

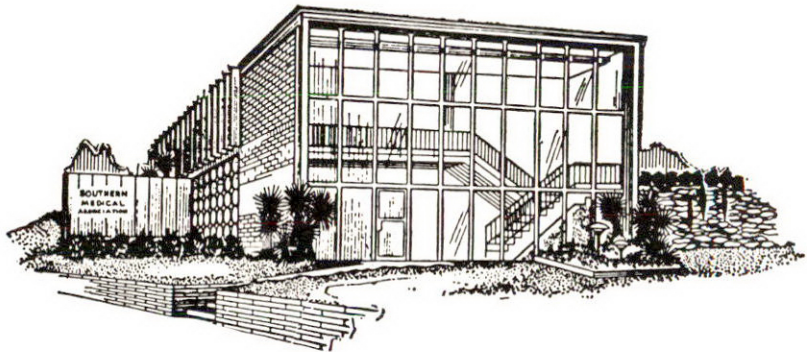
PROGRAM

64TH ANNUAL MEETING

NOVEMBER 16-19, 1970
DALLAS MEMORIAL AUDITORIUM
DALLAS, TEXAS



Southern Medical Association



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

OFFICIAL PROGRAM

64th Annual Meeting

of the

SOUTHERN MEDICAL ASSOCIATION



November 16-19, 1970

Dallas, Texas

GENERAL INDEX

Alumni Reunions	9
Committees on Arrangements	10
Committees, Section Host	10
Conjoint Societies	7, 122
Exhibits, Scientific	128
Exhibitors, Technical	140
General Information	6
General Sessions:	
First General Session (President's Luncheon).....	7, 11
Second General Session	7, 12
Golf Tournament	8
Medical Roundtable Luncheon Session	7, 120
Medical Student Representatives	10, 114
Officers, Southern Medical Association	4
President's Night	7, 14
President's Reception	7
Schedule of Scientific Work	4th Cover
Shuttle Bus Service	6
SMA Student Seminar	6, 117
Woman's Auxiliary Program	153

SECTION PROGRAMS

Allergy	15
Anesthesiology	19
Colon and Rectal Surgery	25
Dermatology	28
Gastroenterology	32
General Practice	39
Gynecology	43
Industrial Medicine and Surgery	46
Medicine	51
Neurology and Psychiatry	55
Obstetrics	60
Ophthalmology	64
Orthopedic and Traumatic Surgery	71
Otolaryngology	78
Pathology	83
Pediatrics	86
Physical Medicine and Rehabilitation	89
Plastic and Reconstructive Surgery	93
Radiology	97
Surgery	103
Urology	107

PROGRAMS OF CONJOINT SOCIETIES

American College of Chest Physicians, Southern Chapter	122
Flying Physicians Association	123
The Radiological Society of North America	123
Southern EEG Society	125
Southern Gynecological and Obstetrical Society	127

Guide to Exhibits and Meeting Rooms—134

Index of Names—156

SOUTHERN MEDICAL ASSOCIATION

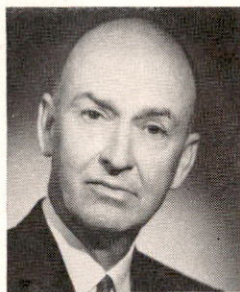
OFFICERS 1969-1970



President
J. LEONARD
GOLDNER
Durham, N. C.



President-Elect
ALBERT C.
ESPOSITO
Huntington, W. Va.



First Vice-President
J. HOYLE
CARLOCK
Ardmore, Okla.



Second Vice-President
LINTON H.
BISHOP, JR.
Atlanta, Ga.



Executive Director
MR. ROBERT F. BUTTS
Birmingham, Ala.

COUNCIL

GEORGE J. CARROLL, *Chairman*
WILLIAM L. MACON, JR., *Vice-Chairman*
BUFORD WORD
G. THOMAS JANSEN
CHARLES W. JONES
ROBERT L. TOLLE
WOOD W. LOVELL
ANDREW M. MOORE
G. GORDON McHARDY
GEORGE H. YEAGER
RAYMOND F. GRENFELL
F. WAYNE LEE
SAMUEL R. TURNER
GEORGE C. SMITH
GUY M. FRANCIS
JOE T. NELSON
NIME K. JOSEPH

Suffolk, Va.
St. Louis, Mo.
Birmingham, Ala.
Little Rock, Ark.
Washington, D. C.
Orlando, Fla.
Atlanta, Ga.
Lexington, Ky.
New Orleans, La.
Baltimore, Md.
Jackson, Miss.
Charlotte, N. C.
Tulsa, Okla.
Florence, S. C.
Chattanooga, Tenn.
Weatherford, Texas
Wheeling, W. Va.

Executive Committee of the Council—GEORGE J. CARROLL, *Chairman*; WILLIAM L. MACON, JR., *Vice-Chairman*; G. GORDON McHARDY; ANDREW M. MOORE; SAMUEL R. TURNER; J. LEONARD GOLDNER, *President*; ALBERT C. ESPOSITO, *President-Elect*; J. HOYLE CARLOCK, *First Vice-President*

Councilors-Elect—ANDREW F. GIESEN, JR., *Fort Walton Beach, Fla.*; EDWARD J. DENNIS, *Charleston, S. C.*; PHILLIP W. VOLTZ, JR., *San Antonio, Texas*; JEROME E. ADAMSON, *Norfolk, Va.*

BOARD OF TRUSTEES

(Year term expires follows name)

ROBERT D. MORETON (1970)
R. H. KAMPMEIER (1971)
J. GARBER GALBRAITH (1972)
GUY THOMPSON VISE, SR. (1973)
OSCAR B. HUNTER, JR. (1974)
DONALD F. MARION (1975)

Houston, Texas
Nashville, Tenn.
Birmingham, Ala.
Meridian, Miss.
Washington, D. C.
Miami, Fla.

EDITORIAL BOARD

R. H. KAMPMEIER, *Editor*
HARRIS D. RILEY, JR., *Assistant Editor*
SAM E. STEPHENSON, JR., *Assistant Editor*
LENOX D. BAKER
SULLIVAN G. BEDELL
THOMAS M. BLAKE
ROBERT N. BUCHANAN, JR.
CYRUS C. ERICKSON
JAMES H. HENDRIX, JR.
STANLEY A. HILL
CLIFTON K. MEADOR
JOHN W. RECORDS
CHARLES RIESER
E. CLINTON TEXTER, JR.

Nashville, Tenn.
Oklahoma City, Okla.
Jacksonville, Fla.
Durham, N. C.
Jacksonville, Fla.
Jackson, Miss.
Nashville, Tenn.
Memphis, Tenn.
Jackson, Miss.
Corinth, Miss.
Birmingham, Ala.
Oklahoma City, Okla.
Atlanta, Ga.
Temple, Texas

GENERAL INFORMATION

REGISTRATION

On Sunday, Nov. 15, 12:00 noon until 9:00 p.m., registration desks will be located in the lobby of the Fairmont Hotel. Monday through Wednesday, 8:00 a.m. until 5:30 p.m. and Thursday, 8:00 a.m. until 1:00 p.m., all registration desks will be located at the Dallas Memorial Auditorium. The Dallas Memorial Auditorium is headquarters for all scientific sessions, registration, exhibits, and information.

All physicians who pre-registered for the meeting and all members of the Dallas County Medical Society may pick up prepared badges at a special booth in the SMA registration area in the Fairmont Hotel on Sunday and at the Dallas Memorial Auditorium Monday through Thursday.

OFFICES

Executive Office . . . of the Executive Director and staff, the Fairmont Hotel, Executive Room, will be open from 8:00 a.m. until 5:30 p.m. daily, Nov. 13-19 inclusive.

Business Office . . . the Business Office, the Dallas Memorial Auditorium, Room 203, will be open from 8:00 a.m. until 5:30 p.m. daily.

TICKETS

Tickets to the Medical Roundtable Luncheon Session, President's Luncheon, President's Night Dinner Dance, and to all regularly scheduled luncheons and dinners of the Sections and alumni groups may be secured in the SMA registration area.

SHUTTLE BUS SERVICE

Shuttle buses will be operating between the Dallas Memorial Auditorium and the following hotels: Adolphus, Fairmont, Sheraton-Dallas, and Statler Hilton. Buses will operate from 7:30 a.m. to 6:00 p.m. on Monday, Tuesday, and Wednesday, and

from 7:30 a.m. to 1:30 p.m. on Thursday.

DAILY BULLETIN

A daily bulletin will be available on Nov. 16, 17, 18, and 19, at the SMA registration desks, the Dallas Memorial Auditorium.

WHO MAY ATTEND

All scientific activities, meetings, and exhibits at SMA annual meetings are available to physicians who are members in good standing of their local and state medical societies. Those who are not members of SMA will be requested to show membership cards of local and state societies. Scientific meetings and exhibits are also open to residents, interns, medical students, and paramedical personnel.

There is no registration fee at SMA annual meetings.

MESSAGE CENTER

A message center will be maintained for the convenience of members and guests of the Association in the SMA registration area, the Dallas Memorial Auditorium.

SPECIAL SCIENTIFIC SESSION: SMA STUDENT SEMINAR

This special session, under the direction of the SMA Committee on Medical Students, has been planned primarily for the benefit of the official medical student representatives who will be attending the annual meeting. In addition to the presentation of prize-winning essays, the program will feature discussions of interest to students of all ages. All physicians are invited to attend this session and participate in the open discussions. The complete program for this session may be found on page 117.

MEDICAL ROUNDTABLE LUNCHEON SESSION

A special Medical Roundtable Luncheon Session will be held on Monday, November 16, 12:15-1:45 p.m., Dallas Memorial Auditorium. The roundtables are being sponsored by the various specialty Sections of the Association and will feature outstanding moderators and topics of interest to all physicians. Tickets, \$4.25 each, may be obtained at the SMA registration desks, Dallas Memorial Auditorium. For a complete list of topics and moderators, please see pages 120-121.

CONJOINT SOCIETIES

Southern Medical Association is 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 SMA's Section programs. Programs for the following groups begin on page 122.

American College of Chest Physicians, Southern Chapter
Flying Physicians Association
The Radiological Society of North America
Southern EEG Society
Southern Gynecological and Obstetrical Society

PRESIDENT'S RECEPTION

The Southern Medical Association cordially invites all members and guests to a reception honoring its President, J. Leonard Goldner, Durham, N. C., the Fairmont Hotel, Gold Room, Dallas, Texas, Sunday, Nov. 15, 7:00-8:30 p.m.

FIRST GENERAL SESSION: PRESIDENT'S LUNCHEON

The First General Session will be held at a luncheon honoring J. Leonard Goldner, Durham, N. C., President of the Southern Medical Association, at the Fairmont Hotel, Gold Room, Tuesday, Nov. 17, 12:15 p.m. Tickets, \$5 each, may be obtained

at the SMA registration desks, Dallas Memorial Auditorium. Dr. Goldner's special guest will be Barnes Woodhall, former Chancellor Pro Tem, Duke University, now James B. Duke Professor of Neurosurgery, Duke University Medical Center, Durham, N. C., who will speak on "The University and Its Medical Center." Members, wives, and guests are invited. See program on page 11.

SECOND GENERAL SESSION

The Second General Session will be held at the Dallas Memorial Auditorium, Room No. 5, Wednesday, Nov. 18, 10:00 a.m. Highlighting this session will be an address by John A. D. Cooper, President, Association of American Medical Colleges, Washington, D. C. N. C. Hightower, Jr., Temple, Texas, has arranged a special panel discussion on the problem of providing medical care to all people. The moderator will be Stanley W. Olson, President, Southwest Foundation for Research and Education, San Antonio, Texas. Serving as members of the panel will be several of the Medical Student Representatives who will be special guests of the Association at the Dallas Meeting. For the complete program of the Second General Session, see page 12.

PRESIDENT'S NIGHT

The gala President's Night Dinner Dance will be held on Wednesday, Nov. 18, 7:30 p.m., the Fairmont Hotel, Regency Ballroom, preceded by a Hospitality Hour from 6:30-7:30 p.m. Excellent cuisine and outstanding entertainment will be featured during this special evening.

The Dean Hudson Orchestra will play during dinner and after the floor show until 1:00 a.m. An outstanding show will be presented featuring Leroy Van Dyke and The Auctioneers—the hottest act on the country circuit—and the talented guitarist, Joe Sodja.

Tickets, \$15 each, may be obtained at the SMA registration desks, the Dallas Memorial Auditorium.

ANNUAL GOLF TOURNAMENT

Date: Monday, November 16, 1970.

Place: Preston Trail Golf Club, home of the Byron Nelson Classic.

Tee-Off Time: "Shotgun" beginning at 1:00 p.m. Foursomes will be arranged at the Preston Trail Golf Club unless you come with your own.

Cost: Fee of \$35 covers the cost of greens fee, carts (no caddies), complete locker room facilities, lunch and meal gratuities, prizes, and roundtrip bus transportation. Buses will leave the Fairmont Hotel at 11:00 a.m. **Weather:** In the event of rain or other weather which causes the club to close the course to play, the greens fee only will be refunded.

Prizes: All prizes will be awarded at the hospitality hour following the tournament, Monday, Nov. 16,

1970, 7:00 p.m., Fairmont Hotel, Fountain Room (Terrace Level North). Ladies are welcome to attend the hospitality hour at an additional charge of \$5. Winners must receive their prizes in person.

Trophies: (1) *New Orleans States-Item Cup*, low gross, junior class (under 50 years of age); (2) *Miami Daily News Cup*, low gross, senior class; (3) *Dallas Morning News Trophy*, handicap for low net.

Who Can Play: Members of SMA and guests. Guests must play with hosts, and participants are required to wear official SMA registration badges.

General: All players will play for low gross (Calloway), as well as low net. Golfers are urged to bring own clubs, but they may be rented. USGA rules. Wear usual golf attire (shorts are permitted). There will be an information desk in the SMA registration area on Sunday, Nov. 15, the Fairmont Hotel.

ACKNOWLEDGMENTS

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

Dallas County Medical Society
Dallas, Texas

Merck Sharp & Dohme Postgraduate Program
West Point, Pa.

ALUMNI REUNIONS

Receptions and dinners will be held to celebrate annual alumni get-togethers. Information regarding alumni activities may be secured in the SMA registration area, Dallas Memorial Auditorium. Listed below are some of the activities already scheduled.

Duke University School of Medicine, Durham, N. C. Social hour and dinner, City Club, Tuesday, Nov. 17, 6:30 p.m. Dan Gill and Jim Gill, *Co-Chairmen*.

Emory University School of Medicine, Atlanta, Ga. Social hour and dinner, Chaparral Club, Tuesday, Nov. 17, 6:30 p.m. Oliver F. Bush, *Chairman*.

George Washington University School of Medicine, Washington, D. C. Reception, Fairmont Hotel, Panorama Room, Tuesday, Nov. 17, 6:00-8:00 p.m. Mrs. Betty McKee, *Chairman*.

Hahnemann Medical College, Philadelphia, Pa.

Louisiana State University School of Medicine, New Orleans, La. Reception, Fairmont Hotel, Florentine Room, Tuesday, Nov. 17, 6:30 p.m.

Mayo Clinic, Rochester, Minn. Reception for alumni of Mayo Clinic, Fairmont Hotel, Panorama Room, Monday, Nov. 16, 6:30-8:30 p.m.

Medical College of Georgia, Augusta, Ga. Social hour, Fairmont Hotel, Miss Mary P. Hallinan's suite, Tuesday, Nov. 17, 7:00 p.m. Charles E. Jarrett, *Chairman*.

Medical College of Virginia, Virginia Commonwealth University, Richmond, Va. Reception, Fairmont Hotel, Century Room, Tuesday, Nov. 17, 6:00 p.m. E. Lowell Berry, *Chairman*.

Medical University of South Carolina, Charleston, S. C. Reception, Fairmont Hotel, French Room, Tuesday, Nov. 17, 7:30 p.m.

Ochsner Clinic, New Orleans, La. Reception for alumni of Alton Ochsner Medical Foundation, Fairmont

Hotel, Florentine Room, Monday, Nov. 16, 7:00-9:00 p.m. Mr. William H. McFarland, *Chairman*.

Tulane University School of Medicine, New Orleans, La. Dutch treat reception, Fairmont Hotel, Board Room, Tuesday, Nov. 17, 5:30 p.m. M. E. Lapham and George V. Launey, *Co-Chairmen*.

University of Alabama School of Medicine, Birmingham, Ala. Social hour, Fairmont Hotel, Green Room, Tuesday, Nov. 17, 6:30 p.m. Mr. Jimmy Beard, *Chairman*.

University of Arkansas School of Medicine, Little Rock, Ark. Reception, Fairmont Hotel, State Room, Tuesday, Nov. 17, 6:30 p.m. G. Thomas Jansen, *Chairman*.

University of Louisville School of Medicine, Louisville, Ky. Open House, Adolphus Hotel, Mr. Leslie Shively's suite, Monday and Tuesday, Nov. 16-17, 5:00-7:00 p.m.

University of Maryland School of Medicine, Baltimore, Md. Reception, Fairmont Hotel, Far East Room, Tuesday, Nov. 17, 7:00 p.m. Theodore Kardash, *Chairman*.

University of Mississippi School of Medicine, Jackson, Miss. Open House, Fairmont Hotel, Paul H. Moore's suite, Monday, Nov. 16, 6:00-8:00 p.m.

University of North Carolina School of Medicine, Chapel Hill, N. C. Social hour, Fairmont Hotel, French Room, Monday, Nov. 16, 5:30 p.m.

University of Tennessee College of Medicine, Memphis, Tenn. Social hour and dinner, Chaparral Club, Charro Room, Tuesday, Nov. 17, 6:30 p.m. Hugh D. Murray, *Chairman*.

University of Virginia School of Medicine, Charlottesville, Va. Dutch Treat Reception, Fairmont Hotel, Mr. William Booth's University Hospitality Suite, Monday, Nov. 16, 6:00 p.m.

Vanderbilt University School of Medicine, Nashville, Tenn. Reception, Fairmont Hotel, Vista Room, Tuesday, Nov. 17, 6:00 p.m. Randolph Batson, *Chairman*.

MEDICAL STUDENT REPRESENTATIVES

For the 15th consecutive year the Southern Medical Association will have a special program for official medical student representatives, selected by their classmates, at the annual meeting. This year each school in the Association's territory has been invited to send two representatives, one from the junior class and one from the senior class. The objectives of this 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 "postgraduate" courses in medicine are offered;
- and finally, to urge them to share their findings with classmates upon returning to school.

For a list of the Medical Student Representatives to the Dallas Meeting and a complete outline of the program planned for them, see pages 114-119.

COMMITTEES ON ARRANGEMENTS

General Chairman: L. S. THOMPSON, JR.

Golf Committee: ALBERT O. LOISELLE, *Chairman*; B. C. HALLEY, JR., GEORGE TRUETT JAMES

Publicity: MR. MILLARD J. HEATH, *Chairman*; MR. ROBERT L. HEATH

SECTION HOSTS

Allergy: SALMON R. HALPERN, RICHARD B. JOHNSON

Anesthesiology: MYSORE N. RAO, C. RONALD STEPHEN

Colon and Rectal Surgery: WALLACE BAILEY

Dermatology: COLEMAN JACOBSON, JOHN L. KESTEL, JR.

Gastroenterology: HERBERT A. BAILEY, JOHN M. DIETSCHY

General Practice: NARD LAIR, WILLIAM C. WOODARD

Gynecology: JULIAN A. WELLS

Industrial Medicine and Surgery: TOM L. LAUDERDALE

Medicine: PORTER K. MASON

Neurology and Psychiatry: DAVID D. DALY

Obstetrics: STACY R. STEPHENS

Ophthalmology: M. RAY HARRINGTON, ROBERT R. SEXTON

Orthopedic and Traumatic Surgery: HAROLD A. MATTSO

Otolaryngology: CLAUDE D. WINBORN

Pathology: JOHN H. CHILDERS

Pediatrics: JOHN L. BASKIN

Physical Medicine and Rehabilitation: J. S. DAUGHETY, BILLY BROWN HOOVER

Plastic and Reconstructive Surgery: DEAN C. KIPP, DONALD R. KLEIN

Radiology: R. W. PERRIN

Surgery: CHARLES R. BAXTER

Urology: MELVIN C. KADESKY

FIRST GENERAL SESSION

PRESIDENT'S LUNCHEON

Tickets, \$5 each, may be obtained at the SMA Registration Desks, Dallas Memorial Auditorium, prior to Tuesday, November 17, 10:00 a.m.

Tuesday, November 17, 12:15 p.m.

The Fairmont Hotel
Gold Room



GUEST SPEAKER

BARNES WOODHALL
Durham, N.C.

Former Chancellor Pro Tem, Duke University; now James B. Duke Professor of Neurosurgery, Duke University Medical Center.

CALL TO ORDER

J. LEONARD GOLDNER
Durham, N.C.

*President
Southern Medical Association*

INVOCATION

FATHER ROBERT GORDON, C.M.
Dallas, Texas

*Chaplain,
St. Paul Hospital*

WELCOME

L. S. THOMPSON, JR.
Dallas, Texas

General Chairman on Arrangements

THE PLACE OF THE MEDICAL SCHOOL IN THE UNIVERSITY

BARNES WOODHALL
Durham, N.C.
Guest Speaker

ANNOUNCEMENTS AND ADJOURNMENT

SECOND GENERAL SESSION

Wednesday, November 18, 10:00 a.m.

Dallas Memorial Auditorium
Room No. 5



GUEST SPEAKER

JOHN A. D. COOPER
Washington, D.C.

President, Association of American
Medical Colleges.

CALL TO ORDER —PRESIDENTIAL ADDRESS

J. LEONARD GOLDNER
Durham, N.C.
President,
Southern Medical Association,
1969-70

PRESENTATION OF CERTIFICATES OF APPRECIATION TO RETIRING COUNCILORS AND PRESIDENT, WOMAN'S AUXILIARY

J. LEONARD GOLDNER
Durham, N. C.

AWARDS TO WINNERS OF THE MEDICAL STUDENT REPRESENTATIVES' ESSAY CONTEST

GEORGE H. YEAGER
Baltimore, Md.
Chairman,
Committee on Medical Students

SCIENTIFIC EXHIBIT AWARDS

ANDREW M. MOORE
Lexington, Ky.
Chairman,
Committee on Scientific
Exhibit Awards

SPECIAL AWARDS Seale Harris Medal Distinguished Service Award

J. HOYLE CARLOCK
Ardmore, Okla.
Chairman,
Committee on Special Awards

REPORT OF THE COUNCIL: Summary of Council Actions Report of the Nominating Committee

GEORGE J. CARROLL
Suffolk, Va.
Chairman of the Council,
Southern Medical Association

**ELECTION OF OFFICERS AND
INSTALLATION OF PRESIDENT
FOR 1970-71**

J. LEONARD GOLDNER
Durham, N.C.

**PRESENTATION OF PAST
PRESIDENT'S MEDAL AND
CERTIFICATE OF APPRECIATION**

ALBERT C. ESPOSITO
Huntington, W. Va.

*President,
Southern Medical Association,
1970-71*

**POSITION OF THE ASSOCIATION OF
AMERICAN MEDICAL COLLEGES IN
THE DELIVERY OF HEALTH
SERVICES**

JOHN A. D. COOPER
Washington, D.C.

**PANEL DISCUSSION: UNIVERSAL
MEDICAL CARE—IS IT POSSIBLE?**

Moderator:

STANLEY W. OLSON,
San Antonio, Texas

Panelists:

JOHN A. D. COOPER,
Washington, D. C.

N. C. HIGHTOWER, JR.,
Temple, Texas

MR. HAROLD PEARCE,
Chicago, Ill.

MR. WILLIAM DAVID PURNELL,
Winston-Salem, N. C.

MR. FREDERIC G. RANSOM,
Birmingham, Ala.

PRESIDENT'S NIGHT

Tickets, \$15 each, may be obtained at the SMA Registration Desks, Dallas Memorial Auditorium, prior to Wednesday, November 18, 12:00 noon.

Wednesday, November 18

The Fairmont Hotel

6:30 p.m.
Hospitality Hour
Regency Ballroom

7:30 p.m.
Annual Dinner Dance
Regency Ballroom



J. LEONARD GOLDNER
Durham, N. C.
President,
Southern Medical Association,
1969-70

WELCOME

L. S. THOMPSON, JR.
Dallas, Texas

General Chairman on Arrangements

INVOCATION

THE REVEREND DAVID M. CURRIE
Corpus Christi, Texas

Pastor,
First Presbyterian Church

INTRODUCTIONS

L. S. THOMPSON, JR.
Dallas, Texas

ENTERTAINMENT

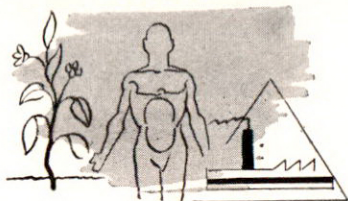
LEROY VAN DYKE AND
THE AUCTIONEERS

JOE SODJA

MUSIC FOR DANCING UNTIL
1:00 A.M.

THE DEAN HUDSON ORCHESTRA
Atlanta, Ga.

SECTION ON ALLERGY



OFFICERS

Chairman

ANTHONY A. FERNANDEZ, *Tampa, Fla.*

Chairman-Elect

ORVILLE C. THOMAS, *Houston, Texas*

Secretary

LLOYD V. CRAWFORD, *Memphis, Tenn.*

Secretary-Elect

ALBERT L. STEPHENS, JR., *Shreveport, La.*

SECTION HOSTS

SALMON R. HALPERN

RICHARD B. JOHNSON



GUEST SPEAKER

ELLIOT F. ELLIS

Denver, Colo.

Associate Professor, Department of Pediatrics, University of Colorado School of Medicine; Chief of Pediatrics, National Jewish Hospital.

