, Nashville, Tenn.
 1966, Washington, D. C., J. Garber Galbraith, Birmingham, Ala.
 1967, Miami Beach, Fla., Guy Thompson Vise, Sr., Meridian, Miss.
 1968, New Orleans, La., Oscar B. Hunter, Jr., Washington, D. C.
 1969, Atlanta, Ga., Donald F. Marion, Miami, Fla.
 1970, Dallas, Texas, J. Leonard Goldner, Durham, N. C.
 1971, Miami Beach, Fla., Albert C. Esposito, Huntington, W. Va.
 1972, New Orleans, La., J. Hoyle Carlock, Ardmore, Okla.
 1973, San Antonio, Texas, *Joe T. Nelson, Weatherford, Texas
 1974, Atlanta, Ga., George J. Carroll, Suffolk, Va.
 1975, Miami Beach, Fla., Andrew M. Moore, Lexington, Ky.
 1976, New Orleans, La., G. Gordon McHardy, New Orleans, La.
 1977, Dallas, Texas, G. Thomas Jansen, Little Rock, Ark.
 1978, Atlanta, Georgia, Andrew F. Giesen, Jr., Fort Walton Beach, Fla.

*Deceased

**Deceased in office

FUTURE MEETINGS OF SOUTHERN MEDICAL ASSOCIATION

- November 4-7, 1979 Las Vegas, Nev.
 November 15-18, 1980 San Antonio, Texas
 November 15-18, 1981 New Orleans, La.
 October 31-November 3, 1982 Atlanta, Ga.
 November 13-16, 1983 St. Louis, Mo.

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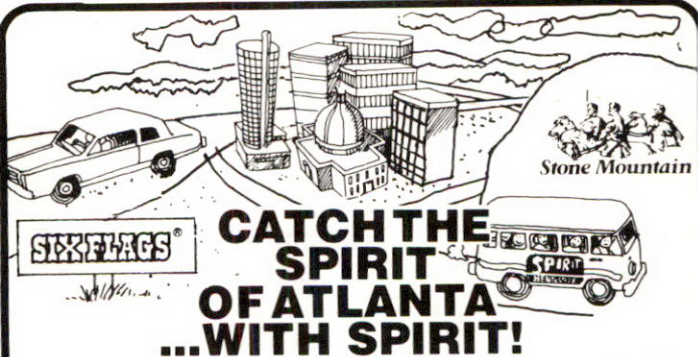
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DAILY SCHEDULE

THURSDAY

8:00 a.m.—Executive Office opens, The Peachtree Plaza Hotel, International Room

FRIDAY

12:00 noon—Registration, The Peachtree Plaza Hotel, Henry Grady Room

SATURDAY

8:00 a.m.—Registration, Georgia World Congress Center

8:00 a.m.—Business Office opens, Georgia World Congress Center

8:00 a.m.—Press Room opens, Georgia World Congress Center

9:00 a.m.—Exhibits open, Georgia World Congress Center

9:00-10:00 a.m.—Female Fantastic, Georgia World Congress Center, Room 307

9:00 a.m.-12:00 noon—Cardiopulmonary Resuscitation-A Life Saver, Georgia World Congress Center, Room 308

9:00 a.m.-12:00 noon—Scientific Sessions, Georgia World Congress Center:

Section on Pathology, Room 202

Section on Family Practice, Room 203

Section on Chest Diseases, Room 205

Section on Ophthalmology, Room 207

Section on Dermatology, Room 208

Sections on Neurology and Medicine, Room 210

Section on Radiology, Room 211

The Georgia Neurosurgical Society, Room 303

9:00 a.m.-5:00 p.m.—PG Course #1, Gynecologic Oncology For The Practicing Physician: Detection, Evaluation, Treatment and Follow-up, Georgia World Congress Center, Room 200

9:00 a.m.-5:00 p.m.—PG Course #2, Update in Reproductive Endocrinology and Infertility, Atlanta Hilton, Henry and Cherokee Rooms

9:00 a.m.-5:00 p.m.—PG Course #3, GI and Liver Diseases: Update and Management, Georgia World Congress Center, Room 305

9:00 a.m.-5:00 p.m.—PG Course #4, Cardiology, Georgia World Congress Center, Room 201