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

MEDICAL ROUNDTABLE LUNCHEON SESSION

The Section on Allergy is sponsoring one table at this special session—Table No. 1. Tickets, \$4.25 each,

must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

Monday, November 16, 6:30 p.m.

Home of Richard B. Johnson
6820 Bradbury Lane

Social hour for members, wives, and guests of the Section on Allergy, sponsored by the Dallas Allergists.

Tuesday, November 17, 8:30 a.m.

Dallas Memorial Auditorium
Room No. 2

8:30 a.m.

**ELECTROIMMUNODIFFUSION: A
NEW TECHNIQUE FOR THE
ALLERGIST**

GEORGE W. BRASHER
Temple, Texas

Recent advances in immunochemical methods allow the allergist to apply his knowledge of immunoglobulin structure and function to the diagnosis of a variety of atopic and nonatopic conditions. Electroimmuno-diffusion (EID), a new technique for measuring minute levels of immunoglobulins in dilute biologic fluids, has been used for determining and clinically evaluating the amount of IgA and IgM in umbilical cord serum, IgA in parotid secretions, and IgG and IgA in cerebrospinal fluid.

8:50 a.m.

**VARIABILITY OF SWEAT ELECTRO-
LYTES IN ALLERGIC CHILDREN**

BETTINA C. HILMAN
Shreveport, La.

WILLIAM W. WARING
and MARILYN HUGHES
New Orleans, La.

Presentation by Dr. Hilman

Elevated sodium and chloride values in the sweat of allergic children has been reported by some authors, leading to confusion in diagnosis with cystic fibrosis. In a series of 1,200 sweat tests, electrolyte values of over 100 allergic children were compared to an equal number of patients with cystic fibrosis and controls.

9:10 a.m.

**RECENT DEVELOPMENTS IN THE
PHARMACOLOGIC TREATMENT OF
ASTHMA**

ELLIOT F. ELLIS
Denver, Colo.

*Guest Speaker
Section on Allergy*

Drugs used in the treatment of asthma belong to three classes of agents: catecholamines, including epinephrine and isoproterenol; methylxanthines (theophylline and compounds thereof); and corticosteroids. The rationale for the use of each of these classes of drugs will be discussed in light of recent research findings. In addition, information on a promising new compound, disodium cromoglycate, which does not belong to any of the above groups of drugs, will be presented.

9:50 a.m.

INTERMISSION—VISIT EXHIBITS

**SYMPOSIUM ON
ALLERGIC PROBLEMS**

Moderator:

BERNARD T. FEIN,
San Antonio, Texas

10:20 a.m.

ATOPIC ECZEMA

JOURDAN A. ROANE
Memphis, Tenn.

10:35 a.m.

ANT SENSITIVITY

RODNEY F. TRIPLETT
Jackson, Miss.

10:50 a.m.

SYSTEMIC REACTIONS TO FOODS

ROBERT S. ELLIS
Oklahoma City, Okla.

There is much controversy regarding the importance of food allergy in various allergic conditions. The author will present a number of clear-cut cases of food allergy. All of the patients presented have had various kinds of systemic reactions to foods. Some of the reactions occurred after indirect contact with the food, such as inhaling smoke from the food being cooked. Patients with local swelling of the lips, tongue, or pharynx are not included in this study, nor those whose usual symptoms are increased by foods.

11:05 a.m.

DISCUSSION, QUESTIONS, AND ANSWERS

Tuesday, November 17, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 2

2:00 p.m.

CLINICAL TRIAL OF DISODIUM CROMOGLYCATE IN ASTHMA IN CHILDREN

LLOYD V. CRAWFORD,
JOURDAN A. ROANE,
FRED T. GROGAN,
and JERALD M. DUNCAN
Memphis, Tenn.

Presentation by Dr. Duncan

Thirty-six patients over six with wheeze more than 50% of the time were evaluated with disodium cromoglycate (Cromolyn Sodium), inhalation in a double-blind crossover study.

SECTION ON ALLERGY

Immunotherapy and symptomatic medications were continued. Detailed patient log and laboratory studies were obtained. Symptom response, symptomatic medication requirements, general well-being, and exercise tolerance were some parameters evaluated.

2:20 p.m.

CORRELATION OF INTRINSIC SKIN REACTIVITY WITH SKIN TESTS IN ATOPIC PATIENTS

JOSEPH T. QUENG,
ARNALDO M. GAMBOA,
and JOHN P. McGOVERN
Houston, Texas

Presentation by Dr. Queng

Multiple correlations were made with the degree of intrinsic skin reactivity in 100 consecutive atopic patients undergoing prick, scarification, and intradermal diagnostic testing. A specially designed machine, adjustable to permit varying degrees of pressure, was used to assay reactivity. Results will be presented and discussed.

2:40 p.m.

STATUS ASTHMATICUS: ETIOLOGY AND MANAGEMENT

ANTHONY A. FERNANDEZ
Tampa, Fla.

*Chairman
Section on Allergy*

Status asthmaticus is a true and challenging medical emergency. Treatment must be based on correcting the etiology and pathophysiologic abnormalities. The outcome is not always favorable and the allergist may need the assistance of other allied specialists to institute new methods of treatment.

17

3:10 p.m.

INTERMISSION—VISIT EXHIBITS

3:40 p.m.

THE USE OF PROVOCATIVE SKIN TESTS AND PROVOCATIVE NASAL TESTS TO PREDETERMINE RESULTS IN THE TREATMENT OF RAGWEED POLLENOSIS

HARRIS HOSEN
Port Arthur, Texas

Provocative skin tests and provocative nasal tests were done to determine the blocking antibody titre and the degree of sensitivity of the shock organs in a series of treated ragweed cases. The results of both methods of provocation were used to predict clinical results.

4:00 p.m.

PRELIMINARY REPORT COMPARING RESULTS OF PUMONARY FUNCTION STUDIES IN ASTHMATIC AND NORMAL CHILDREN

ROLAND B. SCOTT,
M. NICK CHEHREH,
and ESTHER AKOGERAM
Washington, D. C.

Presentation by Dr. Chehreh

The aim of the present study was to evaluate the pulmonary function of

normal children in order to establish some standard which could be compared with that of asthmatic children. Various tests were performed on 30 normal children, ages ranging from 8 to 14 years, as well as on 20 asthmatic children. The second part of the study dealt with the determination of oxygen cost of breathing. All 30 normal and 20 asthmatic children were included for the second part. Results were tabulated and will be presented.

4:20 p.m.

DON'TS IN THE TREATMENT OF ASTHMA FOR THE PHYSICIAN, THE PATIENT, AND THE PARENT

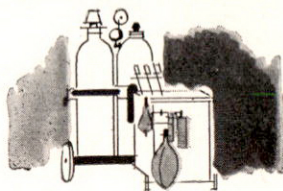
STUART A. MASON
Fort Worth, Texas

Asthma, formerly regarded as a relatively benign disease, has been attended by a rising mortality in recent years. This paper explores the reasons, from the point of view of the physician, the patient, and the parent. Suggestions will be offered for avoiding the serious complications of bronchial asthma.

4:40 p.m.

**BUSINESS MEETING,
SECTION ON ALLERGY**

SECTION ON ANESTHESIOLOGY



OFFICERS

Chairman
Chairman-Elect
Secretary

Z. W. GRAMLING, *Augusta, Ga.*
C. RONALD STEPHEN, *Dallas, Texas*
ERIC HOLMES, *Dallas, Texas*

SECTION HOSTS

MYSORE N. RAO
C. RONALD STEPHEN



GUEST SPEAKER

L. DONALD BRIDENBAUGH
Seattle, Wash.

Associate Director, Department of Anesthesiology, The Mason Clinic; Clinical Associate Professor of Anesthesiology, University of Washington School of Medicine.

Monday, November 16, 9:00 a.m.

Dallas Memorial Auditorium
Room No. 1

CHARLES C. TANDY,
Dallas, Texas, presiding

9:00 a.m.

METHOXYFLURANE AND RENAL FAILURE: A CASE REPORT

NOEL W. LAWSON
Columbia, Mo.

High output renal failure has been associated with methoxyflurane (Penthrane), administration. This paper concerns a case report of high out-

put renal failure following methoxyflurane with a literature review of the pertinent features of the syndrome.

Discussant:

CHARLES R. BAXTER,
Dallas, Texas

9:30 a.m.

POSTTRAUMATIC RESPIRATORY INSUFFICIENCY

JAMES F. ARENS,
BARBARA J. BENBOW,
RICHARD F. BICKNELL,
HURST B. HATCH, JR.,
and ROBERT D. BLOODWELL
New Orleans, La.

Presentation by Dr. Arens

Following various types of trauma,

surgery, and low blood flow states, a syndrome has been recognized in which there is a rapid, progressive, and frequently fatal deterioration of respiratory function. The "shock lung" syndrome, posttraumatic pulmonary insufficiency, has just recently come into prominence. This paper will discuss the various etiologic factors, the clinical picture with laboratory and x-ray findings, and presently recommended therapeutic measures. Data from clinical cases will be used to illustrate the above.

Discussant:

F. JOSEPH DANNEMILLER,
San Antonio, Texas

9:55 a.m.

INTRAVENOUS ALCOHOL: ITS USE IN ANESTHESIA FOR CARDIO-VASCULAR SURGERY

WALTER H. MANNHEIMER
Houston, Texas

A majority of procedures for cardiovascular surgery on pump bypass was performed with intravenous morphine as the primary anesthetic. A marked antidiuresis was noted when compared to procedures under "conventional" anesthesia. The antidiuresis was abolished by infusion of alcohol. The combined use of morphine and alcohol resulted in remarkable circulatory stability.

Discussant:

JAMES M. FENSTERMACHER,
Houston, Texas

10:20 a.m.

INTERMISSION—VISIT EXHIBITS

10:50 a.m.

EVALUATION OF PATIENTS WITH HISTORY OF ALLERGY TO LOCAL ANESTHETIC DRUGS

J. ANTONIO ALDRETE
Miami, Fla.

An evaluation procedure for patients with history of allergy to local anesthetics will be described, consisting of interrogation, intracutaneous testing, challenging, and passive-transfer test. The results and conclusions will be discussed.

Discussant:

HAMDİ ERDEMİR,
Birmingham, Ala.

11:15 a.m.

SERUM IONIZED CALCIUM: SOME FACTORS INFLUENCING ITS LEVEL

CHARLES B. PITTINGER,
PONG MOON CHANG,
and WILLARD FAULKNER, Ph.D.
Nashville, Tenn.

Presentation by Dr. Pittinger

Electrode studies of serum ionized calcium were undertaken to determine its: (1) range and dispersion in a series of 132 elective hospital admissions; (2) correlations with 16 routine clinical chemical entities and with estimates derived from the McLean-Hastings nomogram; and (3) variability associated with pH changes, succinylcholine administration, hyperparathyroidism, and blood transfusion.

Discussant:

KENNETH SUGIOKA,
Chapel Hill, N. C.

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

**MEDICAL ROUNDTABLE
LUNCHEON SESSION**

The Section on Anesthesiology is sponsoring one table at this special session—Table No. 2. Tickets, \$4.25 each, must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

Monday, November 16, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 3

**A Joint Meeting of the Sections on
Anesthesiology
Pediatrics**

C. RONALD STEPHEN,
Dallas, Texas, presiding

2:00 p.m.

**BIOCHEMICAL MONITORING OF THE
HIGH RISK NEONATE BY NURSERY
PERSONNEL**

ABNER H. LEVKOFF,
ROBERT C. DUNCAN, Ph.D.,
and MILTON C. WESTPHAL
Charleston, S. C.

Presentation by Dr. Levkoff

Methods for routine monitoring of glucose, bilirubin, pH, pCO₂, and pO₂ to be performed by nursing personnel in the intensive care nursery will be described, and an analysis of the results compared with standard methods applied by an A.S.C.P. technician will be given.

Discussant:

E. WARNER AHLGREN,
Dallas, Texas

SECTION ON ANESTHESIOLOGY

2:25 p.m.

**ACUTE EPIGLOTTITIS IN CHILDREN:
A RESPIRATORY EMERGENCY**

P. PRITHVI RAJ,
D. G. LARARD,
and Y. T. DIBA
Dallas, Texas

Presentation by Dr. Prithvi Raj

Reports of 13 cases of acute epiglottitis will be presented. Improvement in the mortality rate with adequate treatment will be stressed and the diagnosis and management discussed. Particular regard must be given to the maintenance of the airway, the control of infection, and use of steroids. In view of the rapid progression of hypoxia, collapse, and the high mortality, acute epiglottitis presents a respiratory emergency requiring urgent intensive treatment.

Discussant:

WALTER S. GUINEE,
Little Rock, Ark.

2:50 p.m.

**UPPER ARM BLOCK FOR CARDIAC
CATHETERIZATION**

L. DONALD BRIDENBAUGH
Seattle, Wash.

*Guest Speaker
Section on Anesthesiology*

Anesthesia to permit cardiac catheterization in children without altering blood gases has resulted in development of numerous proposed techniques. A review of over 2,000 cardiac catheterizations performed at the Children's Orthopedic Medical Center under upper arm block anesthesia reveals this to be the anesthesia technique of choice.

Discussant:

KATHRYN W. WILLIS,
Dallas, Texas

3:15 p.m.

INTERMISSION—VISIT EXHIBITS

3:45 p.m.

**USE OF THE ANALGIZER IN
BURNED CHILDREN**

WALTER S. GUINEE,
FERDINAND E. GREIFENSTEIN,
and MR. NATHAN F. AUSTIN
Little Rock, Ark.

Presentation by Dr. Guinee

Methoxyflurane via the analgizer has been used as the primary anesthetic for burn debridement for the past 22 months. The technique has been used for multiple procedures on 82 children and results will be described together with follow-up tests for possible complications.

Discussant:

ROY D. WILSON,
Galveston, Texas

4:10 p.m.

**EFFECTS OF ADMINISTRATION OF
ATROPINE AND NEOSTIGMINE IN
CARDIAC PATIENTS**

ANTHONY D. IVANKOVIC
Maywood, Ill.

M. R. SALEM
Chicago, Ill.

Presentation by Dr. Ivankovic

An investigation into the effect of atropine and neostigmine on the cardiac rhythm of children with congenital heart disease will be described. Further studies of the effect of these drugs on the digitalized heart in dogs were then performed and results will be given.

Discussant:

EDWARD J. BENNETT,
Dallas, Texas

4:35 p.m.

**CARDIOPULMONARY EVALUATION
OF PATIENTS FOR SURGICAL COR-
RECTION OF KYPHOSCOLIOSIS**

VAYDEN F. STANLEY
Dallas, Texas

Preoperative and postoperative car-

diopulmonary studies were performed on pediatric patients undergoing surgical correction of their kyphoscoliosis. These studies included: EKG, vital capacity, timed forced expiratory volume, maximum breathing capacity, and arterial blood gases. Practical methods for evaluation and utilization of this data will be presented.

Discussant:

JAMES F. ARENS,
New Orleans, La.

Monday, November 16, 6:30 p.m.

The Fairmont Hotel
State Room

Social hour for members, wives, and guests of the Section on Anesthesiology, sponsored by the Dallas County Anesthesiology Society.

Tuesday, November 17, 8:30 a.m.

Dallas Memorial Auditorium
Room No. 1

ERIC HOLMES,
Dallas, Texas, presiding

8:30 a.m.

**DIAPHRAGM MOVEMENTS AND RE-
GIONAL VENTILATION FOLLOWING
ABDOMINAL SURGERY**

ASHIQ H. TAHIR,
RONALD B. GEORGE,
HANS WEILL, and
JOHN ADRIANI
New Orleans, La.

Presentation by Dr. Tahir

Diaphragm movements on fluoroscopy and regional ventilation on

fluorodensimetry were studied in 30 abdominal surgery cases. Patients following upper abdominal surgery showed marked decrease in diaphragm movements and shift of ventilation away from the lower zone. There was significant correlation between the vital capacity and the magnitude of the vertical movement of the diaphragm.

Discussant:

ALAN K. PIERCE,
Dallas, Texas

8:55 a.m.

ARE THE COURTS HOLDING ANESTHESIOLOGISTS LIABLE WITHOUT FAULT?

CHARLES W. QUIMBY, JR.
Little Rock, Ark.

Under American law, individuals may have to pay damages for injuries they did not cause. This is termed "liability without fault." Recent anesthetic malpractice case decisions tend this way. Apparently the social philosophy behind liability without fault is being applied to anesthetic accidents.

Discussant:

FREDERIC K. SPIES, J.D., LL.M.,
Fayetteville, Ark.

9:20 a.m.

ANESTHESIA EXPERIENCES AT THE CHILDREN'S MEDICAL RELIEF INTERNATIONAL (CMRI), PLASTIC AND RECONSTRUCTIVE SURGICAL CENTER IN VIET NAM

JOSEPH F. PATTERSON
Chapel Hill, N. C.

The author will discuss his experiences at this plastic surgery hospital following his recent return from a three months' tour as a consultant in anesthesiology.

Discussant:

M. T. JENKINS,
Dallas, Texas

9:45 a.m.

INTERMISSION—VISIT EXHIBITS

10:15 a.m.

TYMPANIC THERMOGRAPHY: A CLINICAL AND RESEARCH EVALUATION OF A NEW TECHNIQUE

ROY D. WILSON,
CHRISTA KNAPP, R. N.,
DANIEL L. TRABER, Ph.D.,
and LAWRENCE PRIANO, Ph.D.
Galveston, Texas

Presentation by Dr. Priano

Fifty-four burned patients were evaluated during thermogenic stress by four temperature probes over 200 minutes of continuous temperature recording. Three thousand four hundred fifty-six measurements were statistically analyzed for time magnitude relationship and while esophageal temperature was the most sensitive, the difference in correlation analysis between tympanic and esophageal modes was insufficient to overshadow the greater ease and acceptability of the tympanic thermometer. It is concluded the technique will be of practical value especially with the conscious burned child.

Discussant:

VAYDEN F. STANLEY,
Dallas, Texas

10:40 a.m.

MANPOWER SHORTAGE: FACT OR FANCY?

L. DONALD BRIDENBAUGH
Seattle, Wash.

Guest Speaker
Section on Anesthesiology

Would correction of the current inefficient operating room utilization, surgical scheduling, and individual convenience, which result in the average anesthesiologist fulfilling 50% of his potential, relieve the ap-

parent shortage of anesthesiologists? Studies of each of these factors will reveal methods of improvement, but prove the shortage real.

11:30 a.m.

**BUSINESS MEETING,
SECTION ON ANESTHESIOLOGY**

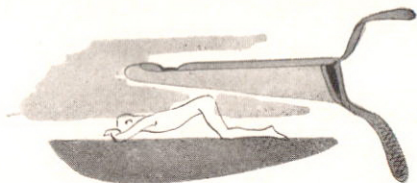
Tuesday, November 17, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
Obstetrics
Anesthesiology
General Practice
Gynecology**

See Program on Page 61

SECTION ON COLON AND RECTAL SURGERY



Chairman
Vice-Chairman
Secretary

OFFICERS

ROBERT J. ROWE, *Dallas, Texas*
H. GRAY CARTER, *Dallas, Texas*
MATTHEW A. LARKIN, *Miami, Fla.*

SECTION HOST WALLACE BAILEY



GUEST SPEAKER

WALTER D. BIRNBAUM
San Francisco, Calif.

President, American Proctologic Society.

Monday, November 16, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
Gastroenterology
Colon and Rectal Surgery
Surgery**

See Program on Page 35

Tuesday, November 17, 6:30 p.m.

The Fairmont Hotel
Oak Room

Reception for members, wives, and

SECTION ON COLON AND RECTAL SURGERY

guests of the Section on Colon and
Rectal Surgery, sponsored by the
Colon and Rectal Surgeons of Dallas.

Wednesday, November 18, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 6

ROBERT J. ROWE,
Dallas, Texas, presiding

2:00 p.m.

THE DYNAMICS OF COLON HEALING

WALTER D. BIRNBAUM
San Francisco, Calif.

Guest Speaker

Section on Colon and Rectal Surgery

An understanding of the dynamic

processes involved in healing of colonic anastomoses is of great practical importance. The author will review the roles of collagen lysis, synthesis, and collagenolytic enzymes in relation to infection, trauma, nutritional deficiencies, etc.

2:30 p.m.

THE EVOLUTION AND CURRENT STATUS OF ANTERIOR RESECTION FOR CARCINOMA OF THE RECTUM

FRANK T. KURZWEG
Shreveport, La.
Special Guest Lecture

The evolution of anterior resection for carcinoma of the rectum and rectosigmoid will be traced. The mortality and morbidity of the operation will be discussed and five year survival rates evaluated.

2:50 p.m.

COMPLICATIONS OF ABDOMINOPERINEAL RESECTION

M. J. TARANTINO and
IRVING A. LEVIN
New Orleans, La.

Presentation by Dr. Tarantino

This retrospective study of abdominoperineal resections from both Charity Hospital and Touro Infirmary in New Orleans covers the years 1964 through 1969 inclusive, and represents all cases done at these two institutions during those years. All cases were included irrespective of the diagnosis or prognosis at the time of surgery.

3:15 p.m.

INTERMISSION—VISIT EXHIBITS

3:45 p.m.

PANEL DISCUSSION: GUIDELINES AND CHOICE OF OPERATIONS IN CARCINOMA OF THE COLON AND RECTUM

Moderator:

A. F. CASTRO,
Washington, D. C.

Panelists:

WALTER D. BIRNBAUM,
San Francisco, Calif.

FRANK T. KURZWEG,
Shreveport, La.

IRVING A. LEVIN,
New Orleans, La.

H. WHITNEY BOGGS, JR.,
Shreveport, La.

Thursday, November 19, 9:00 a.m.

Dallas Memorial Auditorium
Room No. 6

MATTHEW A. LARKIN,
Miami, Fla., presiding

9:00 a.m.

NONSPECIFIC ULCERATIVE DISEASE OF THE COLON AND RECTUM IN THE OLDER PATIENT

ROBERT J. ROWE
and EDWARD EARLE
Dallas, Texas

Presentation by Dr. Rowe,

Chairman,
Section on Colon and Rectal Surgery

This paper will consist of approxi-

mately 18 patients with nonspecific ulcerative disease of the large bowel in patients over 50 years of age, over 50% of the group being over 60 years of age. Emphasis will be placed on the diagnosis of this type of disease (granulomatous vs true ulcerative colitis), surgical indications, and the lethal nature of this disease in the older patient.

9:30 a.m.

TREATMENT OF PROCIDENTIA OF THE RECTUM

H. GRAY CARTER
Dallas, Texas

The clinical differentiation of rectal procidentia and prolapse will be presented and the pathology discussed. The treatment of infantile and adult procidentia will be discussed and the author will present his technique for abdominal rectopexy and discuss various modifications of the technique.

9:50 a.m.

THE PROPHYLACTIC VALUE OF ANAL HYGIENE

LEON BANOVA, JR.
Charleston, S. C.

While oral hygiene and feminine hy-

giene are continually stressed, relatively little consideration is devoted to adequate anal hygiene. This paper cites the many ways to clean that area seldom mentioned in polite society. The question is posed: can proper anal hygiene reduce or, hopefully, prevent anorectal disorders?

10:05 a.m.

AMPUTATIVE HEMORRHOIDECTOMY

W. ANDREW HIBBERT, JR.
Austin, Texas

A method of radical hemorrhoidectomy for those patients with severe disease involving most or the entire anorectal outlet will be discussed.

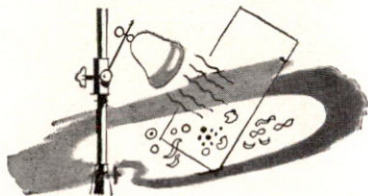
10:20 a.m.

INTERMISSION—VISIT EXHIBITS

10:50 a.m.

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

SECTION ON DERMATOLOGY



OFFICERS

Chairman
Vice-Chairman
Secretary

G. THOMAS JANSEN, *Little Rock, Ark.*
HIRAM M. STURM, *Atlanta, Ga.*
JOHN P. TINDALL, *Durham, N. C.*

SECTION HOSTS

COLEMAN JACOBSON
JOHN L. KESTEL, JR.



GUEST SPEAKER

WALTER B. SHELLEY
Philadelphia, Pa.

Chairman, Department of Dermatology, University of Pennsylvania School of Medicine.

Saturday, November 14, 7:00 p.m.

Home of Coleman Jacobson
7114 Royal Lane

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

Sunday, November 15, 9:00 a.m.

Parkland Memorial Hospital
Clinic Building

CLINICAL SESSION

Members of the Section on Dermatology are cordially invited to attend this live patient clinic, 9:00 a.m.-12:00 noon. After patient rounds have been made, a discussion session will be held.

Sunday, November 15, 7:00 p.m.

Dallas Hyatt House
Ballroom

Reception and dinner for members, wives, and guests of the Section on Dermatology, \$10 per person.

Monday, November 16, 8:00 a.m.

Children's Medical Center
Hugh Leslie Moore Auditorium
1935 Amelia Street

**ZOLA COOPER
CLINICOPATHOLOGIC SEMINAR**

8:00 a.m.

DEMONSTRATION SLIDES

Slides will be available for review by persons wishing to attend, but not registered, from 8:00-9:00 a.m.

9:00 a.m.

SEMINAR

Director:

JAMES W. BURKS,
New Orleans, La.

Co-Director:

HERBERT B. CHRISTIANSON,
New Orleans, La.

Secretary-Treasurer:

GEORGE A. FARBER,
New Orleans, La.

Moderator:

WALLACE H. CLARK, JR.,
Boston, Mass.

Guest Moderator:

LOUIS H. WINER,
Beverly Hills, Calif.

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

**MEDICAL ROUNDTABLE
LUNCHEON SESSION**

The Section on Dermatology is sponsoring

SECTION ON DERMATOLOGY

one table at this special session—Table No. 3. Tickets, \$4.25 each, must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

Monday, November 16, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 6

2:00 p.m.

**THE PATHOGENESIS OF
SARCOIDOSIS**

WALTER B. SHELLEY
Philadelphia, Pa.

Guest Speaker
Section on Dermatology

A review will be given of modern concepts concerning the nature of sarcoidosis. Special attention will be directed to experimental studies concerning production of sarcoidal lesions in animals.

2:30 p.m.

**TREATMENT OF SCLERODERMA
WITH DIMETHYLSULFOXIDE (DMSO)**

MARVIN F. ENGEL
Brunswick, Ga.

Twenty patients, ages 3 to 54 years, with scleroderma (morphea to systemic involvement), were treated with DMSO for up to one year. Results, subjective and objective, to therapy will be presented with supportive laboratory and histochemical studies.

2:50 p.m.

**THERAPEUTIC TRIALS WITH
TOPICAL VITAMIN A ACID**

THOMAS L. STANDLEE
and JOHN P. TINDALL
Durham, N. C.

Presentation by Dr. Standlee

Experiences with transretinoic acid (vitamin A acid), in the treatment of chronic dermatoses displaying abnormalities in keratinization will be presented. Indications, therapeutic benefits, and side effects will be reviewed.

3:15 p.m.

INTERMISSION—VISIT EXHIBITS

3:45 p.m.

**MODERN THERAPEUTIC APPROACH
TO MALIGNANT MELANOMA**

WILLIAM L. POOLE
Birmingham, Ala.

Management of malignant melanomas will be presented with emphasis on problems of diagnosis, reassessment of aggressive therapy and its ability to cure, effect of radical surgery and perfusion on the course, and follow-up of modern treatment and results in a large university complex.

4:05 p.m.

PINCH GRAFTS FOR LEG ULCERS

J. D. SMITH, W. R. HOLDER,
and EDGAR B. SMITH
Houston, Texas

Presentation by Dr. J. D. Smith

Split thickness pinch grafts were used to treat 17 patients with a total of 32 leg ulcers. The technique which is described in detail is simple and

safe. Preparation of the ulcer sites, the grafting procedure, and post-operative care will be emphasized.

4:25 p.m.

**PROGRESS IN SKIN AND SCALP
ALLOTRANSPLANTATION
(HOMOGRAFT)**

D. B. STOUGH, III
Hot Springs, Ark.

A brief review of current work in skin and scalp allotransplantation (homograft), will be presented. Investigations for the purpose of reducing or eliminating the rejection phenomena have been done using the punch graft procedure for various size cadaveric and live normal donor homografts.

Tuesday, November 17, 9:00 a.m.

Dallas Memorial Auditorium
Room No. 6

9:00 a.m.

BROWN RECLUSE SPIDER BITES

G. THOMAS JANSEN
Little Rock, Ark.

*Chairman
Section on Dermatology*

The necrotic bite of the brown recluse spider, now a widespread problem, has no standardized treatment of local or systemic toxic reactions. The rabbit, an excellent animal model, has been used for controlled study of standardized induced lesions, and all recognized treatment procedures evaluated.

9:30 a.m.

**EFFECT OF AN ANTIANDROGENIC
ORAL PROGESTIN, 6, 17 α -DIMETHYL-
6-DEHYDROPROGESTERONE (COL-
PRONE) ON ACNE VULGARIS**

HAROLD H. VARON
and R. NEAL SCHNEIDERMAN
Dallas, Texas

Presentation by Dr. Varon

The results of therapy of acne vulgaris in 108 women with an antiandrogenic oral progestin resulted in improvement in 95% of patients within 3 to 6 months. A minimum of adverse side effects of the oral contraceptive drugs were observed.

9:50 a.m.

**TREATMENT OF PSORIASIS BY
HYDROXYUREA (HYDREA)**

ULLIN W. LEAVELL, JR.,
and J. W. YARBRO
Lexington, Ky.

Presentation by Dr. Leavell

Hydroxyurea (Hydrea), has proven useful in the management of refractory psoriasis in a study of ten patients in a double-blind study with

placebo. Results will be given of a comparative study between hydroxyurea and amethopterin (Methotrexate), as well as hydroxyurea in aquaphor base applied locally.

10:15 a.m.

INTERMISSION—VISIT EXHIBITS

10:45 a.m.

PANEL DISCUSSION: CURRENT STATUS OF AMETHOPTERIN (METHOTREXATE) THERAPY FOR PSORIASIS

Moderator:

RAY O. NOOJIN,
Birmingham, Ala.

Panelists:

MARVIN E. CHERNOSKY,
Houston, Texas

PHILLIP FROST,
Miami, Fla.

HENRY W. JOLLY, JR.,
Baton Rouge, La.

11:35 a.m.

**BUSINESS MEETING,
SECTION ON DERMATOLOGY**

SECTION ON GASTROENTEROLOGY



Chairman
Vice-Chairman
Secretary

OFFICERS

JOHN T. FARRAR, *Richmond, Va.*
JOHN M. DIETSCHY, *Dallas, Texas*
JOHN T. GALAMBOS, *Atlanta, Ga.*

SECTION HOSTS

HERBERT A. BAILEY
JOHN M. DIETSCHY



GUEST SPEAKER

THOMAS P. ALMY
Hanover, N. H.

Professor and Chairman, Department
of Medicine, Dartmouth Medical
School.

Monday, November 16, 8:30 a.m.

Dallas Memorial Auditorium
Room No. 3

8:30 a.m.

A COMPARISON OF CLINICAL MEASUREMENTS OF GASTROESOPHAGEAL REFLUX

L. A. HOOTKIN
El Paso, Texas

L. J. BENZ, S. MARGULIES,
R. T. CAUTHORNE,
and T. R. HENDRIX
Baltimore, Md.

Presentation by Dr. Hootkin

Esophageal acid perfusion, while correlating well with symptoms of gastroesophageal reflux, indicates more specifically sensitivity of the esophagus to acid.

The pH probe determination of acid reflux and measurement of resting lower esophageal sphincter pressure indicate the efficacy and magnitude of the barrier to reflux between the stomach and esophagus.

Discussant:

G. GORDON McHARDY,
New Orleans, La.

8:45 a.m.

BILE AND TRYPSIN IN THE STOMACH FOLLOWING A TEST MEAL

J. WENGER and
C. G. TROWBRIDGE
Atlanta, Ga.

Presentation by Dr. Wenger

Bile is commonly recognized in the stomach at gastric intubation. Seven patients had tests for bile and trypsin in the gastric contents following a test meal. Four patients had bile and

trypsin present for two hours after the test meal; three had insignificant quantities present. Both bile and pancreatic enzymes in the stomach may cause injury to the gastric mucosa by different mechanisms, predisposing to gastritis and gastric ulceration.

Discussant:

MARION D. HARGROVE, JR.,
Shreveport, La.

9:00 a.m.

THE APPLICATION OF THE BARIUM-BURGER MOTILITY STUDY IN CLINICALLY SIGNIFICANT GASTRODUODENAL OBSTRUCTION NOT RECOGNIZED BY CONVENTIONAL ROENTGENOLOGIC STUDIES

HOWARD F. RASKIN
Baltimore, Md.

The Barium-Burger is a simple and reliable nonfluoroscopic method of documenting significant gastric and duodenal emptying problems not recognized by conventional gastro-duodenal barium studies.

Discussant:

E. CLINTON TEXTER, JR.,
Temple, Texas

9:15 a.m.

STEATORRHEA IN ISOLATED LACTASE DEFICIENCY

ROBERT E. RINGROSE,
JOHN B. THOMPSON, and
JACK D. WELSH
Guthrie, Okla.

Presentation by Dr. Ringrose

Fecal fat determinations in 26 isolated lactase deficiency (ILD), patients revealed steatorrhea in 11. Further study in eight of these patients revealed three whose steatorrhea cleared on a lactose-free diet (LFD). In five patients with steatorrhea on a LFD the addition of 50 grams per day of lactose caused a mean rise of 100% in the fecal fat.

Thus, lactose consumption by some ILD patients causes or augments steatorrhea. Lactose-induced osmotic dilution of intestinal contents and rapid transit time may play a significant role in the pathogenesis of this type of steatorrhea.

Discussant:

JOHN R. KELSEY,
Houston, Texas

9:30 a.m.

IMMUNOGLOBULINS AND THE GASTROINTESTINAL TRACT

ARVEY I. ROGERS
Miami, Fla.

The immunologically competent gastrointestinal tract is able to initiate and experience immune reactions. Some gastrointestinal diseases exhibit local and systemic autoimmune manifestations and respond favorably to immune-suppressant therapy. Immune deficiency states (selective or total), may be associated with altered gastrointestinal tract structure and/or function. The discovery of an immunoglobulin unique to the gastrointestinal tract (IgA), offers many challenges concerning this organ's role in normal and abnormal immunologic states.

Discussant:

CHARLES H. BROWN,
Cleveland, Ohio

9:45 a.m.

EFFECT OF EXOGENOUS SECRETIN ON SERUM INSULIN LEVELS IN PATIENTS WITH PANCREATIC DISEASE

RAYMOND B. JOHNSON,
JOHN SABOL,
DAVID M. McCANCE,
JONAS SODE,
and WILLIAM M. LUKASH
Bethesda, Md.

Presentation by Dr. Johnson

This study suggests that following

pharmacologic doses of secretin, exocrine and endocrine responses in patients with pancreatic disease can be discordant. Immunoreactive insulin dynamics following secretin were compatible with release of a single preformed insulin pool. The observed insulin half-life was comparable to that reported by others for endogenous insulin in man.

Discussant:

PAUL D. WEBSTER, III,
Augusta, Ga.

10:00 a.m.

INTERMISSION—VISIT EXHIBITS

10:30 a.m.

THE INDIVIDUAL VERSUS THE STATISTICAL POPULATION

JOHN T. FARRAR
Richmond, Va.

Chairman
Section on Gastroenterology

10:45 a.m.

ENHANCEMENT OF VITAMIN B₁₂ ABSORPTION BY CHOLESTYRAMINE

JERRY G. SPENNEY and
BASIL I. HIRSCHOWITZ
Birmingham, Ala.

Presentation by Dr. Spenny

In six normal individuals standard Schilling test yielded 20.1% excretion of radioactivity in 24 hours. In another Schilling test, during administration of 16 gm cholestyramine per day, excretion of radioactivity increased to 40% per 24 hours. In a patient with inactive Crohn's disease of mild extent, excretion increased from 9% to 20%, while in two patients with extensive active disease, excretion decreased from 10% to 5% with the resin. This suggests that bile salts, per se, may interfere with intestinal absorption of vitamin B₁₂.

Discussant:

EUGENE R. SCHIFF,
Miami, Fla.

11:00 a.m.

CHOLESTYRAMINE THERAPY FOR NONSPECIFIC DIARRHEA IN VIET NAM

RANDOLPH M. McCLOY
Memphis, Tenn.

ALAN F. HOFMANN
Rochester, Minn.

Presentation by Dr. McCloy

Thirty-one U. S. soldiers with severe diarrhea of indeterminate origin showed no clinical differences in their response to treatment with cholestyramine or placebo. Subsequent clinical improvement with antibiotics suggests that the etiology of this nonspecific diarrhea is of microbial origin, rather than due to excess bile acid production.

Discussant:

MARTIN H. KALSER,
Miami, Fla.

11:15 a.m.

A NEW AND SIMPLE TEST TO AID IN THE DIFFERENTIATION OF EXTRAHEPATIC BILIARY ATRESIA FROM NEONATAL HEPATITIS

J. R. POLEY, P. ALAUPOVIC,
D. SEIDEL, and W. J. McCONATHY
Oklahoma City, Okla.

Presentation by Dr. Poley

The basis of this test is the immunoelectrophoretic detection of a serum low-density lipoprotein of unusual composition (LP-X). LP-X is always present in infants with extrahepatic biliary atresia and absent in 95% of infants with neonatal hepatitis.

Discussant:

KERMIT B. KNUDSEN,
Temple, Texas

11:30 a.m.

**AUSTRALIA (Au/SH) ANTIGEN IN
HEPATITIS**

THEODORE HERSH, RAJ K. GOYAL,
F. BLAINE HOLLINGER, and
JOSEPH L. MELNICK, Ph.D.

Houston, Texas

Presentation by Dr. Hersh

Australia (Au/SH) antigen was studied in patients with viral hepatitis and with other liver diseases. Sixty percent of those with serum hepatitis, 28% with infectious hepatitis, and 35% with chronic active hepatitis were positive for the Au/SH antigen. Seven of 350 blood donors tested were positive for Au/SH antigen.

Discussant:

JOHN T. GALAMBOS,
Atlanta, Ga.

11:45 a.m.

**BUSINESS MEETING,
SECTION ON GASTROENTEROLOGY**

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

**MEDICAL ROUNDTABLE
LUNCHEON SESSION**

The Section on Gastroenterology is sponsoring six tables at this special session—Tables No. 4, 5, 6, 7, 8, and 32. Tickets, \$4.25 each, must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

SECTION ON GASTROENTEROLOGY

Monday, November 16, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
Gastroenterology
Colon and Rectal Surgery
Surgery**

2:00 p.m.

SOME NEGLECTED BASIC SCIENCES

THOMAS P. ALMY
Hanover, N. H.

Guest Speaker
Section on Gastroenterology

2:30 p.m.

**ANTIPERISTALTIC JEJUNAL SEG-
MENTS FOR CONTROL OF THE
DUMPING SYNDROME AND POST-
VAGOTOMY DIARRHEA**

JOHN L. SAWYERS and
J. LYNWOOD HERRINGTON, JR.
Nashville, Tenn.

Presentation by Dr. Sawyers

Experience in controlling disabling symptoms of the dumping syndrome and/or postvagotomy diarrhea by insertion of an antiperistaltic jejunal segment has been obtained in 25 patients. This operation has been beneficial for the rare patient with severe dumping and/or postvagotomy diarrhea which is intractable to diet changes and other medical therapy.

Discussant:

J. SPALDING SCHRODER,
Atlanta, Ga.

2:45 p.m.

**PREVENTION OF SMALL BOWEL
CONTAMINATION BY ILEOCECAL
VALVE**

WARD O. GRIFFEN, JR.,
J. D. RICHARDSON, and
E. SCOTT MEDLEY
Lexington, Ky.

Presentation by Dr. Griffen

Clinically, patients requiring massive small resections do better if the ileocecal valve remains after the resection. Most of the emphasis in the past has been on transit times with the basic concept that the ileocecal valve allows a longer exposure time between nutrients and absorptive small bowel surface. The study is directed not only at transit time but at bacterial contamination as the reason for less effective postoperative nutrition when the ileocecal valve must be resected.

Discussant:

JAMES L. ACHORD,
Atlanta, Ga.

3:00 p.m.

INTERMISSION—VISIT EXHIBITS

3:30 p.m.

**CLINICAL APPLICATION OF A CIR-
CULATING TUMOR SPECIFIC ANTI-
GEN (CEA) IN CARCINOMA OF THE
COLON**

J. SERGE LeBEL,
SHARAD DEODHAR, and
CHARLES H. BROWN
Cleveland, Ohio

Presentation by Dr. LeBel

A radio-immunoassay capable of detecting a circulating tumor specific antigen (CEA), in the serum of patients with gastrointestinal carcinoma was reported by Dr. Phil Gold et al, and was found specific for carcinoma of the colon. In a study of 300 cases, the authors attempted to duplicate

the procedure; results will be reported.

Discussant:

GEORGE E. WELCH,
New Orleans, La.

**SYMPOSIUM ON INFLAMMATORY
DISEASE OF THE LARGE BOWEL**

Moderator:

JULIAN M. RUFFIN,
Durham, N. C.

4:00 p.m.

LINCOMYCIN COLITIS

FRED E. PITTMAN
and MRS. JOAN C. PITTMAN
Charleston, S. C.

Presentation by Dr. Pittman

A colitis, which may be difficult to distinguish clinically, sigmoidoscopically, and radiographically from acute, nonspecific ulcerative colitis, has been observed in 16 patients following treatment orally with the antibiotic, lincomycin. All patients have responded rapidly and favorably to medical therapy. There have been no exacerbations. Light and electron microscopy of colonic mucosal biopsies have revealed pathological alterations which assist in the differentiation of lincomycin colitis from non-specific colitis.

4:10 p.m.

**PROGNOSIS OF ULCERATIVE AND
GRANULOMATOUS COLITIS: A
MEDICAL VIEW**

MARCEL PATTERSON
Galveston, Texas

The course of ulcerative colitis remains strangely unpredictable in the individual patient, but three findings suggest a poor prognosis. These are: a severe initial attack; total colon involvement; and early or very late age of onset. The author's experience, as well as that of others, will be reviewed.

4:20 p.m.

PROGNOSIS OF ULCERATIVE AND GRANULOMATOUS COLITIS: A SURGICAL VIEW

ALFRED HURWITZ
Miami Beach, Fla.

In about 20% of the patients with granulomatous colitis, segmental resection and anastomosis has been performed with approximately 50% exhibiting a long-term cure or palliation. When ileostomy and colectomy in ulcerative colitis and granulomatous disease are compared, the results have usually favored the former. The difficulty in differentiating between these two disease entities is a real one and in some cases, both diseases seem to coexist.

4:30 p.m.

OBSERVATIONS ON PARENTERAL ALIMENTATION

DUANE G. HUTSON
and ROBERT ZEPPA
Miami, Fla.

Presentation by Dr. Hutson

A technique is now available by which total parenteral nutrition can be accomplished. This regimen has been used in 20 cases with varying nutritional problems. The results of this experience with regard to indication, complications, and techniques will be discussed.

Discussant:

DONALD F. MARION,
Miami, Fla.

Monday, November 16, 7:00 p.m.

Chaparral Club, Paisano Room
Southland Center, 36th Floor

Social hour for members, wives, and guests of the Sections on Gastro-

enterology and Medicine. Tickets, \$7.50 per person (includes beverages and hor d'oeuvres), will be sold in the SMA registration area, Dallas Memorial Auditorium.

Tuesday, November 17, 8:30 a.m.

Children's Medical Center
Hugh Leslie Moore Auditorium
1935 Amelia Street

CLINICAL SESSION

**Postgraduate Course
in Gastroenterology**

**Sponsored by the Sections on
Gastroenterology
Medicine**

8:30 a.m.

TRANSPORTATION—Bus leaves Fairmont Hotel promptly at 8:30 a.m.

Shuttle buses will be operating between the major downtown hotels and the Dallas Memorial Auditorium, 7:30 a.m.-6:00 p.m. Ride a shuttle bus to the Fairmont Hotel, then take the special bus to the Clinical Session at 8:30 a.m. No parking facilities are available at the Children's Medical Center for private cars.

9:00 a.m.

WELCOMING AND INTRODUCTORY REMARKS

CHARLES C. SPRAGUE
and JOHN M. DIETSCHY
Dallas, Texas

9:10 a.m.

THE DIFFERENTIAL APPROACH TO CLINICAL PROBLEMS OF MALABSORPTION AND STEATORRHEA

JOHN M. DIETSCHY
Dallas, Texas

10:10 a.m.

COFFEE BREAK

10:25 a.m.

**THE DIFFERENTIAL APPROACH TO
CLINICAL PROBLEMS OF CHRONIC
DIARRHEA AND BOWEL
DYSFUNCTION**

JOHN S. FORDTRAN
Dallas, Texas

11:20 a.m.

**SPECIAL DIAGNOSTIC AND THERA-
PEUTIC PROBLEMS RELATED TO
CHRONIC INFLAMMATORY BOWEL
DISEASE—ULCERATIVE COLITIS
AND REGIONAL ENTERITIS**

DANIEL POLTER
Dallas, Texas

12:00 noon-2:00 p.m.

LUNCH BREAK

TRANSPORTATION—Bus leaves promptly at 12:00 noon to take physicians attending the Clinical Session to the Fairmont Hotel for lunch. Bus will leave the Fairmont Hotel promptly at 1:40 p.m. to return to the Children's Medical Center for the afternoon Clinical Session.

2:00 p.m.

**DIAGNOSTIC AND THERAPEUTIC
PROBLEMS IN DIVERTICULAR
DISEASE OF THE COLON**

THOMAS P. ALMY
Hanover, N. H.

Guest Speaker
Section on Gastroenterology

2:40 p.m.

**CLINICAL PROBLEMS ASSOCIATED
WITH MASSIVE HEPATIC NECROSIS**

BURTON COMBES
Dallas, Texas

3:30 p.m.

COFFEE BREAK

3:45 p.m.

**CURRENT STATUS OF AUSTRALIAN
ANTIGEN IN THE DIAGNOSIS OF
LIVER DISEASE**

JAMES SHOREY
Dallas, Texas

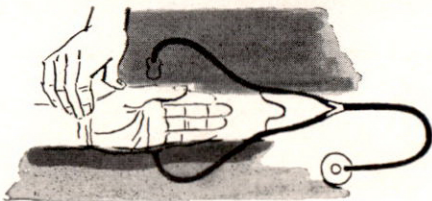
4:15 p.m.

**DISCUSSION, QUESTIONS, AND
ANSWERS**

5:00 p.m.

TRANSPORTATION—Bus returns to Fairmont Hotel.

SECTION ON GENERAL PRACTICE



Chairman
Chairman-Elect
Secretary
Assistant Secretary

OFFICERS

WILLIAM W. COTTRELL, *Winter Haven, Fla.*
WILLIAM J. REID, *Greensboro, N. C.*
GILBERT M. KINZER, *Huntsville, Ala.*
ROBERT SCHIAVONE, *Louisville, Ky.*

SECTION HOSTS

NARD LAIR
WILLIAM C. WOODARD



GUEST SPEAKER

GEORGE A. CONSTANT
Victoria, Texas

Chief of Staff, Citizens Memorial Hospital; Visiting Lecturer, Department of Neuropsychiatry, University of Texas Medical Branch.

Monday, November 16, 9:00 a.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
Radiology
General Practice
Pediatrics
Surgery**

See Program on Page 97

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

MEDICAL ROUNDTABLE LUNCHEON SESSION

The Section on General Practice is sponsoring three tables at this special session—Tables No. 9, 10, and 11. Tickets, \$4.25 each, must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

Monday, November 16, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 5

**A Joint Meeting of the Sections on
Plastic and Reconstructive Surgery
General Practice**

See Program on Page 94

Tuesday, November 17, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
Pathology
General Practice
Gynecology
Obstetrics
Pediatrics**

See Program on Page 85

Tuesday, November 17, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
Obstetrics
Anesthesiology
General Practice
Gynecology**

See Program on Page 61

Wednesday, November 18, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 3

8:00 a.m.

LOW BACK MECHANICAL DISORDERS INCLUDING DISC SYNDROME
—(film)

EUGENE MARSHALL REGEN, SR.
Nashville, Tenn.

The author will present his experience in the treatment of the low lumbar disc syndrome and other mechanical disorders of the low back. Emphasis is on nonoperative treatment and ways and means of avoid-

ing the common pitfalls of operative treatment will be presented.

Discussant:

ROBERT O. DENTON,
Huntsville, Ala.

9:00 a.m.

FEDERAL INCOME TAXES AND THE PHYSICIAN

CHARLES R. SMITH, JR., J.D., LL.M.
Huntsville, Ala.

This paper will consist of a discussion of federal income taxes as they pertain to physicians and will include subtopics such as professional associations, the maximum tax bracket of 50% on certain income, and how to obtain adequate advice on federal tax matters.

9:30 a.m.

QUESTION AND ANSWER PERIOD

9:45 a.m.

**END OF SECTION MEETING.
ADJOURN TO SMA SECOND
GENERAL SESSION,
ROOM NO. 5.**

Wednesday, November 18, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
General Practice
Neurology and Psychiatry**

2:00 p.m.

THE UNNAMED GENERATION: ITS PROBLEMS AND PERSPECTIVES

GEORGE A. CONSTANT
Victoria, Texas

Guest Speaker
Section on General Practice

Our present generation so far has

gone unnamed. We had the flaming twenties, the desperate thirties, the warring forties, the filthy fifties, and the turbulent sixties. Could it be that this generation might be the peace-seekers or the last Americans. This symposium has been designed for the purpose of how to care for your young patients as part of your office practice, and what happens to those who need residential care.

2:30 p.m.

OFFICE TREATMENT OF ADOLESCENT PROBLEMS BY THE NON-PSYCHIATRIC PHYSICIAN

JACK R. GORDON
Victoria, Texas

This paper deals with the management of specific problems of adolescence that nonpsychiatric physicians might encounter in the office. The role of the primary physician in assessing the adolescent's problem is paramount in the overall outcome of the case. Diagnostic categories will be discussed so that the physician can approach the often confused and disorganized situation in a logical and concise manner.

3:00 p.m.

ROLE OF THE RESIDENTIAL TREATMENT CENTER IN THE TREATMENT OF CHILDREN AND ADOLESCENTS WITH EMOTIONAL PROBLEMS

JOHN F. QUACKENBUSH, Ph.D.
Victoria, Texas

The purpose of this paper is primarily to provide for the physician an overview of the general nature and function of the residential treatment center for the emotionally disturbed and mentally retarded child who is having emotional difficulties. The primary focus will be on the characteristics of the environmental milieu, illustrated by the examination of the experiences of the residential treatment center of students during their enrollment.

3:30 p.m.

INTERMISSION—VISIT EXHIBITS

4:00 p.m.

PANEL DISCUSSION: ADOLESCENT PSYCHIATRIC PROBLEMS

Moderator:

GILBERT M. KINZER,
Huntsville, Ala.

Panelists:

GEORGE A. CONSTANT,
Victoria, Texas

JACK R. GORDON,
Victoria, Texas

JOHN F. QUACKENBUSH, Ph.D.,
Victoria, Texas

The panel will discuss the three papers and entertain questions from the audience.

4:45 p.m.

**BUSINESS MEETING,
SECTION ON GENERAL PRACTICE**

Thursday, November 19, 9:00 a.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
General Practice
Medicine**

9:00 a.m.