9:00 a.m.-5:00 p.m.—PG Course #5, Care of the Multiple Injured Patient, Georgia World Congress Center, Exhibit Hall, Room 102

9:00 a.m.-5:00 p.m.—PG Course #6, Problem Case Seminar on Common Hand Injuries: Basic and Advanced Techniques, Georgia World Congress Center, Room 204

9:00 a.m.-5:00 p.m.—PG Course #17, Cardiopulmonary Resuscitation: Basic Rescue Course, Georgia World Congress Center, Room 206

11:00 a.m.-12:00 noon—SMA First General Session, Peachtree Plaza Hotel, Spanish/Georgian Room

11:00 a.m.-4:00 p.m.—SMA Learning Center, Georgia World Congress Center, Exhibit Hall

12:00 noon-1:30 p.m.—MAG Luncheon and Calhoun Lecture, Georgia World Congress Center, Exhibit Hall, Room 100

1:30 p.m.—Section on Ophthalmology, Georgia World Congress Center, Room 207

2:00-3:30 p.m.—Southern Living Gardening Demonstration, Georgia World Congress Center, Room 307

2:00-4:00 p.m.—Did You Really Mean to Say That?, Georgia World Congress Center, Room 308

2:00-5:00 p.m.—Scientific Sessions, Georgia World Congress Center:

Section on Neurology, Room 203

Section on Surgery, Room 209

Sections on Medicine and Georgia Thoracic Society, Room 210

Section on Dermatology, Room 208

Section on Radiology, Room 211

The Georgia Neurosurgical Society, Room 303

2:00-5:00 p.m.—PG Course #7, Evaluation of Blood Transfusion Complications, Georgia World Congress Center, Room 306

2:00-5:00 p.m.—PG Course #8, Head and Neck Surgery, Georgia World Congress Center, Room 304

7:00-8:30 p.m.—SMA President's Reception, Peachtree Plaza Hotel, Plaza Ballroom

SUNDAY

8:00 a.m.—Registration, Georgia World Congress Center

9:00 a.m.—Exhibits open

9:00 a.m.-12:00 noon—Scientific Sessions, Georgia World Congress Center:

Section on Neurology, Neurosurgery, and Psychiatry, Room 201

Section on Gastroenterology, Room 202

Section on Family Practice, Room 203

Section on Chest Diseases, Room 205

Section on Orthopedic and Traumatic Surgery, Room 206

Section on Ophthalmology, Room 207

Section on Urology, Room 208

Section on Surgery, Room 209

Section on Anesthesiology, Room 210

Section on Radiology, Room 211

Atlanta Society of Pathologists, Room 305-306

9:00 a.m.-12:00 noon—PG Course #9, Maxillofacial Surgery, Georgia World Congress Center, Room 200

9:00 a.m.-12:00 noon—Southern Gynecological and Obstetrical Society, Georgia World Congress Center, Room 307

9:00 a.m.-12:00 noon—Section on Dermatology (Clinical Session), Emory University Clinic, Bus will depart from the Hyatt Regency at 8:30

10:00 a.m.—Section on Emergency Medicine Business Meeting, Georgia World Congress Center, Exhibit Hall, Room 102

11:00 a.m.-4:00 p.m.—SMA Learning Center, Georgia World Congress Center, Exhibit Hall

1:00-5:00 p.m.—Section on Ophthalmology, Georgia World Congress Center, Room 207

Continued on Back Cover

- 1:00-5:30 p.m.—Society for Investigative Dermatology, Georgia World Congress Center, Room 310
- 1:30-5:00 p.m.—Section on Psychiatry, Georgia World Congress Center, Room 203
- 1:30-5:00 p.m.—Section on Urology, Georgia World Congress Center, Room 208
- 2:00-3:30 p.m.—Finance for Women, Georgia World Congress Center, Room 307
- 2:00-3:30 p.m.—Professional Approach to Interior Design, Georgia World Congress Center, Room 308
- 2:00-4:00 p.m.—PG Course #10, Acne, Georgia World Congress Center, Room 200
- 2:00-4:00 p.m.—PG Course #11, Diagnosis and Clinical Management of Verrucae, Georgia World Congress Center, Room 201
- 2:00-4:00 p.m.—PG Course #12, Common Actinic Damage to the Skin, Georgia World Congress Center, Room 204
- 2:00-4:00 p.m.—Cosmetic Surgery, Georgia World Congress Center, Room 309
- 2:00-5:00 p.m.—Scientific Sessions, Georgia World Congress Center:
 Section on Gynecology, Room 202
 Section on Chest Diseases, Room 205
 Section on Orthopedic and Traumatic Surgery, Room 206
 Sections on Gastroenterology, Emergency Medicine, Radiology, and Surgery, Room 211
- 2:00-5:00 p.m.—PG Course #13, Medical Otolaryngology: Current concepts in the treatment of Common Disorders, Georgia World Congress Center, Exhibit Hall, Room 102
- 7:30 p.m.-12:00 midnight—SMA President's Night Dinner Dance, Peachtree Plaza Hotel, Peachtree Ballroom