PRACTICAL APPLICATIONS OF PROLONGED ELECTROCARDIOGRAPHIC MONITORING

WALLACE B. FRIERSON
and TULLIO R. FIGAROLA
Huntsville, Ala.

Presentation by Dr. Figarola

Prolonged electrocardiographic monitoring utilizing the Holter portable

electrocardiometer and scanner in the NASA Occupational Health Program, Marshall Space Flight Center, to determine work abilities, to compare results of dynamic EKG recording, exercise testing, and their value to a large industrial program will be discussed.

9:30 a.m.

PERMANENT CARDIAC PACE-MAKERS

EDWARD R. DORNEY
Atlanta, Ga.

The author will discuss the indications for the use of permanent pacemakers, the types of pacemakers available, and the problems associated with and indications for each type of pacemaker.

10:00 a.m.

EVALUATION AND MANAGEMENT OF CARDIAC ARRHYTHMIAS IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION

E. ALAN PAULK, JR.
Atlanta, Ga.

Numerous arrhythmias are seen in patients with acute myocardial infarction. While many of these arrhyth-

mias are of little hemodynamic or prognostic significance, currently available antiarrhythmic agents can produce significant myocardial depression. Helpful clues with which to recognize potentially dangerous rhythm disturbances will be discussed as well as an approach to management of these arrhythmias.

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

PANEL DISCUSSION: ELECTROCARDIOGRAPHIC MONITORING, PACE-MAKERS, AND ARRHYTHMIAS

Moderator:

WILLIAM W. COTTRELL,
Winter Haven, Fla.

Panelists:

EDWARD R. DORNEY,
Atlanta, Ga.

TULLIO R. FIGAROLA,
Huntsville, Ala.

E. ALAN PAULK, JR.,
Atlanta, Ga.

The panel will discuss the three papers and entertain questions from the audience.

NOTICE

THIS PROGRAM IS ACCEPTABLE FOR 21 ELECTIVE HOURS BY
THE AMERICAN ACADEMY OF GENERAL PRACTICE.

SECTION ON GYNECOLOGY



OFFICERS

Chairman

HERBERT H. THOMAS, *Birmingham, Ala.*

Chairman-Elect

DAVID L. BARCLAY, *Little Rock, Ark.*

Secretary

E. EARLE DILWORTH, *Shreveport, La.*

SECTION HOST

JULIAN A. WELLS



GUEST SPEAKER

ROBERT W. KISTNER

Brookline, Mass.

Assistant Professor of Obstetrics and
Gynecology, Harvard Medical School.

SOUTHERN GYNECOLOGICAL AND OBSTETRICAL SOCIETY

16TH ANNUAL MEETING

in cooperation with the
Southern Medical Association

November 16

Dallas Memorial Auditorium
Dallas, Texas

Members and guests of the
Section on Gynecology
cordially invited.

See Program on page 127

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

MEDICAL ROUNDTABLE LUNCHEON SESSION

The Section on Gynecology is sponsoring two tables at this special session—Tables No. 12 and 13. Tickets, \$4.25 each, must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

Monday, November 16, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 9

2:00 p.m.

**COMPARATIVE EFFICIENCY OF TWO
STEROID ESTROGEN COMPOUNDS
IN PATIENTS WITH SIGNS AND
SYMPTOMS OF THE MENOPAUSE**

HARVEY LOZMAN
Miami Springs, Fla.

A double-blind crossover study involving 168 patients treated for the menopausal syndrome with conjugated estrogenic substances (Premarin), or piperazine estrone sulfate (Ogen), will be reported. A significant difference in the two drugs was discovered.

Discussant:

ROBERT E. BADWEY,
Silver Spring, Md.

2:25 p.m.

**THE IMPORTANCE OF ENDOSCOPY
IN THE EVALUATION OF THE
ENDOCRINE PATIENT**

V. C. BUTTRAM, JR.,
L. RUSSELL MALINAK,
PAIGE BESCH, Ph.D.,
and ROBERT R. FRANKLIN
Houston, Texas

Presentation by Dr. Malinak

Endoscopic visualization of the ovaries proved the appearance of the ovaries was important in accurate diagnosis, selection of proper therapy, and in determining prognosis in anovulatory or oligo-ovulatory patients with various endocrinologic disorders.

Discussant:

HERBERT H. THOMAS,
Birmingham, Ala.

2:50 p.m.

**GYNECIC AND NON-GYNECIC PELVIC
PAIN: ETIOLOGY AND MANAGEMENT**

WILLIAM F. GUERRIERO,
CHARLES P. GUERRIERO, III,
JOHN A. STUART, JR., and
R. DONALD EDWARD
Dallas, Texas

Presentation by Dr. W. F. Guerriero

The neuroanatomy and physiology of pelvic pain in relationship to the etiology and management will be presented. With consideration of these factors, one can approach the management of gynecic and non-gynecic pelvic pain with a standard of care which will benefit the patient more than a casual approach.

Discussant:

WOODARD D. BEACHAM,
New Orleans, La.

3:15 p.m.

INTERMISSION—VISIT EXHIBITS

3:45 p.m.

**USE OF PITUITARY GONADOTRO-
PINS FOR INDUCTION OF
OVULATION**

B. R. RIMER
Baltimore, Md.

The effectiveness of a pituitary gonadotropic substance (Humegon), derived from postmenopausal urine extracts for the induction of ovulation in selected cases of infertility caused by pituitary insufficiency is the major object of this evaluation. Three categories of patients were selected: those with low FSHs or pituitary deficiency; those with normal FSHs but lack of ovarian function; those with primary ovarian failure and subsequent high FSHs.

Discussant:

J. F. HULKA,
Chapel Hill, N. C.

4:10 p.m.

EARLY DIAGNOSIS AND MANAGEMENT OF PREMALIGNANT LESIONS AND EARLY INVASIVE CANCERS OF THE VULVA

ROBERT R. HUGHES
Memphis, Tenn.

The methods of early diagnosis and management of the spectrum of lesions of the vulva from premalignant through invasion will be detailed. Toluidine staining of chronic lesions points out a site for biopsy and often demonstrates multicentric disease. Individualization of treatment will be demonstrated.

Discussant:

CREIGHTON L. EDWARDS,
Dallas, Texas

4:35 p.m.

**BUSINESS MEETING,
SECTION ON GYNECOLOGY**

Tuesday, November 17, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
Pathology
General Practice
Gynecology
Obstetrics
Pediatrics**

See Program on Page 85

Tuesday, November 17, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 8

SECTION ON GYNECOLOGY

**A Joint Meeting of the Sections on
Obstetrics
Anesthesiology
General Practice
Gynecology**

See Program on Page 61

Wednesday, November 18, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 8

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

8:00 a.m.

**PANEL DISCUSSION: THE USE OF
ESTROGEN IN THE PERIMENOPAUSAL
AND POSTMENOPAUSAL
FEMALE**

Moderator:

CHARLES E. FLOWERS, JR.,
Birmingham, Ala.

Panelists:

ROBERT R. FRANKLIN,
Gynecologist,
Houston, Texas

ROBERT W. KISTNER,
Gynecologist,
Brookline, Mass.,
Guest Speaker,
Section on Gynecology

DAVID P. LAULER,
Internist,
Boston, Mass.,
Guest Speaker,
Section on Medicine

HAROLD H. VARON,
Internist,
Dallas, Texas

9:45 a.m.

**END OF SECTION MEETING.
ADJOURN TO SMA SECOND
GENERAL SESSION,
ROOM NO. 5.**

**SECTION ON
INDUSTRIAL MEDICINE
AND SURGERY**



OFFICERS

Chairman

DANIEL R. STORTS, *Tulsa, Okla.*

Secretary

PIERRE A. ESPENAN, *New Orleans, La.*

Assistant Secretary

TOM S. HOWELL, JR., *Atlanta, Ga.*

SECTION HOST

TOM L. LAUDERDALE



GUEST SPEAKER

JEAN SPENCER FELTON
Los Angeles, Calif.

Director, Occupational Health Service Department of Personnel, County of Los Angeles.

Monday, November 16, 9:00 a.m.

Dallas Memorial Auditorium
Room No. 5

**A Joint Meeting of the Sections on
Industrial Medicine and Surgery
Neurology and Psychiatry
Physical Medicine and Rehabilitation
Plastic and Reconstructive Surgery**

9:00 a.m.

**CLEFT PALATE AND THE PERSON:
PSYCHOLOGICAL STUDIES OF
IMPACT**

EDWARD CLIFFORD, Ph.D.
Durham, N. C.

The results of several psychological studies of the impact of cleft palate will be reported presenting the following types of information: effects upon parents of giving birth to cleft palate babies; effects upon adolescents of having cleft lip and/or palate; a follow-up study of adults whose clefts had been repaired at an early age. While reactions to cleft palate are somewhat diverse, a composite picture of the cleft palate patient begins to emerge. This composite will be discussed in terms of the rehabilitative efforts available and in terms of the anomaly itself.

9:20 a.m.

MOTIVATIONAL PATTERNS AND PSYCHIATRIC ASPECTS OF PLASTIC SURGERY PATIENTS

MILTON T. EDGERTON, JR.
Charlottesville, Va.

Guest Speaker
Section on Plastic and
Reconstructive Surgery

Patients seek plastic surgery for different reasons—gross deformity, functional loss of limb or feature, minor deformity with severe emotional impact, and major or minor deformity in patients with unrealistic expectations associated with major psychopathology. The referring physicians and plastic surgeons need clinical methods to sort out these requests and anticipate the prognosis for improvement if plastic surgery is undertaken. A classification of motivational patterns and criteria for the use of surgery will be offered.

Discussant:

GILBERT B. SNYDER,
Miami, Fla.

9:50 a.m.

HAND INJURIES: PSYCHIATRIC CONSIDERATIONS

NORMAN J. KNORR and
MILTON T. EDGERTON, JR.
Charlottesville, Va.

Presentation by Dr. Knorr

An evaluation of the psychiatric aspects of persons with hand injuries in the pre- and posttrauma periods will be presented.

Discussant:

CHARLES E. WELLS,
Nashville, Tenn.

10:15 a.m.

THE IMPORTANCE OF BODY IMAGE AS A PROGNOSTICATOR FOR GAIN-

ING INDEPENDENCE IN HEMIPLEGIC PATIENTS

PHILIP J. BACH,
H. W. TRACY,
and JANET HUSTON, R. N.
Charlotte, N. C.

Presentation by Dr. Bach

In a study of hemiplegic patients treated at the Charlotte Rehabilitation Hospital it has been found that no patients who lack body image have become independent in dressing and ambulation. It is felt that the "self portrait" method is a good tool for evaluation of body image, and that it can demonstrate confusion or denial that is not readily apparent. In general, patients with left hemiplegia have a greater loss of body image than right hemiplegics.

Discussant:

CHARLES E. WELLS,
Nashville, Tenn.

10:45 a.m.

INTERMISSION—VISIT EXHIBITS

11:15 a.m.

A PROFILE OF THE DRUG-DEPENDENT PATIENT

JAMES S. CHEATHAM
Chattanooga, Tenn.

The author will present a review of a series of patients addicted to or dependent upon various minor tranquilizer and muscle relaxant drugs. Emphasis will be placed on the nature of the mental and physical disturbances associated with the development of drug dependency, dangers of cross-dependency, and treatment of such cases, both from the medical and psychiatric standpoint.

Discussant:

W. E. FANN,
Nashville, Tenn.

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

**MEDICAL ROUNDTABLE
LUNCHEON SESSION**

The Section on Industrial Medicine and Surgery is sponsoring one table at this special session—Table No. 14. Tickets, \$4.25 each, must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

Monday, November 16, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 1

**A Joint Meeting of the Sections on
Industrial Medicine and Surgery
Physical Medicine and Rehabilitation**

2:00 p.m.

**CURRENT THERAPY OF THERMAL
INJURY**

BASIL A. PRUITT
Fort Sam Houston, Texas

A significant reduction in the mortality from thermal injury has resulted from changes in the therapy of burn shock, the control of burn wound sepsis with topical chemotherapeutic agents, and effecting earlier wound closure utilizing homografts or heterografts. The techniques and results of these and other therapeutic adjuncts will be discussed.

2:25 p.m.

ELECTRICAL BURNS

CHARLES R. BAXTER
Dallas, Texas

The treatment of electrical injury em-

phasizes the dissimilarity of high voltage injury to thermal burns. The management of the patient during the initial shock phase, the methods of management employed in the care of entry and exit wounds, arc burns, and associated thermal injury, the early and late complications of electrical injury, and the sequelae peculiar to electrical injury will be presented.

2:55 p.m.

ELECTROMYOGRAPHY IN ELECTRICAL AND THERMAL BURNS

BILLY BROWN HOOVER
Dallas, Texas

Maintenance or reestablishing range of motion and coordinated motion in thermally injured patients is a frequent and difficult problem. Serial electromyographic changes suggest that impaired conduction in peripheral nerves frequently contribute to these problems in the large thermal injuries. More significantly, electrical injuries show a high incidence of spinal cord damage as well as peripheral neuropathy.

3:15 p.m.

INTERMISSION—VISIT EXHIBITS

3:45 p.m.

**PREVENTION AND TREATMENT OF
BURN SCAR FORMATION**

DUANE L. LARSON, SALLY ABSTON,
MARIO DOBRKOVSKY,
HUGO LINARES,
and WARD KISCHER, Ph.D.
Galveston, Texas

Presentation by Dr. Larson

Recent clinical experience with large numbers of seriously injured burn patients indicate a markedly reduced incidence of scar contracture formation by the use of skeletal traction

during the initial phase of care. The subsequent hypertrophic scar formation and contractures which commonly accompany the recovery phase are markedly reduced by pressure dressings. When late contractures do occur, continuous traction results in readjustment of the collagen fibers without operation.

4:05 p.m.

THE PREVENTION OF DEFORMITIES FOLLOWING SEVERE BURNS

GEORGE H. KOEPKE
Ann Arbor, Mich.

Guest Speaker
Section on Physical Medicine
and Rehabilitation

Physical impairments that follow extensive burns can be lessened by a dynamic program of surgical care supplemented with prophylactic measures to include appropriate exoskeletal positioning of burned body segments, judicious splinting, therapeutic exercise, and early activity.

4:25 p.m.

PANEL DISCUSSION OF PREVIOUS PAPERS

Moderators:

CHARLES R. BAXTER,
Dallas, Texas

JOHN R. SHULL,
Dallas, Texas

Panelists:

BILLY BROWN HOOVER,
Dallas, Texas

DUANE L. LARSON,
Galveston, Texas

GEORGE H. KOEPKE,
Ann Arbor, Mich.

BASIL A. PRUITT,
Fort Sam Houston, Texas

Tuesday, November 17, 8:30 a.m.

Dallas Memorial Auditorium
Room No. 5

A Joint Meeting of the Sections on Surgery Industrial Medicine and Surgery Plastic and Reconstructive Surgery

See Program on Page 104

Tuesday, November 17, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 1

2:00 p.m.

A SYSTEMATIC ROUTINE FOR THE INDUSTRIAL LOW BACK PAIN

E. R. RICHARDSON
Dallas, Texas

The early complaint—how an individual received his injury, past history, and initial examination, as well as early management, shall be discussed. Possible further clinical evaluation and management as indicated by response, x-ray, etc., will be presented.

2:20 p.m.

THE ROLE OF AUTOMATED MULTI-PHASIC HEALTH TESTING SERVICES IN INDUSTRIAL MEDICINE

WILLIAM A. CHERRY
and J. T. HAMRICK
New Orleans, La.

Presentation by Dr. Cherry

Some definite uses and some possible uses of multiphasic health screening

techniques in the delivery of industrial medical care will be presented. As an example, audiometric screening gives base line data on hearing, and subsequent annual screening could show the effect of industrial noise levels on hearing.

2:40 p.m.

ADVOCACY FOR THE HEALTH OF SOCIETY: THE TRUE PURPOSE OF THE PREPLACEMENT PHYSICAL EXAMINATION

JEAN SPENCER FELTON
Los Angeles, Calif.

Guest Speaker
Section on Industrial Medicine
and Surgery

The objectives of the preplacement physical examination need restructuring in keeping with changing demands of society and the new trends in the utilization of employees new to the industrial scene.

Discussant:

ROBERT J. POTTS,
Dallas, Texas

3:25 p.m.

INTERMISSION—VISIT EXHIBITS

3:55 p.m.

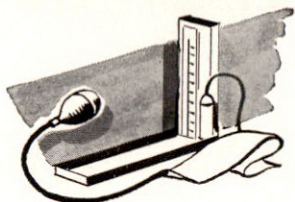
**BUSINESS MEETING,
SECTION ON INDUSTRIAL
MEDICINE AND SURGERY**

Tuesday, November 17, 6:00 p.m.

Lancer's Club
Top L.T.V. Tower

Social hour for members, wives, and guests of the Section on Industrial Medicine and Surgery, 6:00-9:00 p.m. Tom L. Lauderdale, host.

SECTION ON MEDICINE



OFFICERS

Chairman

CHARLES K. DONEGAN, *St. Petersburg, Fla.*

Chairman-Elect

ROBERT A. KREISBERG, *Birmingham, Ala.*

Vice-Chairman

JOSEPH T. PAINTER, *Houston, Texas*

Secretary

EDWIN C. EVANS, *Atlanta, Ga.*

SECTION HOST

PORTER K. MASON



GUEST SPEAKER

DAVID P. LAULER

Boston, Mass.

Director, Endocrine Metabolic Unit, Peter Bent Brigham Hospital; Assistant Professor of Medicine, Harvard Medical School.

Monday, November 16, 8:30 a.m.

Dallas Memorial Auditorium
Room No. 7

SYMPOSIUM ON ANTIMICROBIAL AGENTS

Moderator:

GEORGE A. PANKEY,
New Orleans, La.

8:30 a.m.

MECHANISMS OF ACTION OF ANTIMICROBIAL AGENTS

RICHARD E. DuBOIS
Atlanta, Ga.

Our understanding of antimicrobial

actions has emerged from the dark ages to the middle ages. It is likely that clinical decisions in the future will require an understanding of these mechanisms in order to take advantage of all possible synergistic activities and reduce toxicity to a minimum.

9:05 a.m.

TYPES OF RESISTANCE TO ANTI- MICROBIAL AGENTS

JAY P. SANFORD

Dallas, Texas

Bacterial drug resistance is an increasingly important cause for failure of chemotherapy. Drug resistance can be classified as natural, acquired, or transferred ("infectious"). This latter type of resistance has been recog-

nized recently as a major clinical problem. Mechanisms and significance will be discussed.

9:20 a.m.

MAJOR TOXIC EFFECTS OF THE COMMONLY USED ANTIMICROBIAL AGENTS

ROBERT S. ABERNATHY
Little Rock, Ark.

Toxicities of the commonly used antibiotics will be reviewed. Emphasis will be given to metabolic and excretory pathways for the most toxic agents—aminoglycosides, polymyxins, tetracyclines, cephalosporins, amphotericin B—so that dosage schedules can be rationally designed to avoid toxicity in specific patients.

9:40 a.m.

THE APPROACH TO ANTIMICROBIAL THERAPY OF URINARY TRACT INFECTIONS

RALPH R. TOMPSETT
Dallas, Texas

The author will introduce a discussion of common problems in the management of urinary tract infections. The most commonly encountered microorganisms will be reviewed and the usefulness of the various antimicrobial agents will be outlined. The management of indwelling catheters will also be considered.

10:00 a.m.

INTERMISSION—VISIT EXHIBITS

10:30 a.m.

ANTIMICROBIAL THERAPY OF VENEREAL DISEASE

JAY P. SANFORD
Dallas, Texas

The current emergence of venereal

disease, especially gonorrhea and syphilis, requires that all physicians be familiar with the newer methods in laboratory diagnosis. The increasing resistance of gonococci requires revision of previous treatment regimens. In addition, the less common venereal diseases such as chancroid continue to occur and require recognition for appropriate therapy.

10:45 a.m.

INHALATION THERAPY EQUIPMENT AS A RESERVOIR AND VECTOR OF INFECTIOUS AGENTS

WILLIAM R. LOCKWOOD
and MYRA D. TYLER
Jackson, Miss.

Presentation by Dr. Lockwood

A 12 month survey of inhalation therapy equipment led to isolation of *Pseudomonas* 18 times and coagulase positive *Staphylococcus aureus* once. The most commonly isolated bacteria were coagulase negative *Staphylococcus* (70), diphtheroids (56), *Bacillus* species (39), enterococcus (37), and *Mima-Herella* (31). Only one case of infection acquired from the equipment was identified.

11:05 a.m.

ANTIMICROBIAL THERAPY OF LOWER RESPIRATORY TRACT INFECTIONS

GEORGE A. PANKEY
New Orleans, La.

An approach to the initial and follow-up antimicrobial therapy for patients with chronic bronchitis and pneumonia will be discussed. The advantages and disadvantages of agents used orally, parenterally, and topically by inhalation will be presented as well as guidelines for dosage and length of therapy.

11:25 a.m.

DISCUSSION, QUESTIONS, AND ANSWERS

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

**MEDICAL ROUNDTABLE
LUNCHEON SESSION**

The Section on Medicine is sponsoring two tables at this special session—Tables No. 15 and 16. Tickets, \$4.25 each, must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

Monday, November 16, 7:00 p.m.

Chaparral Club, Paisano Room
Southland Center, 36th Floor

Social hour for members, wives, and guests of the Sections on Gastroenterology and Medicine. Tickets, \$7.50 per person (includes beverages and hors d'oeuvres), will be sold in the SMA registration area, Dallas Memorial Auditorium.

Tuesday, November 17, 8:30 a.m.

Children's Medical Center
Hugh Leslie Moore Auditorium
1935 Amelia Street

CLINICAL SESSION

**Postgraduate Course
in Gastroenterology**

**Sponsored by the Sections on
Gastroenterology
Medicine**

See Program on Page 37

Wednesday, November 18, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 8

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

See Program on Page 45

Wednesday, November 18, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 5

2:00 p.m.

**BUSINESS MEETING,
SECTION ON MEDICINE**

SYMPOSIUM ON HYPERTENSION

Moderator:

CHARLES K. DONEGAN,
St. Petersburg, Fla.

2:15 p.m.

ALDOSTERONE AND HYPERTENSION

DAVID P. LAULER
Boston, Mass.

*Guest Speaker
Section on Medicine*

The hormone aldosterone is becoming much more relevant to the practice of medicine. Its role in edema disorders is well established and recognized. With increasing precision, and emanating from an understanding of the basic principles of the physiology of the hormone, the practicing physician is now in a position to effectively screen patients in his office for primary aldosteronism

and also for some newer entities involving the basic renin-angiotensin-aldosterone system.

3:00 p.m.

INTERMISSION—VISIT EXHIBITS

3:30 p.m.

THE CLINICAL WORK-UP OF THE HYPERTENSIVE PATIENT

NORMAN M. KAPLAN
Dallas, Texas

Certain basic steps are needed in the work-up of all hypertensives. Depending upon the clinical state and results of the initial work-up, more detailed evaluation may be indicated. This presentation will focus on recently discovered information concerning the work-up of curable hypertension which should be available to every practitioner.

4:00 p.m.

DRUG THERAPY IN HYPERTENSION

RAYMOND F. GRENFELL
Jackson, Miss.

Treatment of 5% to 10% of the hy-

pertensive population is surgical. The remaining patients require anti-hypertensive agents in proper sequence and dose. Continued therapy is mandatory. The drugs include diuretics, Rauwolfia group, methyl-dopa, hydralazine, and guanethidine. In hypertensive crisis, reserpine, methyl-dopa, trimethaphan, sodium nitroprusside, and diazoxide are agents of choice.

4:30 p.m.

DISCUSSION, QUESTIONS, AND ANSWERS

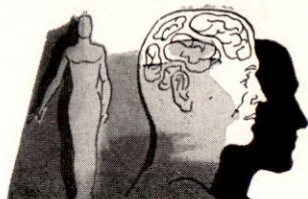
Thursday, November 19, 9:00 a.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
General Practice
Medicine**

See Program on Page 41

**SECTION ON
NEUROLOGY AND
PSYCHIATRY**



OFFICERS

Chairman

WILLIAM P. WILSON, *Durham, N. C.*

Chairman-Elect

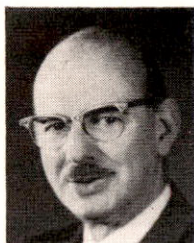
NOBLE J. DAVID, *Miami, Fla.*

Secretary

CHARLES E. WELLS, *Nashville, Tenn.*

SECTION HOST

DAVID D. DALY



GUEST SPEAKER

JACQUES S. GOTTLIEB

Detroit, Mich.

Professor and Chairman, Department of Psychiatry, Wayne State University College of Medicine; Director, Lafayette Clinic.

Monday, November 16, 9:00 a.m.

Dallas Memorial Auditorium
Room No. 5

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

**A Joint Meeting of the Sections on
Industrial Medicine and Surgery
Neurology and Psychiatry
Physical Medicine and Rehabilitation
Plastic and Reconstructive Surgery**

See Program on Page 46

**MEDICAL ROUNDTABLE
LUNCHEON SESSION**

The Section on Neurology and Psychiatry is sponsoring one table at this special session—Table No. 17. Tickets, \$4.25 each, must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

Monday, November 16, 1:30 p.m.

Dallas Memorial Auditorium
Room No. 4

**A Joint Meeting of the Section on
Neurology and Psychiatry
and the
Southern EEG Society**

1:30 p.m.

**ELECTROENCEPHALOGRAPHIC RE-
CORDING OF SHORT- AND LONG-
TERM LITHIUM EFFECT**

J. FRANK JAMES
Goldsboro, N. C.

EDWARD L. REILLY
Durham, N. C.

Presentation by Dr. James

Twenty-three manic patients were studied for changes in EEG associated with lithium treatment. Various EEG changes were observed, some of which correlate with therapeutic outcome.

1:50 p.m.

TEMPORAL LOBE EEG ABNORMALITIES AND IMPULSIVE SUICIDAL BEHAVIOR

JAMES C. HANCOCK, JR.,
and A. R. BEVILACQUA
Memphis, Tenn.

Presentation by Dr. Hancock

A series of female patients with impulsive or suicidal behavior were thoroughly studied neurologically and psychiatrically. The occurrence of temporal lobe EEG abnormalities will be emphasized and preferential modes of treatment discussed.

2:10 p.m.

NORMAL EEG DEVELOPMENT IN INFANTS AND CHILDREN: CLINICAL DIAGNOSTIC USES

DAVID R. METCALF
Denver, Colo.

*Guest Speaker
Southern EEG Society*

3:00 p.m.

INTERMISSION—VISIT EXHIBITS

3:30 p.m.

PROGRESSIVE EEG CHANGES IN LAMINAR NECROSIS OF THE CEREBRAL CORTEX

RICARDO CEBALLOS
and SAMUEL C. LITTLE
Birmingham, Ala.

Presentation by Dr. Ceballos

A case report will be presented involving an infant with temporary cardiopulmonary arrest following heart surgery. Complete details including autopsy findings will be presented. This case suggests that some highly coordinated voluntary-appearing activity may be mediated at brain stem levels alone, and that the return of rhythmical electrical activity may not be a reliable indicator of the state of preservation of the cerebral cortex.

3:50 p.m.

14 AND 6 PER SECOND POSITIVE SPIKING IN ADOLESCENCE

D. T. GIANTURCO
and WILLIAM P. WILSON
Durham, N. C.

Presentation by Dr. Gianturco

Adolescent patients with both psychiatric disorders and autonomic (visceral) complaints were found to

have a high incidence, 56%, of positive spikes when compared to adolescent patients with a psychiatric disorder alone, 19%, or with autonomic complaints alone, 29%. It is suggested that psychiatric disorders can have sociologic, psychologic, or biologic bases.

4:10 p.m.

CORRELATION OF OCCIPITAL AMP-LITUDE WITH SEIZURES

E. F. GOOD
and E. T. RICHEY
Miami, Fla.

Presentation by Dr. Good

Occipital amplitude was analyzed in the EEG of 875 consecutive subjects. A positive correlation was established between the incidence of seizures and increasing voltage. Patients showing occipital amplitude over 150 microvolts have a 60% chance of having seizures.

4:30 p.m.

METACHROMATIC LEUKODYSTROPHY

HARRIS M. HAUSER
Houston, Texas

Serial EEG's have been obtained and analyzed during the course of life in a 10 year old child suffering meta-chromatic leukodystrophy. Diagnosis was established by brain biopsy. Diagnostic problems will be reviewed. The value of the EEG in suggesting the diagnosis will be presented. A brief movie will be shown.

4:50 p.m.

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

SECTION ON NEUROLOGY AND PSYCHIATRY

Tuesday, November 17, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 4

8:00 a.m.

**CRITIQUE AND FOLLOW-UP OF 200
CONSECUTIVE CASES IN THE MIS-
SISSIPPI REGIONAL MEDICAL PRO-
GRAM STROKE UNIT**

A. F. HAERER,
R. R. SMITH,
and R. D. CURRIER
Jackson, Miss.

Presentation by Dr. Haerer

This paper summarizes diagnostic, therapeutic, and follow-up information on the first 200 consecutive patients admitted to the Mississippi Stroke Care Demonstration Unit. Diagnostic evaluation and therapy will be discussed with stress on the team approach to stroke care.

8:20 a.m.

**ENDARTERECTOMY IN CEREBRO-
VASCULAR DISEASE: 100 CONSECU-
TIVE CASES**

R. R. SMITH,
A. F. HAERER,
and D. J. DAVIS
Jackson, Miss.

Presentation by Dr. Smith

A critical review of 100 consecutive operations on the carotid artery in patients with cerebrovascular disease will be presented. Surgical mortality was directly related to preoperative neurological status. Postoperative flow was never demonstrated where preoperative angiogram demonstrated complete occlusion of internal carotid artery.

8:40 a.m.

BRAIN ABSCESS IN CHILDREN

THOMAS W. FARMER
Chapel Hill, N. C.

BRUCE D. SNYDER
Cleveland, Ohio

Presentation by Dr. Farmer

Clinical and bacteriological studies of 14 infants and children with brain abscess will be reported with the need for early diagnosis and treatment stressed. Mortality rate in this series was 50%. With early diagnosis and appropriate antibiotic and surgical therapy, mortality rate and incidence of sequelae can be greatly reduced.

9:00 a.m.

NEUROSYPHILIS: THE CLINICAL AND LABORATORY STUDIES OF 226 PROVEN CASES

H. HOOSHMAND
and M. R. ESCOBAR, Ph.D.
Richmond, Va.

Presentation by Dr. Hooshmand

Two hundred twenty-six cases of neurosyphilis were diagnosed on the basis of Fluorescent Treponemal Antibody absorption studies of serum and spinal fluid. The VDRL test was positive in spinal fluid in only 31 of these cases. Neurological abnormalities will be presented and treatment discussed.

9:20 a.m.

SHOULD NEUROLOGY AND PSYCHIATRY INTEGRATE?

WILLIAM P. WILSON
Durham, N. C.

*Chairman
Section on Neurology and
Psychiatry*

Increasing emphasis on neuroscience

in psychiatry has called for a re-evaluation of the relationship of psychiatric and neurologic training. Because of the continuing shortage of neurologists, it is desirable that psychiatrists be better trained in clinical neurology to meet the neurological needs of the community. A proposal to change training programs and certification requirements will be made.

9:40 a.m.

INTERMISSION—VISIT EXHIBITS

10:10 a.m.

SCHIZOPHRENIA: NEW CONCEPTS

JACQUES S. GOTTLIEB
Detroit, Mich.

*Guest Speaker
Section on Neurology and
Psychiatry*

The gradual accumulation of information from around the world regarding the disorder or disorders called schizophrenia permits the formulation of new concepts that may be tested experimentally.

10:45 a.m.

SOME DRUG-DRUG INTERACTIONS OF PSYCHOTROPIC AGENTS

W. E. FANN, J. D. GRIFFITH,
F. H. LUTON, and J. A. OATES
Nashville, Tenn.

Presentation by Dr. Fann

In two psychiatric outpatient department studies, the majority of patients were being treated with more than one psychotropic agent. For some of these combinations, there is no rational basis; for others, there are definite contraindications. This paper reports known interactions of some important psychotropic agents.

11:05 a.m.

PSYCHOSES IN THE GENERAL HOSPITAL

F. O. HENKER, III
Little Rock, Ark.

Fifty-four psychotic patients seen in psychiatric consultation in two general hospitals will be discussed. Three groups of patients were delineated: delirious patients, situational psychotics (usually with chronic brain syndromes), and patients prepsychotic before admission whose psychoses were precipitated by hospitalization. Diagnosis and therapy will be discussed.

11:25 a.m.

PRECIPITATING FACTORS IN AFFECTIVE DISORDERS

J. L. GALLEMORE, JR.,
and WILLIAM P. WILSON
Durham, N. C.

Presentation by Dr. Gallemore

Precipitating factors were found in

70% of 331 patients with affective disorders. Depression was most often associated with illness, surgery, or injury; elation, with increased occupational responsibility. Death or serious illness in the immediate family and increased occupational responsibility were seen most often in the most severely ill patients.

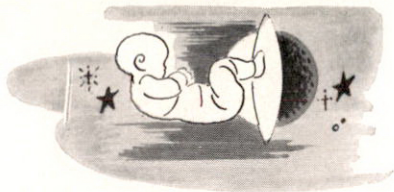
Wednesday, November 18, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
General Practice
Neurology and Psychiatry**

See Program on Page 40

SECTION ON OBSTETRICS



OFFICERS

Chairman

WILLIAM P. DEVEREUX, *Dallas, Texas*

Chairman-Elect

ROBERT V. BARNETT, *Birmingham, Ala.*

Secretary

FRANK C. GREISS, JR., *Winston-Salem, N. C.*

SECTION HOST

STACY R. STEPHENS



GUEST SPEAKER

JACK A. PRITCHARD

Dallas, Texas

Chief, Obstetrics and Gynecology,
Parkland Memorial Hospital; Gillette
Professor of Obstetrics and Gynecology,
University of Texas Southwestern Medical School.

SOUTHERN GYNECOLOGICAL AND OBSTETRICAL SOCIETY

16TH ANNUAL MEETING

in cooperation with the
Southern Medical Association

November 16

Dallas Memorial Auditorium
Dallas, Texas

Members and guests of the
Section on Obstetrics
cordially invited.

See Program on Page 127

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

MEDICAL ROUNDTABLE LUNCHEON SESSION

The Section on Obstetrics is sponsoring one table at this special session—Table No. 18. Tickets, \$4.25 each, must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

Tuesday, November 17, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
Pathology
General Practice
Gynecology
Obstetrics
Pediatrics**

See Program on Page 85

Tuesday, November 17, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
Obstetrics
Anesthesiology
General Practice
Gynecology**

**SYMPOSIUM ON THE
DELIVERY OF OBSTETRIC
ANESTHESIA**

Moderator:

DONALD M. SHERLINE,
Jackson, Miss.

2:05 p.m.

**AVAILABILITY OF ANESTHESIA
PERSONNEL FOR OBSTETRICS**

FRANCIS M. JAMES, III
Winston-Salem, N. C.

Present and future projections of available personnel for obstetric anesthesia will be discussed.

2:15 p.m.

**METHODS OF RELIEVING PAIN
DURING DELIVERY**

DONALD M. SHERLINE
Jackson, Miss.

Pain relief during labor and delivery will be discussed as it relates to the number and training of available personnel.

2:30 p.m.

RESUSCITATION OF THE NEWBORN

RICHARD B. CLARK
Little Rock, Ark.

Resuscitation of the newborn will be discussed as it relates to the number and training of available personnel.

2:45 p.m.

**DISCUSSION, QUESTIONS, AND
ANSWERS**

3:15 p.m.

INTERMISSION—VISIT EXHIBITS

3:45 p.m.

**OBSTETRICAL ANESTHESIA SER-
VICE IN GREAT BRITAIN**

CHRISTOPHER HODGSON
Dallas, Texas

Aspects of domiciliary practice and the Obstetrical Flying Squad will be discussed.

Discussant:

ERIC HOLMES,
Dallas, Texas

4:05 p.m.

**KETAMINE ANESTHESIA FOR
VAGINAL DELIVERY**

GEORGE B. JACKSON
and CLARK M. HINKLEY
Birmingham, Ala.

Presentation by Dr. Jackson

Ketamine, a new dissociative anesthetic agent for intravenous general anesthesia may be the ideal general anesthesia for uncomplicated vaginal deliveries. The clinical use will be demonstrated and the advantages and disadvantages of this technique of anesthesia will be discussed.

Discussant:

BRADLEY E. SMITH,
Nashville, Tenn.

4:25 p.m.

**BIOCHEMICAL AND BIOPHYSICAL
MONITORING OF THE FETUS
DURING LABOR**

HARRY COHEN
Miami, Fla.

Fetal blood sampling and electrocardiographic techniques are currently available when indications for fetal monitoring are present. From evaluation of these parameters and uterine pressure curves, early diagnosis of fetal distress becomes a reality.

Discussant:

EDGAR O. HORGER, III,
Charleston, S. C.

1:30 p.m.

**THE USE OF AN INTERNAL PACE-
MAKER IN A PATIENT WITH HEART
BLOCK DURING LABOR**

JOHN P. GUSDON, JR.,
and WILLIAM J. SPENCER
Winston-Salem, N. C.

Presentation by Dr. Gusdon

Acquired and congenital complete heart block is very rare in pregnancy. The mortality has been very high, with the greatest risk occurring during labor and delivery and associated with the use of anesthetic agents. An intracardiac pacemaker was used successfully in such a patient during induced labor, delivery, and the postpartum period.

Discussant:

JOHN A. BOARD,
Richmond, Va.

1:50 p.m.

**RENOVASCULAR HYPERTENSION
IN PREGNANCY**

ROBERT L. HOTCHKISS,
DONALD E. WELLS,
and JOHN B. NETTLES
Tulsa, Okla.

Presentation by Dr. Hotchkiss

Renovascular disease is known to play a significant etiologic role in hypertension in the general population. Its role in hypertension in pregnancy will be discussed and a case history presented. Pathophysiology, diagnosis, and treatment of renovascular hypertension will be briefly reviewed. A plea is made for constant clinical awareness of this potentially correctable form of hypertension in pregnancy.

Discussant:

R. PINKNEY RANKIN, JR.,
Charlotte, N. C.

Wednesday, November 18, 1:30 p.m.

Dallas Memorial Auditorium
Room No. 9

TREATMENT OF MATERNAL HEMORRHAGE

JACK A. PRITCHARD

Dallas, Texas

Guest Speaker

Section on Obstetrics

2:40 p.m.

BUSINESS MEETING, SECTION ON OBSTETRICS

2:50 p.m.

INTERMISSION—VISIT EXHIBITS

3:20 p.m.

AMNIOGRAPHY

MELVIN K. BOTTORFF

and STEWART A. FISH

Memphis, Tenn.

Presentation by Dr. Bottorff

The safety and simplicity of amniography make this diagnostic procedure available to all obstetricians. Practical applications of this technique will be presented.

Discussant:

O. EDUARDO TALLEDO,

Augusta, Ga.

3:40 p.m.

ESTRIOL EXCRETION IN CARDIAC DISEASE DURING PREGNANCY

PRESTON V. DILTS, JR.,

and J. W. GREENE, JR.

Lexington, Ky.

Presentation by Dr. Dilts

Urinary excretion of estriol has been used to aid in the management of pregnant patients with diabetes mellitus, renal disease, and hyperten-

sion. Experience with this test in patients with cardiac disease will be presented.

Discussant:

LUTHER M. TALBERT,

Chapel Hill, N. C.

4:00 p.m.

CESAREAN SECTION FOR FETAL DISTRESS

ROBERT G. BRAME

Durham, N. C.

S. A. BHATTI

Winston-Salem, N. C.

Presentation by Dr. Brame

A ten year review of cesarean sections at North Carolina Baptist Hospital was carried out and correlation demonstrated between fetal heart irregularity and infant depression at birth. Pertinent associated clinical findings were summarized and implications for management will be discussed.

4:15 p.m.

AN ULTRASOUND FETAL SEARCH UNIT FOR CONTINUOUS FETAL HEART MONITORING

M. B. WINGATE,

N. TCHILINGUERIAN,

and L. WINGATE

Philadelphia, Pa.

Presentation by Dr. M. B. Wingate

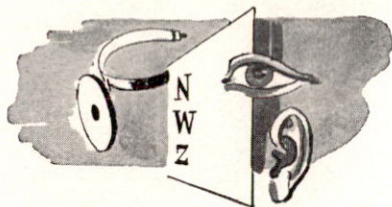
Results on 100 patients using this noninvasive technique during the first and second stages of labor will be presented.

Discussant for two preceding papers:

EDWIN G. WALDROP,

Birmingham, Ala.

SECTION ON OPHTHALMOLOGY



Chairman
Chairman-Elect
Vice-Chairman
Secretary
Assistant Secretary

OFFICERS

GEORGE S. ELLIS, *New Orleans, La.*
M. RAY HARRINGTON, *Dallas, Texas*
EDWARD C. FERGUSON, III, *Galveston, Texas*
HILLIARD M. HAIK, *New Orleans, La.*
JOEL B. POLLARD, *New Orleans, La.*

SECTION HOSTS

M. RAY HARRINGTON
ROBERT R. SEXTON



GUEST SPEAKER

IRA S. JONES
New York, N. Y.

Associate Professor, Clinical Ophthalmology, Columbia University College of Physicians and Surgeons.

Monday, November 16, 1:30 p.m.

Parkland Memorial Hospital

TELEVISION PROGRAM

Chairmen:

ROBERT R. SEXTON,
M. RAY HARRINGTON,
Dallas, Texas

1:30 p.m.

TRANSPORTATION—Bus leaves Fairmont Hotel promptly at 1:30 p.m. Shuttle buses will be operating be-

tween the major downtown hotels and the Dallas Memorial Auditorium 7:30 a.m.—6:00 p.m. Ride a shuttle bus to the Fairmont Hotel, then take the special bus to Parkland Memorial Hospital at 1:30 p.m. No parking facilities are available at Parkland Memorial Hospital for private cars.

2:00 p.m.

OPHTHALMIC SURGERY

Moderator:

ROBERT R. SEXTON,
Dallas, Texas

Panelists:

- ROBERT C. DREWS,
Clayton, Mo.
- GEORGE S. ELLIS,
New Orleans, La.
- EDWARD C. FERGUSON, III,
Galveston, Texas
- M. RAY HARRINGTON,
Dallas, Texas
- IRA S. JONES,
New York, N. Y.

Surgeons:

- OPHTHALMOLOGY STAFF,
UNIVERSITY OF TEXAS
SOUTHWESTERN MEDICAL
SCHOOL,
Dallas, Texas

The color television program featuring live ophthalmic surgery will be presented by the Department of Ophthalmology of the University of Texas Southwestern Medical School at Parkland Memorial Hospital and will include the following surgical procedures: cataract, glaucoma, strabismus, and retinal detachment.

5:00 p.m.

TRANSPORTATION—Bus returns to Fairmont Hotel.

Tuesday, November 17, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 3

ALBERT C. ESPOSITO DAY

8:00 a.m.

SEPTIC CAVERNOUS SINUS THROMBOSIS AND ORBITAL CELLULITIS

C. DOWNEY PRICE,
STEPHEN B. HAMEROFF,
and RICHARD D. RICHARDS
Baltimore, Md.

Presentation by Dr. Price

The clinical manifestations of septic cavernous sinus thrombosis and orbital cellulitis are very similar. There are clinical points which can be used to differentiate these entities. Case reports will be presented to illustrate the clinical examination in differentiating these conditions.

Discussant:

MALCOLM L. MAZOW,
Houston, Texas

8:20 a.m.

CURRENT MODIFICATIONS AND USES OF THE TRIPIER ECTROPION REPAIR

HOWARD S. REITMAN
New Orleans, La.

Modifications of the Tripier "bucket-handle" procedure will be presented. Its application to senile, cicatricial ectropion and specific types of pure cicatricial ectropion versus the Kuhnt-Szymanowski procedure (or classical modifications), and Wheeler halving technique for pure senile, relaxed ectropion will be demonstrated.

Discussant:

ROBERT B. WILKINS,
Houston, Texas

8:40 a.m.

OPHTHALMIC TISSUE PENETRANCE OF ANTIBIOTICS

JOHN R. CRAWFORD, III,
and SAMUEL D. McPHERSON, JR.
Durham, N. C.

Presentation by Dr. Crawford

Because of the disastrous effects of infection following intraocular surgery, preoperative subconjunctival ampicillin is recommended on the basis of laboratory and clinical studies. Aqueous humor assays for antibiotic activity show rapid penetration and

high levels with subconjunctival ampicillin.

Discussant:

M. RAY HARRINGTON,
Dallas, Texas

9:00 a.m.

REPAIR OF LID DEFECTS WITH NASAL CARTILAGE GRAFTS

MILTON BONIUK
Houston, Texas

Nasal cartilage with attached mucosa has provided excellent results in 12 patients with lid and tarso-conjunctival defects secondary to trauma, inflammation, and neoplasm.

Discussant:

R. LARRY BRENNER,
Pasadena, Texas

9:20 a.m.

THE ELECTRORETINOGRAM: SOME CLINICAL ILLUSTRATIONS CONCERNING ITS USEFULNESS AND LIMITATIONS

MILAM S. COTTEN
Hattiesburg, Miss.

GEORGE R. WOODBURY
Memphis, Tenn.

Presentation by Dr. Cotten

This paper illustrates the clinical usefulness of the electroretinogram in the diagnosis and prognosis of a variety of cases, such as nyctalopia, suspected malingering, retinal pigmentary changes, and suspected siderosis or chalcosis. Furthermore, the inherent variables and multiple parameters of the test (equipment, standardization, age limitations, eye movement problems, and total darkness), will be illustrated.

Discussant:

WILLIAM B. SNYDER,
Dallas, Texas

9:40 a.m.

A TECHNIQUE FOR FACIAL NERVE AKINESIA

GEORGE S. ELLIS
New Orleans, La.

Chairman
Section on Ophthalmology

A technique for facial nerve block akinesia in the area of the tympanomastoid fissure is described. It is easy to perform, has no undesirable effects, and uses much less of the anesthetic agent. This technique achieves the same extent of complete akinesia as local infiltration techniques without distortion of local tissues.

10:10 a.m.

PRESENTATION OF PLAQUE TO ALBERT C. ESPOSITO

10:15 a.m.

INTERMISSION—VISIT EXHIBITS

10:45 a.m.

PRACTICAL POINTS IN OPHTHALMIC MICROSURGERY

ROBERT C. DREWS
Clayton, Mo.

Ophthalmic microsurgery will be discussed from the standpoint of simplicity, both of apparatus and of procedures. Every ophthalmic surgeon should be able to enjoy the detail which magnification makes visible, and the control which it makes possible.

Discussant:

WILLIAM S. HARRIS,
Dallas, Texas

11:05 a.m.

GONIOSCOPY AFTER CATARACT EXTRACTION

WILLIAM M. MONROE

Greenville, N.C.

Routine gonioscopy after cataract extraction was performed in 120 patients. Gonioscopic findings included "underlapping" of the corneoscleral wound, scrolls of Descemet's membrane, and occasional miscellaneous debris in the anterior chamber. Peripheral anterior synechiae and pigment deposits were common. Irregularities of iridotomies and iridectomies were also seen.

Discussant:

STANLEY C. BECKER,
St. Louis, Mo.

11:25 a.m.

THE USE OF HUMAN SCLERA AS AN ENCIRCLING BAND FOR RETINAL DETACHMENTS

LOUIS A. BREFFEILH
Shreveport, La.

Various synthetic materials have been unsatisfactory as encircling elements for various reasons. The author finds human sclera to be a versatile and well-tolerated material for use in encircling procedures.

Discussant:

HAROLD N. JACKLIN,
Greensboro, N.C.

Tuesday, November 17, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 3

2:00 p.m.

NORRIE'S DISEASE

LUIS F. PEREZ
New Orleans, La.

Norrie's disease is congenital blind-

ness characterized by soft eyes with morphological changes in the retina. Transmission is recessive sex linked. This paper describes a large family pedigree which was first described by the author in Cuba under the name of "congenital familial phthisis bulbi."

Discussant:

ALLAN H. FRADKIN,
Galveston, Texas

2:20 p.m.

CLINICAL EXPERIENCE WITH PIMARICIN THERAPY OF FUNGAL KERATITIS

EMANUEL NEWMARK
and HERBERT E. KAUFMAN
Gainesville, Fla.

Presentation by Dr. Newmark

Medical treatment for mycotic corneal ulcers has been inadequate. The authors screened a number of antifungal agents in an experimental rabbit model and found pimarinin superior to amphotericin B and nystatin. Early clinical trials confirmed pimarinin's effectiveness for superficial fungal keratitis.

Discussant:

RICHARD D. RICHARDS,
Baltimore, Md.

2:40 p.m.

THE DIAGNOSIS OF UVEAL MELANOMA USING THE RADIOACTIVE PHOSPHORUS UPTAKE TEST

WILLIAM S. HAGLER,
WILLIAM H. BARRETT,
and ROY H. SCHNUASS
Atlanta, Ga.

Presentation by Dr. Schnuass

The clinical diagnosis of a suspected uveal neoplasm is frequently difficult, but the P_{32} uptake test is an outstanding diagnostic method. The

results of the P_{32} test in 100 patients will be presented, describing the test and comparing the solid state and Geiger-Mueller detectors.

Discussant:

RICHARD S. RUIZ,
Houston, Texas

3:00 p.m.

SURGERY OF LACRIMAL GLAND TUMORS

IRA S. JONES
New York, N.Y.

Guest Speaker
Section on Ophthalmology

The reasons for the various surgical approaches both for diagnosis and for excision of lacrimal gland masses will be discussed and the techniques currently employed will be illustrated.

3:30 p.m.

INTERMISSION—VISIT EXHIBITS

4:00 p.m.

A CLINICAL REVIEW OF CONGENITAL GLAUCOMA

JERALD B. TURNER
Atlanta, Ga.

A six year review of all cases of primary congenital glaucoma admitted to Henrietta Eggleston Hospital for Children analyzes the incidence of bilaterality, sex, age at onset, associated congenital anomalies, pretreatment intraocular pressures and corneal diameters, presenting complaints and the effect of therapy.

Discussant:

GEORGE S. ELLIS,
New Orleans, La.

4:20 p.m.

TUMORS OF THE ORBIT

DON C. TURNBULL
Birmingham, Ala.

While orbital tumors are not rare, their incidence of appearance in the practice of the average clinical ophthalmologist is low. It was felt that a presentation of a group of these cases seen in the author's pathology unit would be both interesting and informative to an audience of ophthalmic clinicians.

Discussant:

RALPH G. BERKELEY,
Houston, Texas

4:40 p.m.

HUMAN SENILE CATARACTOUS LENS PROTEASE: ISOLATION AND SOME PHYSICAL CHARACTERISTICS

ARNOLD A. SWANSON, Ph.D.,
TIMOTHY M. GWYNETTE,
and JOHN T. NICHOLS
Charleston, S.C.

Presentation by Dr. Swanson

A proteolytic enzyme was isolated from human senile cataractous lens by anion exchange and gel filtration chromatography. Examination by zone electrophoresis in polyacrylamide gel, enzymic assays and by sedimentation velocity indicate a high degree of homogeneity for the enzyme.