MONDAY

- 8:00 a.m.—Registration, Georgia World Congress Center
- 9:00 a.m.—Exhibits open, Georgia World Congress Center
- 9:00 a.m.-12:00 noon—Scientific Sessions, Georgia World Congress Center:
 Section on Neurology, Neurosurgery, and Psychiatry, Room 200
 Section on Plastic and Reconstructive Surgery, Room 202
 Section on Pediatrics, Room 203
 Section on Orthopedic and Traumatic Surgery, Room 206
 Section on Ophthalmology, Room 207
 Sections on Medicine and Georgia Society of Internal Medicine, Room 208
 Section on Surgery, Room 209
 Section on Otolaryngology, Room 210
 Section on Anesthesiology, Room 211
 Section on Emergency Medicine, Room 303
 Section on Radiology and RSNA, Room 307
- 9:00 a.m.-5:00 p.m.—PG Course #14, Pediatric Urology, Georgia World Congress Center, Room 201
- 9:00 a.m.-5:00 p.m.—PG Course #15, Dermatology for the Non-Dermatologist, Georgia World Congress Center, Room 204
- 9:00 a.m.-5:00 p.m.—Zola Cooper Clinicopathologic Seminar, Georgia World Congress Center, Exhibit Hall, Room 102
- 10:00 a.m.-5:00 p.m.—SMA Learning Center, Georgia World Congress Center, Exhibit Hall
- 12:15 p.m.—SMA Second General Session (President's-Doctors' Day Awards Luncheon), Georgia World Congress Center, Exhibit Hall, Room 100
- 1:00-5:00 p.m.—PG Course #16, Pediatric Dermatology, Georgia World Congress Center, Room 200
- 1:15-5:00 p.m.—Section on Plastic and Reconstructive Surgery, Georgia World Congress Center, Room 202
- 1:30-5:00 p.m.—Section on Pediatrics, Georgia World Congress Center, Room 203
- 1:30-5:00 p.m.—Section on Otolaryngology, Georgia World Congress Center, Room 210
- 2:00 p.m.—Section on Orthopedic and Traumatic Surgery (Clinical Session), Emory University, Bus departs at 1:15 p.m. from the Peachtree Plaza
- 2:00-3:00 p.m.—Investment Quality Antiques, Bus departs at 1:45 from the International Boulevard entrance, Level III of the Georgia World Congress Center
- 2:00-3:30 p.m.—Precious Jewelry Show, Bus departs at 1:45 from the International Boulevard entrance, Level III of the Georgia World Congress Center
- 2:00-5:30 p.m.—Creative Christmas Shopping, Bus departs at 1:45 from the International Boulevard entrance, Level III of the Georgia World Congress Center
- 2:00-5:00 p.m.—Scientific Sessions, Georgia World Congress Center:
 Section on Allergy, Room 205
 Section on Obstetrics, Room 206
 Section on Colon and Rectal Surgery, Room 207
 Section on Pathology, Room 208
 Section on Surgery, Room 209
 Section on Radiology and RSNA, Room 307

TUESDAY

- 8:00 a.m.—Registration, Georgia World Congress Center
- 9:00 a.m.-12:00 noon—George Papanicolaou Memorial Seminar, Georgia World Congress Center, Room 200
- 9:00 a.m.-12:00 noon—Scientific Sessions, Georgia World Congress Center:
 Section on Allergy, Room 205
 Section on Otolaryngology, Room 210
- 11:00 a.m.-3:30 p.m.—Private Home Tour, Bus departs at 10:45 a.m. from the International Boulevard entrance, Level III of the Georgia World Congress Center