Tuesday, November 17, 7:00 p.m.

The Fairmont Hotel
Royal Room

Social hour for members, wives, and guests of the Sections on Ophthalmology and Otolaryngology.

Wednesday, November 18, 1:30 p.m.

Dallas Memorial Auditorium
Room No. 3

**A Joint Meeting of the Section on
Ophthalmology
and the
Dallas Academy of Ophthalmology**

TEXAS DAY

1:30 p.m.

**MANAGEMENT OF VERTICAL
STRABISMUS**

ARTHUR J. JAMPOLSKY
San Francisco, Calif.

Guest Speaker
Dallas Academy of Ophthalmology

2:15 p.m.

**TRAUMATIC HYPHEMA: A STUDY
OF 83 CONSECUTIVE CASES**

BERNARD A. MILSTEIN
Galveston, Texas

The purpose of this discussion is to catalogue the results of 5 years of experience with hyphemas from blunt trauma at The University of Texas Medical Branch and to compare that experience with the results of others. Particular emphasis is placed on the correlation of final visual acuity with age and the effects of secondary hemorrhage.

Discussant:

PHILIP M. LEWIS,
Memphis, Tenn.

2:35 p.m.

**THE MANAGEMENT OF DIABETIC
RETINOPATHY COMPLICATIONS**

W. REX HAWKINS
Houston, Texas

The more devastating complications of diabetic retinopathy are: vitreous hemorrhage, macular edema, and retinal detachment. The author will outline the therapeutic approach to these complications and report the results of 52 patients who have been treated with photocoagulation, cryotherapy, and scleral buckling.

Discussant:

JOHN A. DAVIDSON,
Atlanta, Ga.

2:55 p.m.

INTERMISSION—VISIT EXHIBITS

3:25 p.m.

**THE CURRENT STATUS OF HYDRO-
PHILIC CONTACT LENSES**

WHITNEY G. SAMPSON
and GERALD L. FELDMAN, Ph.D.
Houston, Texas

Presentation by Dr. Sampson

Recent advances in the development of hydrophilic plastics have opened the way for their successful use as contact lenses. Although primarily of therapeutic value in diseases of the cornea and conjunctiva, particularly bullous keratopathy and neuroparalytic keratitis, these lenses are offering an exciting potential for simple optical correction, especially aphakia.

Discussant:

JACK HARTSTEIN,
St. Louis, Mo.

3:45 p.m.

**PRERETINAL ORGANIZATION IN
UNOPERATED EYES**

CHARLES E. RUSSO
Houston, Texas

Preretinal organization in most instances occurs in association with retinal detachment, retinal vascular disease, ocular inflammatory disease, and following photocoagulation or cryopexy. However, five cases of preretinal organization have been found in previously normal eyes.

Discussant:

RALPH S. HAMILTON,
Memphis, Tenn.

4:05 p.m.

**RECENT TRENDS IN STRABISMUS
MANAGEMENT**

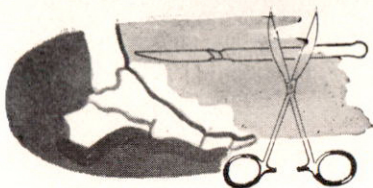
ARTHUR J. JAMPOLSKY
San Francisco, Calif.

Guest Speaker
Dallas Academy of Ophthalmology

4:50 p.m.

**BUSINESS MEETING,
SECTION ON OPHTHALMOLOGY**

**SECTION ON
ORTHOPEDIC AND
TRAUMATIC SURGERY**



OFFICERS

Chairman

F. WAYNE LEE, *Charlotte, N. C.*

Vice-Chairman

JACK K. WICKSTROM, *New Orleans, La.*

Secretary

WALLACE E. MILLER, *Miami, Fla.*

SECTION HOST

HAROLD A. MATTSON



GUEST SPEAKER

WALTER A. HOYT, JR.
Akron, Ohio

Chief of Orthopaedic Department,
Akron Children's Hospital; Chief of
Orthopaedic Service, Akron City Hos-
pital.

Monday, November 16, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 6

8:00 a.m.

**SPINAL CORD INJURIES SECON-
DARY TO GUNSHOT WOUNDS**

GEORGE W. WHARTON
and T. H. MORGAN
Baltimore, Md.

Presentation by Dr. Wharton

Fifty-one patients were available from

a statistical review of 268 patients
treated at Montebello State Reha-
bilitation Hospital, Baltimore, from
1953 through 1969. The medical and
surgical management will be review-
ed relative to detailed care and
anticipated prognosis.

Discussant:

LOUIS H. PARADIES, JR.,
Dallas, Texas

8:20 a.m.

EXPERIENCES WITH THE USE OF THE STRENGTH DURATION CURVE IN THE MANAGEMENT OF LUMBAR COMPRESSION NEUROPATHY

J. STUART GAUL, JR.,
and J. ROBINSON HICKS
Charlotte, N. C.

PHILIP G. BANNING
Dothan, Ala.

Presentation by Dr. Banning

Lumbar disc surgery is being performed predicated on the objective and subjective neurological findings. This study has been well correlated with clinical findings and represents a clinical means of further study of patients with significant findings.

Discussant:

KEMP CLARK,
Dallas, Texas

8:40 a.m.

OSTEOARTHRITIS OF THE KNEE JOINT

J. DARRELL SHEA
Miami, Fla.

Surgical treatment of osteoarthritis of the knee joint may take several forms. Recent reports of tibial osteotomy suggest a general satisfactory result with this simple procedure. The author suggests a closer review of the indications and contraindications for osteotomy about the knee joint.

Discussant:

JACK C. HUGHSTON,
Columbus, Ga.

9:00 a.m.

ACUTE TRAUMATIC SEPARATION OF THE CAPITAL FEMORAL EPIPHYSIS

D. ELLIOTT O'REILLY
St. Louis, Mo.

The unusual injury to the capital

femoral epiphysis in three cases at 12 months, 18 months, and 28 months, are significant as a group to report on the pathogenesis of the trauma, details of care, and the prognosis in injuries of this type under the age of five.

Discussant:

H. O. MARSH,
Wichita, Kans.

9:20 a.m.

CIVILIAN MANAGEMENT OF LOWER LIMB FRACTURES ASSOCIATED WITH ARTERIAL INJURIES

JOHN F. CONNOLLY,
DAVID WHITTAKER,
and EUGENE WILLIAMS
Nashville, Tenn.

Presentation by Dr. Whittaker

A clinical analysis of 17 fractures with associated arterial injuries treated at Vanderbilt Hospital suggests to these authors that skeletal traction may be safely employed in managing most of these injuries. Laboratory studies of 90 canine femoral artery repairs adjacent to femoral shaft fracture also indicated the safety of skeletal traction immobilization.

Discussant:

JOHN J. HINCHEY,
San Antonio, Texas

9:40 a.m.

PROBLEMS AND PROGNOSIS OF UPPER EXTREMITY REIMPLANTATION

LEE W. MILFORD, JR.
Memphis, Tenn.

This timely topic will be presented with the historical development of the technique of reimplantation as well as an outline of the limitations. The ideal case that lends itself to this procedure will be described. An evaluation will be presented of 12

or more cases, as time permits, with the results one can expect under certain conditions.

Discussant:

GEORGE E. OMER, JR.,
Fort Sam Houston, Texas

10:00 a.m.

THE RELATIONSHIP OF PREMANIPULATIVE TRACTION TO AVASCULAR NECROSIS AND CONGENITAL DISLOCATION OF THE HIP

WALTER A. HOYT, JR.
Akron, Ohio

Guest Speaker
Section on Orthopedic and
Traumatic Surgery

The efficacy of premanipulative traction in preventing avascular changes in the proximal femoral epiphysis as a complication in congenital dislocation of the hip is a major concern. The results of the study involving 314 such cases will be presented.

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

INTRAMEDULLARY NAIL FIXATION AS TREATMENT OF SUBTROCHANTERIC FRACTURES OF THE FEMUR

PHILIP M. ARONOFF,
PAUL M. DAVIS, JR., and
JACK K. WICKSTROM
New Orleans, La.

Presentation by Dr. Aronoff

This presentation will be a review of 39 patients. Supplementary fixation was needed to control rotation in most fractures and accentuates the need for secure fixation in avoiding complications.

Discussant:

RONALD J. MANN,
Miami, Fla.

11:20 a.m.

LATERAL FIXATION OF UNSTABLE ANKLE FRACTURES

GEORGE A. HUNTER
and JACK C. HUGHSTON
Columbus, Ga.

Presentation by Dr. Hunter

Twenty-five cases with classification and mechanism of ankle fractures involving lateral malleolus with a lateral shift or tilt of the talus will be presented. The method of fixation was a Rush rod for lateral malleolus in most instances as a means of reducing and holding the disrupted ankle mortice.

Discussant:

LOUIS J. LEVY,
Fort Worth, Texas

11:40 a.m.

BLASTOMYCOSIS OF BONE

FRANK H. BASSETT, III,
and JOHN P. TINDALL
Durham, N. C.

Presentation by Dr. Bassett

Since 1931, 31 patients with blastomycosis of bone have been treated at the Duke University Medical Center. A review of the treatment of these patients has emphasized the vast decrease in mortality and morbidity associated with this infectious disease process coincident with the improvement in treatment. The improvements in therapy will be illustrated by selected case reports.

Discussant:

ERNEST CHICK,
Lexington, Ky.

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

**MEDICAL ROUNDTABLE
LUNCHEON SESSION**

The Section on Orthopedic and Traumatic Surgery is sponsoring four tables at this special session—Tables No. 19, 20a, 20b, and 21. Tickets, \$4.25 each, must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

Monday, November 16, 1:30 p.m.

Children's Medical Center
Hugh Leslie Moore Auditorium
1935 Amelia Street

CLINICAL SESSION

1:30 p.m.

TRANSPORTATION—Bus leaves Fairmont Hotel promptly at 1:30 p.m.

Shuttle buses will be operating between the major downtown hotels and the Dallas Memorial Auditorium 7:30 a.m.—6:00 p.m. Ride a shuttle bus to the Fairmont Hotel, then take the special bus to the Clinical Session at 1:30 p.m. No parking facilities are available at the Children's Medical Center for private cars.

2:00 p.m.

**ORTHOPEDIC PATIENT
DEMONSTRATIONS**

CHARLES F. GREGORY
and LOUIS H. PARADIES, JR.
Dallas, Texas

5:15 p.m.

TRANSPORTATION—Bus returns to Fairmont Hotel.

Monday, November 16, 7:00 p.m.

The Fairmont Hotel
Continental Room

Dutch Treat (cash bar) social hour for members, wives, and guests of the Section on Orthopedic and Traumatic Surgery.

Tuesday, November 17, 8:30 a.m.

Scottish Rite Hospital
2201 Welborn Street

CLINICAL SESSION

8:30 a.m.

TRANSPORTATION—Bus leaves Fairmont Hotel promptly at 8:30 a.m.

Shuttle buses will be operating between the major downtown hotels and the Dallas Memorial Auditorium 7:30 a.m.—6:00 p.m. Ride a shuttle bus to the Fairmont Hotel, then take the special bus to the Clinical Session at 8:30 a.m. No parking facilities are available at the Scottish Rite Hospital for private cars.

9:00 a.m.

CHILDREN'S CLINIC

BRANDON CARRELL
Dallas, Texas

Clinical problems with patient demonstrations will be presented as a children's orthopedic session.

11:30 a.m.

TRANSPORTATION—Bus returns to Fairmont Hotel.

Tuesday, November 17, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 6

2:00 p.m.

**THE TREATMENT OF CAUSALGIA:
A REVIEW OF CASES AT BROOKE
GENERAL HOSPITAL**

GEORGE E. OMER, JR.,
and STEPHEN R. THOMAS
Fort Sam Houston, Texas

Presentation by Dr. Omer

A new ward treatment procedure, periodic perineural infusion, will be discussed. Surgical sympathectomy indications will be reviewed as a part of a presentation of 70 current cases.

Discussant:

DANIEL C. RIORDAN,
New Orleans, La.

2:20 p.m.

**PERONEAL SPASTIC FLATFOOT
SYNDROME**

JAMES C. JOHNSON
and JAMES F. RICHARDS
Orlando, Fla.

Presentation by Dr. Johnson

The subject of peroneal spastic flatfoot with emphasis on the noncoalition type with a true peroneal spasm will be presented. The pathomechanics will be discussed along with an interesting case report of PSF syndrome secondary to a previously unreported cause—neoplasm.

Discussant:

F. WAYNE LEE,
Charlotte, N. C.

2:40 p.m.

**LATERAL CONDYLAR FRACTURES
OF THE HUMERUS IN CHILDREN**

CHARLES R. WOLF
and THOMAS D. BROWER
Lexington, Ky.

Presentation by Dr. Wolf

The authors stress three categories of lateral condylar fractures which must be recognized so that proper treatment may be instituted in order to avoid the dread complications of nonunion and cubitus valgus. The anatomy of the region, the mechanisms of injury, and specific methods of treatment will be discussed.

Discussant:

KURT M. W. NIEMANN,
Birmingham, Ala.

3:00 p.m.

INTERMISSION—VISIT EXHIBITS

3:30 p.m.

**ORTHOPEDIC SURGERY IN SOUTH
KOREA TODAY**

F. WAYNE LEE
Charlotte, N. C.

*Chairman
Section on Orthopedic and
Traumatic Surgery*

The author will describe the orthopedic services available in South Korea. Most particularly he will describe the role of the Presbyterian Mission Hospitals in treating diseases still prevalent in this underdeveloped nation.

4:00 p.m.

**REVIEW AND TREATMENT OF
CARPAL NAVICULAR FRACTURES**

JOEL R. GRAZIANO and
EMMETT M. LUNCEFORD, JR.
Columbia, S. C.

Presentation by Dr. Lunceford

This paper consists of a review, his-

torical background, and management. Specific indications for treatment will be discussed. Complications and projected prognosis will be presented.

Discussant:

DONALD T. IMRIE,
Vicksburg, Miss.

4:20 p.m.

SCOLIOSIS IN MYELOMENINGOCELE

WILTON H. BUNCH
Charlottesville, Va.

Spinal instability in myelomeningocele is among the most difficult and challenging of orthopedic problems. Indications for the various approaches necessary (halofemoral traction, Harrington rods, anterior fusion, posterior interbody fusion, and pelvic halo fixation), and examples of each will be presented.

Discussant:

E. BURKE EVANS,
Galveston, Texas

4:40 p.m.

RECURRENT POSTTRAUMATIC DISLOCATION OF THE HIP IN CHILDREN

RAY L. SIMMONS
and JACK D. ELDER, JR.
Galveston, Texas

Presentation by Dr. Simmons

Recent interest in literature of recurrent posttraumatic dislocation of the hip has prompted a review of this problem in children, the report of a case, and a plea for additional reporting of cases to determine the incidence, pathology, and the most effective mode of therapy.

Discussant:

WOOD W. LOVELL,
Atlanta, Ga.

5:00 p.m.

EXPERIENCE WITH THE MacINTOSH PROSTHESIS

BEVERLY B. CLARY
and DAVID E. COUK
Richmond, Va.

Presentation by Dr. Couk

This report of 41 patients with hemiarthroplasty of the knee (six bilateral cases), includes 13 patients with hypertrophic arthritis, 22 patients with rheumatoid arthritis, and six patients with traumatic joint changes. The result was satisfactory in 28 cases. The failures and complications will be discussed in detail.

Discussant:

DAVID L. MACKEY,
Winter Park, Fla.

5:20 p.m.

BUSINESS MEETING, SECTION ON ORTHOPEDIC AND TRAUMATIC SURGERY

Wednesday, November 18, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 6

8:00 a.m.

FACETECTOMY: A METHOD FOR SALVAGE OF THE DAMAGED PATELLA

DON H. O'DONOGHUE
and GAEL R. FRANK
Oklahoma City, Okla.

Presentation by Dr. O'Donoghue

Reparation of adequate patellofemoral relationship has long been a major factor in the restoration of function of the abnormal knee joint. Many

procedures, ie; chondroplasty, capsulorrhaphy, chondrectomy, and finally, patellectomy, have been presented as a solution to the problem of pathology of the patellar cartilage. Now another method for treatment of localized involvement of medial or lateral facet of the patella will be presented.

Discussant:

J. LEONARD GOLDNER,
Durham, N. C.

8:18 a.m.

EXPERIMENTAL FAT EMBOLISM

CHARLES F. GREGORY
and KAYE E. WILKENS
Dallas, Texas

Presentation by Dr. Gregory

Since there has been no orderly description of the pathophysiologic changes occurring in fat embolism to the lungs, this report will describe them as they were observed in the lungs of rabbits which had been injected intravenously with liquid fat.

Discussant:

GORDON B. KELLY,
Fort Worth, Texas

8:36 a.m.

EARLY EXPERIENCES WITH THE SWANSON PROSTHESIS IN SURGERY OF THE RHEUMATOID HAND

GORDON B. McFARLAND, JR.
New Orleans, La.

The Swanson prosthesis has provided a real breakthrough in the reconstruction of severely disabled arthritic hands. The author presents early experience with the prosthesis, indications, complications, and management.

Discussant:

L. LEE LANKFORD,
Dallas, Texas

8:54 a.m.

PRINCIPLES AND TECHNIQUES OF PATELLECTOMY

WALTER A. HOYT, JR.
Akron, Ohio

Guest Speaker
Section on Orthopedic and
Traumatic Surgery

Proper reconstruction of the quadriceps mechanism following patellectomy is essential to achieve a satisfactory functional end result. The principles and techniques of this repair will be presented.

9:27 a.m.

HEMANGIOMAS OF SKELETAL MUSCLE

JAMES J. CONNERS
Jacksonville, Fla.
Y. C. KHAN
Knoxville, Tenn.

Presentation by Dr. Connors

Three rare and interesting cases of hemangiomas of skeletal muscle, all occurring in the quadriceps muscle, were a source of pain and were relieved with surgical excision. Prognosis, incidence, and extent of treatment indicated by pathogenesis will be discussed.

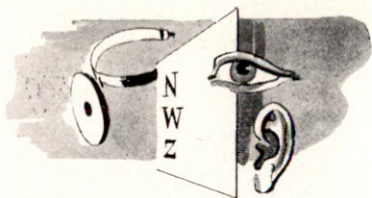
Discussant:

HANES H. BRINDLEY,
Temple, Texas

9:45 a.m.

**END OF SECTION MEETING.
ADJOURN TO SMA SECOND
GENERAL SESSION,
ROOM NO. 5.**

SECTION ON OTOLARYNGOLOGY



OFFICERS

Chairman

LEWIS J. RUTLEDGE, *McComb, Miss.*

Chairman-Elect

J. RYAN CHANDLER, *Miami, Fla.*

Vice-Chairman

CLAUDE D. WINBORN, *Dallas, Texas*

Secretary

ROBERT H. COX, *New Orleans, La.*

SECTION HOST

CLAUDE D. WINBORN



GUEST SPEAKER

JAMES W. McLAURIN
Baton Rouge, La.

Senior Visiting Surgeon, Charity Hospital; Clinical Professor of Otolaryngology, Tulane University School of Medicine.

Tuesday, November 17, 9:00 a.m.

Parkland Memorial Hospital

TELEVISION PROGRAM

9:00 a.m.

SURGICAL PROCEDURES

CLAUDE D. WINBORN
and JACK P. GUNTER, JR.
Dallas, Texas

Surgical procedures will be presented via closed circuit television at Parkland Memorial Hospital.

Tuesday, November 17, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 4

2:00 p.m.

SEPTAL RECONSTRUCTION—(film)

LEWIS J. RUTLEDGE
McComb, Miss.

Chairman
Section on Otolaryngology

2:30 p.m.

FACIAL FRACTURES IN SMALL CHILDREN

JAMES A. WHITE, III
Alexandria, La.

DANIEL M. ADAMS, III,
and L. LEO LANCASTER, JR., D.D.S.
New Orleans, La.

Presentation by Dr. White

The small child poses certain problems because of his anatomical differences and his tendency to act as a missile in automobile accidents. A case of a 22 month old child with a right maxillary fracture will be presented along with a review of the literature. The need for cooperative effort and for restraining devices for children in automobiles will be reiterated.

Discussant:

JACK P. GUNTER, JR.,
Dallas, Texas

2:50 p.m.

FIRST BRANCHIAL CLEFT ANOMALIES

MERVIN L. TRAIL,
GEORGE D. LYONS,
and JOSEPH J. CREELY, JR.
New Orleans, La.

Presentation by Dr. Trail

Two cases of anomalous conditions relating to the first branchial cleft will be reported along with a 20 year review of other cases at Charity Hospital in New Orleans.

3:10 p.m.

PETROSITIS: GRADENIGO'S SYNDROME

JAMES L. HOLCOMB
Wharton, Texas
MYRON W. LOCKEY
Jackson, Miss.

Presentation by Dr. Holcomb

Petrositis and the related triad of

6th nerve palsy, retro-orbital pain, and otorrhea (Gradenigo's syndrome), will be fully reviewed. The etiology, history, anatomy, pathology and pathophysiology, signs and symptoms, differential diagnosis, complications, and treatment will be discussed. Three cases will be presented.

Discussant:

CLAUDE D. WINBORN,
Dallas, Texas

3:30 p.m.

INTERMISSION—VISIT EXHIBITS

4:00 p.m.

OSSIFYING FIBROMAS OF THE FRONTAL-ETHMOIDAL SINUSES

JAMES L. DARSIE
and PATRICK D. KENAN
Durham, N. C.

Presentation by Dr. Darsie

Ossifying fibromas and monostatic fibroma dysplasia of the frontal and ethmoidal sinuses may be equated and classified as osteomas. Five cases will be presented. These dynamic tumors are frequently misdiagnosed initially as angioneurotic edema, orbital cellulitis, osteomyelitis, exophthalmus secondary to hyperthyroidism, and mucocoeles. Complete removal is the treatment of choice.

4:20 p.m.

PAROTID DUCT FISTULA

W. G. HEMENWAY
and LaVONNE B. BERGSTROM
Denver, Colo.

Presentation by Dr. Hemenway

Parotid fistulae are successfully treated by seven methods which will be discussed in detail.

4:40 p.m.

**SUDDEN HEARING LOSS: A
MEDICAL EMERGENCY**

CARL M. NECHTMAN
and MICHAEL E. GLASSCOCK, III
Nashville, Tenn.

Presentation by Dr. Nechtman

Three types of sudden hearing losses will be discussed: those with or without vertigo, and those associated with severe straining. Treatment with vasodilators, anticoagulants, and CO₂ inhalation will be described.

Tuesday, November 17, 7:00 p.m.

The Fairmont Hotel
Royal Room

Social hour for members, wives, and guests of the Sections on Ophthalmology and Otolaryngology.

Wednesday, November 18, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 4

8:00 a.m.

**BUSINESS MEETING,
SECTION ON OTOLARYNGOLOGY**

8:15 a.m.

EPISODIC VERTIGO

JAMES W. McLAURIN
Baton Rouge, La.

*Guest Speaker
Section on Otolaryngology*

8:45 a.m.

**ENDOCRINE EXOPHTHALMUS:
CONCEPTS AND MANAGEMENT**

ROY B. SESSIONS
and ROBERT B. WILKINS
Houston, Texas

Presentation by Dr. Sessions

The pathogenesis of endocrine exophthalmus will be discussed and its indirect relationship to thyrotoxicosis pointed out. Conditions simulating it will be mentioned and a general method of preoperative evaluation reviewed. The various techniques used for decompression will be reviewed with special emphasis on the trans-antral approach.

9:05 a.m.

**A REVIEW OF EXPERIENCE IN
PEDIATRIC TRACHEOSTOMY**

RICHARD A. LAWRENCE
and BYRON J. BAILEY
Galveston, Texas

Presentation by Dr. Lawrence

The difficulty in securing an airway, the role of endotracheal intubation as opposed to tracheostomy, and the advantage of certain tracheostomy material and design will be discussed. A review of the experience in pediatric tracheostomy at a large Southern medical center will be presented.

9:45 a.m.

**END OF SECTION MEETING.
ADJOURN TO SMA SECOND
GENERAL SESSION,
ROOM NO. 5.**

Wednesday, November 18, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 4

2:00 p.m.

**RECONSTRUCTIVE SURGERY FOR
CONGENITAL HEARING LOSS**

J. A. BURNAM
Miami, Fla.

W. R. HUDSON
Durham, N. C.

Presentation by Dr. Burnam

The possibilities for rehabilitation of patients with congenital hearing loss will be brought out, as well as diagnostic tests. Three case reports with preoperative and postoperative photographs, x-rays, and audiograms will be presented.

2:20 p.m.

ACUTE FULMINATING OSTEOMYELITIS OF THE FRONTAL BONE

HAROLD K. HUDSON
Jackson, Miss.

JAMES L. HOLCOMB
Wharton, Texas

Presentation by Dr. Hudson

In recent years the acute fulminating form of frontal osteomyelitis has become a rare disease. A case will be presented in which the initial finding was an abscess of the temporal fossa. The principles of therapy in this disease will be discussed.

Discussant:

HERBERT H. HARRIS,
Houston, Texas

2:40 p.m.

EXTRAMEDULLARY PLASMACYTOMAS OF THE HEAD AND NECK

H. B. STONE, III,
and T. BOYCE COLE
Durham, N. C.

Presentation by Dr. Stone

Extramedullary plasmacytomas indistinguishable from multiple myeloma may appear anywhere in the body, but they have a predilection for the head and neck. Six cases will be presented and diagnosis and therapy will be discussed.

3:00 p.m.

INTERMISSION—VISIT EXHIBITS

3:30 p.m.

**OTOLOGIC PROBLEMS ASSOCIATED
WITH SUBMUCOUS CLEFT PALATE**

LaVONNE B. BERGSTROM
and W. G. HEMENWAY
Denver, Colo.

Presentation by Dr. Bergstrom

The various otologic problems one might encounter in a patient with a submucous cleft will be discussed. Fifty percent of submucous cleft patients have conductive hearing loss and/or chronic otitis media. Other associated problems will be brought out.

3:50 p.m.

**INVERTING PAPILLOMAS OF THE
NOSE**

JAMES L. BRADFORD, JR.,
MERVIN L. TRAIL,
and LESTER P. DULITZ
New Orleans, La.

Presentation by Dr. Bradford

The author will present a review of 20 years' experience with inverting papillomas of the nose with emphasis on the diagnosis, pathology, and clinical management of these lesions.

4:10 p.m.

OFFICE ELECTRONYSTAGMOGRAPHY: ONE YEAR'S EXPERIENCE

ANDREW K. SPONGBERG
and ROBERT H. COX
New Orleans, La.

Presentation by Dr. Spongborg

The practical aspects of setting up electronystagmography (ENG), in Ochsner Clinic along with its usefulness to the practicing otolaryngologist will be discussed.

4:25 p.m.

CRYOSURGERY IN THE MANAGEMENT OF MALIGNANT TUMORS OF THE HEAD AND NECK

J. RYAN CHANDLER
and CAPERS HIOTT
Miami, Fla.

Presentation by Dr. Chandler

The author will discuss current in-

dications and techniques of managing recurrent and residual malignant neoplasms of the head and neck with cryosurgery.

4:45 p.m.

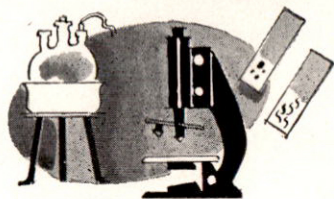
MANAGEMENT OF KELOIDS BY SURGICAL EXCISION AND LOCAL STEROID INJECTIONS

MARVIN A. SINGLETON
and CHARLES W. GROSS
Knoxville, Tenn.

Presentation by Dr. Singleton

Experiences using surgical excision and postoperative steroid injections for hypertrophied scars of the ear lobes will be presented. Discussion will include over 40 lesions of which 25 had one year or more follow-up photographs.

SECTION ON PATHOLOGY



OFFICERS

Chairman

Vice-Chairman

Secretary

VINCENT P. PERNA, *St. Louis, Mo.*

J. T. FRANCISCO, *Memphis, Tenn.*

ANDREW RANIER, *Lake Charles, La.*

SECTION HOST

JOHN H. CHILDERS



GUEST SPEAKER

ROBERT R. EGGEN
Spokane, Wash.

Director, Department of Pathology
and Clinical Pathology, St. Luke's
Memorial Hospital.

Monday, November 16, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 4

8:30 a.m.

BUSINESS MEETING, SECTION ON PATHOLOGY

9:00 a.m.

PROTEIN METABOLISM: POLYMER- ASE REACTION AND ITS UTILIZA- TION BY INORGANIC PYROPHOS- PHATASE

FREDERICK E. GILBERT, JR.
Birmingham, Ala.

*SMA Research Project Grant
Recipient*

Inorganic pyrophosphatase is a prod-

8:00 a.m.

CHANGING PATTERNS IN THE PRACTICE OF CLINICAL PATHOLOGY

VINCENT P. PERNA
St. Louis, Mo.

*Chairman
Section on Pathology*

uct of the DNA and RNA polymerase reactions, and its levels, through feedback inhibition, could regulate synthesis of these polynucleotides. The question arises, therefore, whether there is a specific inorganic pyrophosphatase in nuclei since such an enzyme might represent an important metabolic control point.

9:30 a.m.

INTERPRETATION OF THE PROTEINS IN THE METABOLIC PROFILE

ALBERT E. CASEY,
FREDERICK E. GILBERT, JR.,
MRS. ELEANOR L. DOWNEY,
MRS. SYLVIA THOMASON,
and MRS. JOANNE G. CASEY
Birmingham, Ala.

Presentation by Dr. Casey

An analysis of 20,000 admission metabolic profiles with 28 chemistries and the discharge diagnoses for each are being analyzed. This presentation (the third in a series), concerns total protein, albumin, gamma, alpha₁, alpha₂, and beta globulins in relation to each other, to the other 22 chemical profile components, and to the clinical discharge diagnoses.

10:00 a.m.

INTERMISSION—VISIT EXHIBITS

10:30 a.m.

REYE'S SYNDROME: ULTRASTRUCTURAL FEATURES AND OBSERVATIONS ON PATHOGENESIS

R. E. BROWN, H. M. SCHILLER,
G. E. MADGE, and W. J. S. STILL
Richmond, Va.

Presentation by Dr. Brown

Reye's syndrome has been associated with many dissimilar agents. This study presents findings of serous atrophy of fat and ultrastructural evidence that the accumulated lipid

appears consistent with fatty acids or triglycerides. These findings suggest that excessive lipolysis and lipid mobilization are resulting in its accumulation in organs that metabolize it.

11:00 a.m.

MEDICOLEGAL MISCONCEPTIONS

CHARLES S. PETTY
Dallas, Texas

Dr. Petty, the Chief Medical Examiner of Dallas County, will discuss the most common lay and professional misconceptions regarding legal medicine including: autopsy always yields cause of death; the time of death can always be accurately set; a medicolegal autopsy can be well performed in the absence of information regarding the circumstances of death, etc. This paper will be illustrated with appropriate lantern slides of actual cases.

11:30 a.m.

THE LABORATORY DIAGNOSIS OF THE GAMMOPATHIES

VINCENT P. PERNA
St. Louis, Mo.

Based on a large series of cases, laboratory methods most effective in the detection, separation, and identification of the gammopathies will be discussed according to type, cause, and frequency.

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

MEDICAL ROUNDTABLE LUNCHEON SESSION

The Section on Pathology is sponsoring two tables at this special

session—Tables No. 30 and 31. Tickets, \$4.25 each, must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

Tuesday, November 17, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
Pathology
General Practice
Gynecology
Obstetrics
Pediatrics**

CYTOGENETICS WORKSHOP

8:00 a.m.

**CHROMOSOME STUDIES—WHY
BOTHR?**

ROBERT R. EGGEN
Spokane, Wash.

*Guest Speaker
Section on Pathology*

This presentation will cover the technical methodology of chromosome studies and will deal principally with the clinical indications for chromosome analysis. Also, terminology in cytogenetics will be discussed as well as methods used for sex chromatin studies.

9:00 a.m.

INTERMISSION—VISIT EXHIBITS

9:15 a.m.

QUESTIONS AND ANSWERS

SECTION ON PATHOLOGY

9:25 a.m.

**FUNNY LOOKING KIDS AND
OTHER TOPICS**

ROBERT R. EGGEN
Spokane, Wash.

*Guest Speaker
Section on Pathology*

This presentation will be devoted to autosomal diseases such as mongolism, D-trisomy, E-trisomy, cat cry disease, and other newer autosomal diseases.

10:25 a.m.

INTERMISSION—VISIT EXHIBITS

10:40 a.m.

QUESTIONS AND ANSWERS

10:50 a.m.

**SEX AND THE SINGLE
CHROMOSOME**

ROBERT R. EGGEN
Spokane, Wash.

*Guest Speaker
Section on Pathology*

This presentation will cover sexual deficiency states and the use of chromosome analysis in their investigation. A thorough discussion will also be held on sex chromatin testing.

11:50 a.m.

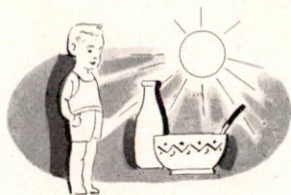
QUESTIONS AND ANSWERS

Tuesday, November 17, 6:30 p.m.

London Club
Sheraton-Dallas Hotel
Southland Center

Reception for members, wives, and guests of the Section on Pathology, sponsored by the Dallas Academy of Pathologists and the Tarrant County Society of Pathologists.

SECTION ON PEDIATRICS



OFFICERS

Chairman

JOHN PAUL JONES, *Richmond, Va.*

Vice-Chairman

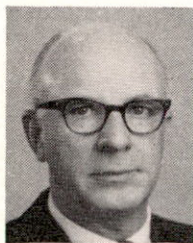
JOSEPH YAMPOLSKY, *Atlanta, Ga.*

Secretary

D. JOSEPH JUDGE, *Anniston, Ala.*

SECTION HOST

JOHN L. BASKIN



GUEST SPEAKER

ALVIN B. HAYLES
Rochester, Minn.

Member, Section of Pediatrics, Mayo Clinic; Professor of Pediatrics, Mayo Graduate School of Medicine of the University of Minnesota at Rochester.

Monday, November 16, 9:00 a.m.

Dallas Memorial Auditorium
Room No. 8

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

**A Joint Meeting of the Sections on
Radiology
General Practice
Pediatrics
Surgery**

See Program on Page 97

MEDICAL ROUNDTABLE LUNCHEON SESSION

The Section on Pediatrics is sponsoring one table at this special session—Table No. 22. Tickets, \$4.25 each, must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

Monday, November 16, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 3

**A Joint Meeting of the Sections on
Anesthesiology
Pediatrics**

See Program on Page 21

Tuesday, November 17, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
Pathology
General Practice
Gynecology
Obstetrics
Pediatrics**

See Program on Page 85

Tuesday, November 17, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 3

**A Joint Meeting of the Sections on
Surgery
Pediatrics**

See Program on Page 105

Tuesday, November 17, 7:00 p.m.

The Fairmont Hotel
Crown Room

Social hour (cash bar) for members,
wives, and guests of the Section on
Pediatrics.

Wednesday, November 18, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 9

8:00 a.m.

**ATYPICAL MYCOBACTERIAL
INFECTION IN CHILDREN**

BETTINA C. HILMAN
and ROBERT WARREN
Shreveport, La.

Presentation by Dr. Warren

Atypical mycobacteria are a hetero-
genous group of microorganisms in-
fecting man and producing localized
or disseminated disease. Infections
with this organism can present prob-
lems of differential diagnosis.

8:20 a.m.

PEPTIC ULCER IN CHILDREN

PAUL J. HUCTION,
LAURANCE N. NICKEY,
and JOHN CAMPBELL
El Paso, Texas

Presentation by Dr. Huchton

The author will discuss the unique
experience of treating, during a seven
year period, 101 children, ages six
months to 16 years, in whom a
diagnosis of acute peptic ulcer was
established radiographically.

8:40 a.m.

**HUMIDIFICATION TO REDUCE RE-
SPIRATORY ILLNESSES IN NURS-
ERY SCHOOL CHILDREN**

CHARLES S. SALE
Norfolk, Va.

Dry heated air with low relative
humidity is a major cause of respira-
tory illness. The various aspects of
this problem will be discussed.

9:00 a.m.

CHILDREN WHO DON'T GROW

ALVIN B. HAYLES
Rochester, Minn.

Guest Speaker
Section on Pediatrics

The author will outline the causes of growth retardation, discuss the differential diagnosis, and review methods of management available.

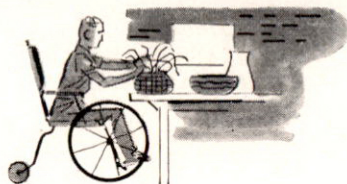
9:35 a.m.

**BUSINESS MEETING,
SECTION ON PEDIATRICS**

9:45 a.m.

**END OF SECTION MEETING.
ADJOURN TO SMA SECOND
GENERAL SESSION,
ROOM NO. 5.**

**SECTION ON
PHYSICAL MEDICINE
AND REHABILITATION**



OFFICERS

Chairman

LESTER E. WOLCOTT, *Columbia, Mo.*

Vice-Chairman

MIECZYSLAW PESZCZYNSKI, *Atlanta, Ga.*

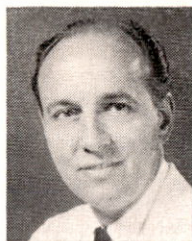
Secretary

JOHN R. SHULL, *Dallas, Texas*

SECTION HOSTS

J. S. DAUGHETY

BILLY BROWN HOOVER



GUEST SPEAKER

GEORGE H. KOEPKE
Ann Arbor, Mich.

Professor, Physical Medicine and Rehabilitation, University of Michigan Medical School.

Monday, November 16, 9:00 a.m.

Dallas Memorial Auditorium
Room No. 5

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

**A Joint Meeting of the Sections on
Industrial Medicine and Surgery
Neurology and Psychiatry
Physical Medicine and Rehabilitation
Plastic and Reconstructive Surgery**

See Program on Page 46

**MEDICAL ROUNDTABLE
LUNCHEON SESSION**

The Section on Physical Medicine and Rehabilitation is sponsoring one table at this special session—Table No. 23. Tickets, \$4.25 each, must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

Monday, November 16, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 1

**A Joint Meeting of the Sections on
Industrial Medicine and Surgery
Physical Medicine and Rehabilitation**

See Program on Page 48

Wednesday, November 18, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 1

8:00 a.m.

**BUSINESS MEETING,
SECTION ON PHYSICAL MEDICINE
AND REHABILITATION**

8:25 a.m.

**RESTORATIVE CARE VERSUS
REHABILITATION**

LESTER E. WOLCOTT
Columbia, Mo.

*Chairman
Section on Physical Medicine
and Rehabilitation*

8:45 a.m.

PHYSICAL THERAPY IN CEREBRAL PALSY—(film)

ROBERT P. CHRISTOPHER
Memphis, Tenn.

In the past 20 years many approaches to the physical management of children with various forms of brain damage have been presented in literature. This film depicts by means of patient demonstrations some of the more commonly used techniques in the management of these children.

The film is a teaching aid for special educators, psychologists, speech therapists, etc., who work with mentally retarded and physically handicapped children.

Discussant:

DAVID HOEHN,
Fort Worth, Texas

9:10 a.m.

COMPARISON OF THE PARAMETERS OF THE EVOKED MUSCLE POTENTIAL WITH MOTOR CONDUCTION VELOCITY AND SEVERITY OF NEUROPATHY

DEMITRI J. GEORGE and
CHARLES R. PETERSON
Houston, Texas

Presentation by Dr. George

Study of parameters of evoked muscle potential in patients with peripheral neuropathy should give useful information on the extent of the neuropathy and may give clues to earlier diagnosis. This work studies the parameters of the evoked muscle potential in extensor digitorum brevis upon stimulation of deep peroneal nerve at the ankle and at the head of the fibula. These parameters have been correlated with motor conduction velocity of the deep peroneal nerve and severity of neuropathy. Results will be presented.

Discussant:

GEORGE H. KOEPKE,
Ann Arbor, Mich.

9:30 a.m.

TIBIAL NERVE CONDUCTION IN PREGNANCY

PHALA HELM, CHARLES R. CRANE,
and CECILIO NEPOMUCENO
Dallas, Texas

Presentation by Dr. Helm

This study was conducted in an attempt to determine if leg symptoms

during pregnancy were related to peripheral nerve involvement. Studies of nerve conduction velocities and terminal delays were done on the tibial nerves bilaterally in 165 pregnant women and compared with controls from women of child-bearing age.

9:45 a.m.

**END OF SECTION MEETING.
ADJOURN TO SMA SECOND
GENERAL SESSION,
ROOM NO. 5.**

Wednesday, November 18, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 1

2:00 p.m.

**AN APPRAISAL OF THE SILICONE
GEL BELOW-THE-KNEE AMPUTA-
TION PROSTHESIS**

GEORGE H. KOEPKE
Ann Arbor, Mich.

*Guest Speaker
Section on Physical Medicine
and Rehabilitation*

A comparison of the interface pressures exerted by different socket materials on a below-the-knee amputation stump has revealed that the pressure distribution is more uniform with the addition of silicone gel to the socket. Amputation stumps that have been considered unacceptable may be fitted successfully with the gel liner.

2:40 p.m.

**THE USE OF DANTROLENE SODI-
UM IN CENTRAL NERVOUS
SYSTEM DISORDERS**

SAMUEL B. CHYATTE and
MR. JACKSON H. BIRDSONG
Atlanta, Ga.

Presentation by Dr. Chyatte

A new muscle relaxant, dantrolene

sodium, was tested in a variety of central nervous system disorders on a double-blind basis. The drug produced a striking clinical decrease in spasticity and changes in motor performance. An industrial engineering system of monitoring motor performance was employed to define and document change in motor ability.

3:00 p.m.

POSTPARTUM HEMIPLEGIA

HERBERT KENT
Oklahoma City, Okla.

Increased recognition and awareness is urged in postpartum patients who develop hemiplegia. In particular, such individuals should have the benefit of recent advances when therapy is considered. Three cases will be cited with discussion of differential diagnosis pitfalls. Incidence for this complication of pregnancy appears greater than has been perceived in the past. Physical medicine and rehabilitation procedures will be outlined to supplement medical and neurosurgical therapy.

3:15 p.m.

INTERMISSION—VISIT EXHIBITS

3:45 p.m.

**LOWER MOTOR NEURON FINDINGS
IN PARAPLEGIA BY ELECTRO-
MYOGRAPHIC TESTING**

CHARLES R. CRANE
and MARJORIE KIRKPATRICK
Dallas, Texas

Presentation by Dr. Kirkpatrick

4:00 p.m.

GAIT ANALYSIS OF NORMAL SUBJECTS

LEWIS A. LEAVITT,
CHARLES R. PETERSON,
MR. JOSEPH CANZONERI,
and EFRAIN N. ZUNIGA
Houston, Texas

Presentation by Dr. Leavitt

Walking is the most universal of all human activities and, although many studies have been accomplished in various abnormal conditions, little detailed analysis has been done on the normal individual. This presentation will cover methodology and results of computer analysis of normal subjects and implications of rehabilitation to patients.

4:20 p.m.

SEGMENTAL ELBOW ULNAR NERVE CONDUCTION VELOCITY IN NORMAL AND WHEELCHAIR PATIENTS

ALEXANDER D. RAPTOU
and CHARLES R. CRANE
Dallas, Texas

Presentation by Dr. Raptou

Segmental ulnar nerve conduction

velocities were determined in normal and wheelchair-bound patients. Normal subjects did not show significant segmental slowing across the ulnar groove at the elbow. In contrast, the wheelchair-bound patient with chronic elbow pressure had a significant segmental decrease in nerve conduction velocity at the elbow.

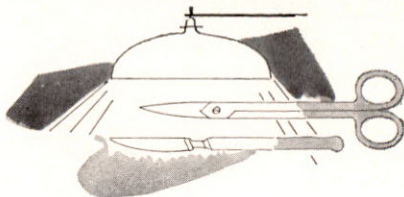
4:40 p.m.

PERONEAL NERVE STIMULATION TECHNIQUES

ISRAEL MUSS
Louisville, Ky.

The question of cross-innervation between the anterior and posterior tibial nerves, which has been a debatable point, will be discussed.

**SECTION ON
PLASTIC AND
RECONSTRUCTIVE SURGERY**



OFFICERS

Chairman

Vice-Chairman

Secretary

Assistant Secretary

WILLIAM T. BERKELEY, *Charlotte, N. C.*

JAMES G. STUCKEY, *Little Rock, Ark.*

WILLIAM E. SCHATTEN, *Atlanta, Ga.*

JOHN B. LYNCH, *Galveston, Texas*

SECTION HOSTS

DEAN C. KIPP

DONALD R. KLEIN



GUEST SPEAKER

MILTON T. EDGERTON, JR.

Charlottesville, Va.

Plastic Surgeon-in-Chief, University
of Virginia Medical Center.

Monday, November 16, 9:00 a.m.

Dallas Memorial Auditorium
Room No. 5

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

**A Joint Meeting of the Sections on
Industrial Medicine and Surgery
Neurology and Psychiatry
Physical Medicine and Rehabilitation
Plastic and Reconstructive Surgery**

See Program on Page 46

**MEDICAL ROUNDTABLE
LUNCHEON SESSION**

The Section on Plastic and Reconstructive Surgery is sponsoring two tables at this special session—Tables No. 24 and 25. For a complete list of topics and moderators, please see pages 120-121.

Monday, November 16, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 5

**A Joint Meeting of the Sections on
Plastic and Reconstructive Surgery
General Practice**

2:00 p.m.

FACIAL FRACTURES

MAURICE J. JURKIEWICZ,
LEONARD T. FURLOW, JR.,
and L. O. VASCUEZ
Gainesville, Fla.

Presentation by Dr. Jurkiewicz

The diagnosis and initial management of patients with all varieties of fractures of the facial skeleton will be emphasized in this discussion. Methods of treatment found useful by the authors over the past eleven years at the University of Florida will be presented.

2:20 p.m.

**FACIAL BONE ANOMALIES AND
THEIR CORRECTION**

MILTON T. EDGERTON, JR.
Charlottesville, Va.

*Guest Speaker
Section on Plastic and
Reconstructive Surgery*

Recent developments in plastic surgery have made possible more meaningful corrections of certain rare congenital deformities of the face and jaws in children. Many of these children have normal intelligence and can be rehabilitated so that they need not be institutionalized, but may enter normal society. These corrections and principles will be illustrated.

Discussant:

THOMAS D. CRONIN,
Houston, Texas

2:50 p.m.

**TEMPOROMANDIBULAR JOINT
CONSTRUCTION**

CLIFFORD C. SNYDER
and ARTHUR K. BENSON
Salt Lake City, Utah

Presentation by Dr. Benson

The purpose of this project is to serve the many who have congenital absence, ankylosis, or traumatic dysfunction of the temporomandibular joint. The entire joint and condylar growth center is constructed by using autologous sternoclavicular joint transplants.

3:05 p.m.

INTERMISSION—VISIT EXHIBITS

3:35 p.m.

**RECOGNITION AND MANAGEMENT
OF INTRAORAL LESIONS**

JOHN B. LYNCH
Galveston, Texas

A variety of benign lesions occur in the oral cavity. These include simple mucous cysts, ranula, a variety of cystic lesions of the mandible and maxilla, benign bony tumors, vascular and lymphatic tumors, and a multitude of other lesions. This presentation will cover the differential diagnostic points of these various lesions with emphasis on differentiation of benign from malignant problems. Treatment for these lesions will be indicated.

3:50 p.m.

**UNUSUAL HEAD AND NECK
LESIONS**

JOHN H. HARTLEY, JR.,
and WILLIAM E. SCHATTEN
Atlanta, Ga.

Presentation by Dr. Hartley

A group of unusual head and neck

lesions will be presented and their differential diagnosis, etiology, and treatment discussed. Some pitfalls in diagnosis and treatment will be brought out.

4:05 p.m.

EMERGENCY CARE OF THERMAL INJURIES

DUANE L. LARSON,
MARIO DOBRKOVSKY,
and SALLY ABSTON
Galveston, Texas

Presentation by Dr. Dobrkovsky

Care of the acutely burned child and adult for the first 72 hours will be presented. Topics to be covered will consist of fluid resuscitation, prevention of sepsis (parenteral and wound therapy), dressings, and early nutrition.

4:20 p.m.

CLINICAL AND LABORATORY EVALUATION OF SKIN GRAFT IMMOBILIZATION

TOLBERT S. WILKINSON
Biloxi, Miss.

F. X. PALETTA
St. Louis, Mo.

Presentation by Dr. Wilkinson

This presentation deals with clinical experience with non-suture methods of skin graft immobilization, primarily in burns. Laboratory studies will be presented.

Monday, November 16, 7:30 p.m.

Chateaubriand Restaurant

Social hour and dinner for members, wives, and guests of the Section on Plastic and Reconstructive Surgery.

Tuesday, November 17, 8:30 a.m.

Dallas Memorial Auditorium
Room No. 5

A Joint Meeting of the Sections on Surgery Industrial Medicine and Surgery Plastic and Reconstructive Surgery

See Program on Page 104

Wednesday, November 18, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 7

8:00 a.m.

AVULSIVE INJURIES OF THE HEEL

JAMES G. STUCKEY
Little Rock, Ark.

The author will discuss avulsive injuries of the heel exposing the Achilles tendon and its insertion. These injuries have been cared for by split-thickness grafting to the entire area, with the expected loss of the graft over the bone and exposed tendon. This is then followed with a delayed local flap from either the medial or lateral aspect of the heel, transferring the flap to cover the exposed tendon and bone. Cases will be presented illustrating this technique.

8:15 a.m.

THE SCULPTURED EAR

DONALD R. KLEIN
Dallas, Texas

An otoplasty procedure for prominent ears will be presented. This technique affords a freedom to model

and mold the ear to a degree thus far unattained with other otoplasty procedures. A better aesthetic result is obtained without a compromise in fundamental surgical principles.

8:30 a.m.

NEUROLOGICAL CHANGES WITH THE EXCESSIVELY LARGE BREAST

BERNARD L. KAYE
Jacksonville, Fla.

The author has consistently found neurological changes in the hands of women with excessively large breasts. These may be related to the weight of the brassiere straps on the shoulders and/or a type of thoracic outlet syndrome. These symptoms should be searched for when examining the patient with excessively large breasts.

8:45 a.m.

REDUCTION MAMMOPLASTY

GEORGE W. HOFFMAN
and RUBEN F. BALLESTEROS
New Orleans, La.

Presentation by Dr. Hoffman

A series of cases utilizing the Strombeck operation for correction of large and pendulous breasts will be presented. Details of the authors' operative experience, as well as postoperative results, will be enumerated.

9:00 a.m.

TREATMENT OF ASYMMETRY OF THE BREASTS

DAVID A. GRANT
Fort Worth, Texas

The author will give an outline and discussion of breast asymmetry and discuss the treatment modalities available for correction. A variety of frequently and infrequently encountered asymmetrical problems will be presented.

9:15 a.m.

GYNECOMASTIA: ETIOLOGY AND MODERN CONCEPTS OF SURGICAL CORRECTION

GORDON S. LETTERMAN,
MAXINE A. SCHURTER,
and JOHN ROUSEY
Washington, D. C.

Presentation by Dr. Letterman

Gynecomastia, or enlargement of the male breast, is a sign associated with physiological states, underlying disease, hormone therapy, or drug administration. Modern concepts of the surgical correction of irreversible gynecomastia will be outlined.

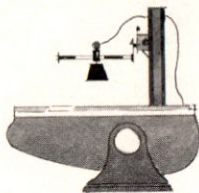
9:30 a.m.

**BUSINESS MEETING,
SECTION ON PLASTIC AND
RECONSTRUCTIVE SURGERY**

9:45 a.m.

**END OF SECTION MEETING.
ADJOURN TO SMA SECOND
GENERAL SESSION,
ROOM NO. 5.**

**SECTION ON
RADIOLOGY**



OFFICERS

Chairman

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

Chairman-Elect

JAMES V. ROGERS, JR., *Atlanta, Ga.*

Secretary

PHILLIP W. VOLTZ, JR., *San Antonio, Texas*

SECTION HOST

R. W. PERRIN



GUEST SPEAKER

JOHN A. KIRKPATRICK, JR.
Philadelphia, Pa.

Radiologist, St. Christopher's Hospital for Children; Professor of Radiology, Temple University School of Medicine.

Monday, November 16, 9:00 a.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
Radiology
General Practice
Pediatrics
Surgery**

**SYMPOSIUM ON INTESTINAL
OBSTRUCTION IN THE NEWBORN**

Moderator:

EDWARD B. SINGLETON,
Houston, Texas

9:00 a.m.

MEDICAL ASPECTS

ALVIN B. HAYLES
Rochester, Minn.

*Guest Speaker
Section on Pediatrics*

9:20 a.m.

RADIOLOGICAL ASPECTS

JOHN A. KIRKPATRICK, JR.
Philadelphia, Pa.

*Guest Speaker
Section on Radiology*

9:40 a.m.

SURGICAL ASPECTS

A. W. WILKINSON
London, England

Guest Speaker
Section on Surgery

10:00 a.m.

DISCUSSION, QUESTIONS, AND ANSWERS

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

PANEL DISCUSSION: CASE PRESENTATIONS—INTESTINAL OBSTRUCTION IN THE NEWBORN

Moderator:

EDWARD B. SINGLETON,
Houston, Texas

Panelists:

ALVIN B. HAYLES,
Rochester, Minn.

JOHN A. KIRKPATRICK, JR.,
Philadelphia, Pa.

A. W. WILKINSON,
London, England

Individual case presentations will be made to the panel which will be of general interest to general practitioners, pediatricians, radiologists, and surgeons.

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

MEDICAL ROUNDTABLE LUNCHEON SESSION

The Section on Radiology is spon-

soring two tables at this special session—Tables No. 26 and 27. Tickets, \$4.25 each, must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

Monday, November 16, 1:30 p.m.

Dallas Memorial Auditorium
Room No. 7

A Joint Meeting of the Section on Radiology and the

Radiological Society of North America

1:30 p.m.—Refresher Course No. 1

BLUNT ABDOMINAL TRAUMA—PART I

JAMES J. McCORT
San Jose, Calif.

This course will include technique of examination, intraperitoneal bleeding, retroperitoneal bleeding, and delayed ruptures.

3:00 p.m.

INTERMISSION—VISIT EXHIBITS

3:30 p.m.—Refresher Course No. 2

URINARY TRACT PROBLEMS IN THE PEDIATRIC PATIENT

EDWARD B. SINGLETON
Houston, Texas

Urinary tract abnormalities of the pediatric patient may be classified as congenital or acquired. This instruction course will consider primarily congenital renal abnormalities with special emphasis on the radiologic classification of renal cystic disease. Consideration of renal and retroperi-

toneal neoplasms will also be given with special emphasis on the radiologic approach to technique of examination. Discussion of urinary tract infection including the controversy regarding vesicoureteral reflux will be included.

Monday, November 16, 6:30 p.m.

Sheraton-Dallas Hotel
Houston Room

Reception for members, wives, and guests of the Section on Radiology, sponsored by the Dallas-Fort Worth Radiological Society, 6:30-7:30 p.m.

Tuesday, November 17, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 7

**A Joint Meeting of the Section on
Radiology
and the
Radiological Society of North America**

8:00 a.m.—Refresher Course No. 3

**DISTURBANCES IN AERATION—
RADIOLOGIC ASPECTS**

JOHN A. KIRKPATRICK, JR.
Philadelphia, Pa.

The roentgen manifestation of a variety of abnormalities, congenital and acquired, that may be symptomatic in the infant and child are often manifested only by disturbances of aeration. There may be diffuse overaeration as is seen so frequently as a manifestation of acute inflammatory disease in the young infant, or asthma, or cystic fibrosis in the older child. The disturbed aeration may be segmental in nature

as may be seen with certain anomalies of the great vessels and ingested foreign bodies as well as congenital anomalies of the tracheo-bronchial tree. In other instances, interstitial emphysema may be the significant finding and its relationship to pneumomediastinum and pneumothorax will be discussed.

9:30 a.m.

INTERMISSION—VISIT EXHIBITS

10:00 a.m.—Refresher Course No. 4

**BLUNT ABDOMINAL TRAUMA:
SPECIFIC MANIFESTATIONS AND
SYNDROMES—PART II**

JAMES J. McCORT
San Jose, Calif.

In this course the following will be considered: the spleen, liver, gall bladder and common duct, intestinal tract, pancreas, battered children, and seat belt injuries.

Tuesday, November 17, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 7

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

2:00 p.m.

**REMOVAL OF RESIDUAL COMMON
DUCT STONE THROUGH THE
T-TUBE TRACT**

WILLIAM J. BEAN and
HOWARD R. MAHORNER
New Orleans, La.

Presentation by Dr. Bean

A method of nonsurgical removal of retained common or hepatic duct

stones via a patent T-Tube tract will be presented. A stone looping catheter is manipulated under direct fluoroscopic control and the individual residual stone removed. The authors' experience and results of a number of cases will be presented.

2:15 p.m.

**INTRACRANIAL MENINGIOMAS:
ROENTGENOGRAPHIC ASPECTS
IN 94 CASES**

BUELL C. BUCHEL,
DANIEL H. JOHNSON, JR.,
and BRUCE SAAL
New Orleans, La.

Presentation by Dr. Johnson

Meningioma is an important intracranial tumor because of its relatively high incidence. A comprehensive study of 94 cases of intracranial meningioma at the Ochsner Clinic details the clinical course and radiographic findings in each case. Classical plain film and angiographic findings will be discussed and several unusual cases presented.

2:30 p.m.

**EXAMINATION OF THE ESOPHAGUS
IN RELATIONSHIP TO PULMONARY
DISEASE**

JOHN A. KIRKPATRICK, JR.
Philadelphia, Pa.

Guest Speaker
Section on Radiology

Disorders of the esophagus, including abnormalities in the swallowing function, may manifest in the infant and young child by chronic or recurrent pulmonary problems. The technique of examination of the esophagus will be discussed as well as specific entities such as pharyngeal incoordination, obstructing lesions of the esophagus, tracheo-esophageal fistula and selected vascular anomalies at the base of the heart.

3:00 p.m.

**BUSINESS MEETING,
SECTION ON RADIOLOGY**

3:10 p.m.

INTERMISSION—VISIT EXHIBITS

JAMES V. ROGERS, JR.,
Atlanta, Ga., presiding

3:40 p.m.

**COLON SPHINCTER SPASM
SIMULATING MALIGNANCY**

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

Chairman
Section on Radiology

Twenty cases of colon sphincter spasm will be presented. Transient areas of spasm are seen routinely during barium studies by the roentgenologist. There are documented colon sphincters to be considered when this does occur. The location of these sphincters and the differential diagnosis from malignancy as regards the clinical and radiological findings will be reviewed.

4:00 p.m.

**NEUROGENIC PULMONARY EDEMA:
OBSERVATIONS IN SIX PATIENTS**

ALVIN H. FELMAN
Gainesville, Fla.

Patients with neurogenic pulmonary edema related to brain trauma or chronically increased intracranial pressure which precipitated pulmonary edema have been studied. Early recognition may avoid confusion with congestive heart failure. This distinction is important since drugs usually used in treating heart failure are likely to increase the severity of neurogenic pulmonary edema.

4:15 p.m.

ARTERIOGRAPHY AND VENOGRAPHY IN THE ASSESSMENT OF THORACIC OUTLET SYNDROME

ERICH K. LANG
Shreveport, La.

Transfemoral antegrade arteriography is recommended for optimal assessment of thoracic outlet syndromes. This technique permits investigation in varied positions and under conditions of normal tonus for identification of multiple concomitantly occurring and otherwise elusive lesions. The contribution of arteriography and venography toward the diagnosis of thoracic outlet syndromes will be assessed.

4:30 p.m.

REACTIONS TO INTRAVENOUS IODIDES IN UROGRAPHY: ANALYSIS OF 25,000 CASES WITH SPECIAL REFERENCE TO WEIGHT DOSE RELATIONSHIP

MARIO A. CALONJE and
SEYMOUR F. OCHSNER
New Orleans, La.

Presentation by Dr. Calonje

Serious reactions continue to occur during intravenous urography. This paper will give an overall review of experience with reactions occurring in excretory urography. Included in the presentation will be an analysis of the patients' weight in relation to the dosage or intravenous iodide upon the incidence and severity of reactions and suggested optional dosage range.

4:45 p.m.

THE CLINICAL ADVANTAGES OF ROUTINE LARGE DOSE UROGRAPHY IN OVER 25,000 CASES

PHILLIP W. VOLTZ, JR.,
BEN M. LOGAN, and
HUGH L. WOLFF
San Antonio, Texas

Presentation by Dr. Logan

The radiological and clinical advan-

tages of routine large dose urography will be presented covering seven years' experience with over 25,000 cases.

5:00 p.m.

CLOSING REMARKS

Wednesday, November 18, 1:30 p.m.

Dallas Memorial Auditorium
Room No. 7

**A Joint Meeting of the Section on
Radiology
and the
Radiological Society of North America**

1:30 p.m.—Refresher Course No. 5

RADIOTHERAPY IN THE DEFINITIVE MANAGEMENT OF BREAST CANCER

ELEANOR D. MONTAGUE
Houston, Texas

The place of radiotherapy in the definitive management of breast cancer will be discussed including the use of radiotherapy in the early and late stages of cancer, both preoperatively and postoperatively.

3:00 p.m.

INTERMISSION—VISIT EXHIBITS

PHILLIP W. VOLTZ, JR.,
San Antonio, Texas, presiding

3:30 p.m.

**COMBINED CHEMOTHERAPY—
RADIOTHERAPY PROGRAM FOR
ADVANCED HODGKIN'S DISEASE
AND RETICULUM CELL SARCOMA**

JESS F. GAMBLE,
LILLIAN M. FULLER,
and C. C. SHULLENBERGER
Houston, Texas

Presentation by Dr. Fuller

A combined approach to the treatment of Stage III A and III B Hodgkin's disease will be presented in terms of rationale, chemotherapeutic agents, radiotherapy techniques, and results. In an attempt to improve the incidence of local control of reticulum cell sarcoma of the abdomen, a number of patients were treated initially with chemotherapy. These results will be presented for Stages I, II, and III.

4:00 p.m.

**THE MANY FACES OF METASTATIC
RENAL CARCINOMA**

IRVING J. WEIGENBERG
St. Louis, Mo.

Renal carcinoma may present with many manifestations which do not appear neoplastic in nature and even whose renal origin may defy recognition. This is particularly true of isolated metastases, which may mimic primary tumors of the area in which they are located. Several interesting cases of unusual metastases will be presented.

4:20 p.m.

CONTRAST LARYNGOGRAPHY

W. J. KILMAN
Dallas, Texas

Laryngography is a simple and safe procedure for delineating laryngeal and hypopharyngeal lesions. Its best application is in staging malignant tumors and frequently yields information about extensive tumors not discovered by other methods. It is complimentary rather than competitive to direct and mirror examination of the larynx and hypopharynx.

4:40 p.m.

**HYDROXYUREA AND RADIO-
THERAPY IN ADVANCED CANCER**

DAVID H. HUSSEY
and MELVIN L. SAMUELS
Houston, Texas

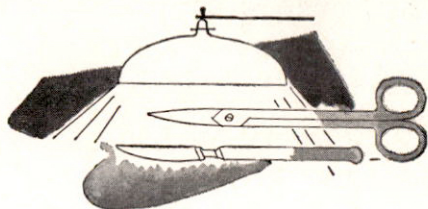
Presentation by Dr. Hussey

A pilot study was instituted with combined hydroxyurea and external radiotherapy in an attempt to improve local control of patients with far advanced primary tumors, mainly patients with far advanced head and neck tumors. The schedule of combination therapy and the results were sufficiently promising that a controlled study is planned.

5:00 p.m.

CLOSING REMARKS

SECTION ON SURGERY



OFFICERS

Chairman

H. HARLAN STONE, *Atlanta, Ga.*

Vice-Chairman

CHARLES E. EASTRIDGE, *Memphis, Tenn.*

Secretary

HIRAM C. POLK, JR., *Miami, Fla.*

SECTION HOST

CHARLES R. BAXTER

PHOTO
NOT
AVAILABLE

GUEST SPEAKER

A. W. WILKINSON
London, England

Nuffield Professor of Paediatric Surgery, Institute of Child Health, University of London, The Hospital for Sick Children.

Monday, November 16, 9:00 a.m.

Dallas Memorial Auditorium
Room No. 8

Monday, November 16, 12:15 p.m.

Dallas Memorial Auditorium
Room No. 10

**A Joint Meeting of the Sections on
Radiology
General Practice
Pediatrics
Surgery**

See Program on Page 97

LUNCHEON SESSION MEDICAL ROUNDTABLE

The Section on Surgery is sponsoring two tables at this special session—Tables No. 28 and 29. Tickets, \$4.25 each, must be purchased in advance. For a complete list of topics and moderators, please see pages 120-121.

Monday, November 16, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 8

**A Joint Meeting of the Sections on
Gastroenterology
Colon and Rectal Surgery
Surgery**

See Program on Page 35

Monday, November 16, 7:00 p.m.

Chaparral Club
Southland Center Building

Reception and dinner for members, wives, and guests of the Section on Surgery, \$17.50 per person. For advance reservations contact Charles R. Baxter, M.D., University of Texas Southwestern Medical School, 5323 Harry Hines Boulevard, Dallas, Texas 75235.

Tuesday, November 17, 8:30 a.m.

Dallas Memorial Auditorium
Room No. 5

**A Joint Meeting of the Sections on
Surgery
Industrial Medicine and Surgery
Plastic and Reconstructive Surgery**

8:30 a.m.

BLUNT ABDOMINAL TRAUMA

J. D. RICHARDSON,
R. P. BELIN, and
WARD O. GRIFFEN, JR.
Lexington, Ky.

Presentation by Dr. Richardson

A study of 317 patients with blunt abdominal trauma highlights the im-

portant diagnostic and therapeutic principles.

8:40 a.m.

**STRESS ULCERS OF THE
GASTROINTESTINAL TRACT**

H. C. PATTERSON
Chapel Hill, N. C.

Patients with stress ulcer accounted for 17 of 22 deaths among 544 patients operated upon for duodenal ulceration. Prognostic and therapeutic implications will be discussed.

Discussants for preceding papers:

D. L. BRICKER,
Houston, Texas

E. S. LINDSEY,
New Orleans, La.

9:00 a.m.

**MANAGEMENT OF METACARPAL-
PHALANGEAL FRACTURES**

P. M. WEEKS
Lexington, Ky.

The principles critical to successful immediate and delayed repair of metacarpal and phalangeal fractures will be illustrated by exemplary cases traced to final result.

9:10 a.m.

METACARPAL TRANSFER

A. G. BEVIN
Chapel Hill, N. C.

The surgical technique of this versatile reconstructive procedure will be illustrated as will the cosmetic and functional results.

Discussants for preceding papers:

P. W. BLACK,
Atlanta, Ga.

E. C. SHERLOCK,
Birmingham, Ala.

9:30 a.m.

**DIAGNOSIS AND LOCALIZATION OF
ACUTE TRAUMATIC VASCULAR
INJURY BY ULTRASONIC DOPPLER**

J. H. HENZEL, E. L. LICHTI, Ph.D.,
T. G. ERICKSON, and M. S. DeWEESE
Columbia, Mo.

Presentation by Dr. Henzel

The use of the Doppler flowmeter allows accurate differentiation between arterial spasm and mechanical obstruction following vascular injuries. Clinical examples will be utilized to demonstrate methodology.

9:40 a.m.

**TRAUMATIC ABDOMINAL
AORTIC OCCLUSION**

E. R. THAL,
M. O. PERRY, and
J. C. CRIGHTON
Dallas, Texas

Presentation by Dr. Thal

Subintimal dissection following blunt trauma may produce acute occlusion of the abdominal aorta, requiring emergency vascular reconstruction.

Discussants for preceding papers:

G. L. HALLMAN,
Houston, Texas
G. D. PERDUE,
Atlanta, Ga.

10:00 a.m.

THE SECOND EDGE OF THE SWORD

H. HARLAN STONE
Atlanta, Ga.
Chairman
Section on Surgery

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

11:00 a.m.

PANEL DISCUSSION: TRAUMA

Moderator:

H. HARLAN STONE,
Atlanta, Ga.

Panelists:

JEROME E. ADAMSON,
Norfolk, Va.
JOHN L. SAWYERS,
Nashville, Tenn.
C. S. WILLIAMS,
New Orleans, La.
J. L. RATLIFF,
Bethesda, Md.

Tuesday, November 17, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 5

**A Joint Meeting of the Sections on
Surgery
Pediatrics**

2:00 p.m.

**PANEL DISCUSSION: THYROID
AND PARATHYROID DISEASE IN
CHILDREN AND ADULTS**

Moderator:

D. JOSEPH JUDGE,
Anniston, Ala.

Panelists:

M. A. BLOCK,
Detroit, Mich.
ALVIN B. HAYLES,
Rochester, Minn.
R. M. YEAGER,
New Orleans, La.

3:00 p.m.

THE IMPORTANCE OF TORGERSEN'S MUSCLE IN INFANTILE HYPERTROPHIC PYLORIC STENOSIS

E. I. SMITH
and LEONARD E. SWISCHUK
Oklahoma City, Okla.

H. HARLAN STONE
Atlanta, Ga.

Presentation by Dr. Smith

The role of this little known structure in precipitating obstruction and in causing persistent postoperative vomiting will be emphasized.

Discussant:

R. C. MILLER,
Jackson, Miss.

3:15 p.m.

INTERMISSION—VISIT EXHIBITS

3:45 p.m.

SACROCOCCYGEAL TERATOMA

B. M. DILLARD
Clayton, Mo.

Roentgenographic signs, surgical technique, pathologic specimens, and postoperative results will be drawn from a personal experience with 24 cases.

3:55 p.m.

TECHNICAL AIDS IN REPAIR OF GIANT VENTRAL HERNIAS IN CHILDREN

M. G. GILBERT
and L. F. MENCIA
Miami, Fla.

Presentation by Dr. Gilbert

Combinations of pneumoperitoneum

and prosthetic materials have greatly facilitated successful closure of giant ventral hernias secondary to omphalocele or gastroschisis.

Discussants for preceding papers:

L. H. GRAIVIER,
Dallas, Texas

R. G. ALLEN,
Memphis, Tenn.

4:15 p.m.

ANGIOGRAPHIC, HEMODYNAMIC, AND CLINICAL EVALUATION OF PARTIAL OCCLUSION OF INFERIOR VENA CAVA

S. R. MANDEL,
G. JOHNSON, JR.,
and J. H. CAPPS
Chapel Hill, N.C.

Presentation by Dr. Mandel

Complete, lengthy follow-up evaluations indicate the relative efficacy of partially occluding procedures upon the inferior vena cava for prevention of pulmonary embolism.

4:30 p.m.

SPECIAL PROBLEMS IN NEONATAL SURGERY

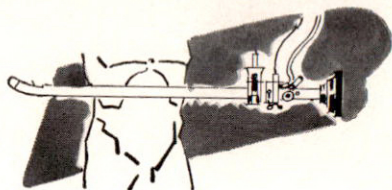
A. W. WILKINSON
London, England

Guest Speaker
Section on Surgery

5:00 p.m.

**BUSINESS MEETING,
SECTION ON SURGERY**

SECTION ON UROLOGY



OFFICERS

Chairman

F. BRANTLEY SCOTT, *Houston, Texas*

Vice-Chairman

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

Secretary

IAN M. THOMPSON, *Columbia, Mo.*

SECTION HOST

MELVIN C. KADESKY



GUEST SPEAKER

HERBERT BRENDLER

New York, N.Y.

Professor and Chairman, Department
of Urology, Mt. Sinai Medical Center.

Tuesday, November 17, 6:00 p.m.

Dallas Athletic Club
207 North St. Paul Street

Wednesday, November 18, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 2

Members and guests of the Section on Urology are invited to participate in The Intercity Urologic Meeting at the Dallas Athletic Club. The evening will consist of a social hour, dinner, and the Harry Spence Pyelogram Conference. Cost will be prorated among those attending (average cost \$7.50).

8:00 a.m.

COEXISTENCE OF CARCINOMA AND CYST: PROBLEMS IN MANAGEMENT

MELVIN GROSS
Irving, Texas

PRINCE D. BEACH
Houston, Texas

Presentation by Dr. Gross

The problems in management of a

renal cyst consists of its differentiation from neoplasm and the fact that cyst and carcinoma can coexist. To clarify this situation, literature and cases will be reviewed and the use of radiologic techniques discussed. Management of these cases will be outlined.

8:10 a.m.

ASSESSMENT OF AVASCULAR MASS LESIONS BY ARTERIOGRAPHY, CYST PUNCTURE, DOUBLE CONTRAST STUDY, AND HISTOCHEMICAL AND HISTOPATHOLOGICAL EXAMINATION OF THE ASPIRANT

ERICH K. LANG, B. JOHNSON,
H. L. CHANCE, J. R. ENRIGHT,
B. E. TRICHEL, M. WOOD,
R. BROWN, and E. C. ST. MARTIN
Shreveport, La.

Presentation by Dr. Wood

The use of nephrotomography or renal angiography in conjunction with cyst puncture and double contrast studies of renal cysts is advocated to exclude the possibility of unidentified associated neoplastic lesions.

8:20 a.m.

TREATMENT OF TESTICULAR TUMORS: A REPORT OF 104 TESTICULAR TUMORS FROM THE HENRY FORD HOSPITAL

JAMES W. HENDRICK
Cleveland, Ohio

A. WAITE BOHNE
Detroit, Mich.

Presentation by Dr. Bohne

Presenting symptoms, histology, methods of diagnosis, and modalities of therapy will be discussed. The five year nonrecurrence rate will be analyzed in light of these factors.

8:30 a.m.

SECONDARY CARCINOMA OF THE TESTIS

DOUGLAS E. JOHNSON,
LAWRENCE JACKSON,
and A. G. AYALA
Houston, Texas

Presentation by Dr. Johnson

The clinical and histologic findings in 23 patients with metastatic carcinoma to the testis will be presented. The sites of the primary tumors included the skin, lung, prostate, kidney, adrenal, penis, bladder, and nasopharynx. Although metastases to the testis are rare, the diagnosis of a secondary carcinoma should be suspected in any patient with a testicular enlargement who is older than 50 years of age.

8:40 a.m.

TUMORS OF THE ADRENAL GLANDS

JAMES W. HENDRICK
Cleveland, Ohio

A. WAITE BOHNE and
PHILIP L. DAMSTRA
Detroit, Mich.

Presentation by Dr. Hendrick

Forty-one patients with adrenal tumors were seen at the Henry Ford Hospital from 1959 to 1969. These consisted of pheochromocytomas, aldosterone tumors, or Cushing's syndrome. Methods of diagnosis, pathology of the tumors, surgical technique, and results of therapy will be presented.

8:55 a.m.

CLINICAL SENSE AND URODYNAMICS

F. BRANTLEY SCOTT
Houston, Texas

*Chairman
Section on Urology*

Urodynamic studies will be discussed in relation to clinical findings in patients with disorders of urination.

9:15 a.m.

RENAL CELL CARCINOMA: CLINICAL AND LABORATORY STUDIES

HERBERT BRENDLER
New York, N.Y.
Guest Speaker
Section on Urology

Radical nephrectomy represents the treatment of choice for renal cell carcinoma (hypernephroma). The results generally correlate well with the histological grade of the tumor. Preoperative radiotherapy appears to be of value. Regional perfusion with chemotherapeutic agents will be discussed. The inhibitory effects of serum from patients with this disease on tissue cultures of renal carcinoma will also be described.

9:45 a.m.

**END OF SECTION MEETING.
ADJOURN TO SMA SECOND
GENERAL SESSION, ROOM NO. 5.**

Wednesday, November 18, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 2

2:00 p.m.

PANEL DISCUSSION: MANAGEMENT OF GENITOURINARY TUMORS

Moderator:

MARVIN W. WOODRUFF,
Albany, N.Y.

Panelists:

TERRY D. ALLEN,
Dallas, Texas

A. WAITE BOHNE,
Detroit, Mich.

DONALD McDONALD,
Galveston, Texas

EUGENE F. POUTASSE,
Norfolk, Va.

HOWARD M. RADWIN,
San Antonio, Texas

3:15 p.m.

INTERMISSION—VISIT EXHIBITS

SYMPOSIUM ON TIPS AND TECHNIQUES

Moderators:

HERBERT BRENDLER,
New York, N.Y.

MARVIN W. WOODRUFF,
Albany, N.Y.

3:45 p.m.

THE UNDEFLATABLE FOLEY BAG

EVERETT ANDERSON and
JOHN E. DEES
Durham, N.C.

Presentation by Dr. Anderson

3:48 p.m.

NEW CONCEPTS IN THE TREATMENT OF IDIOPATHIC HYPERCALCIURIA

DON GRIFFITH and
F. BRANTLEY SCOTT
Houston, Texas

Presentation by Dr. Scott

3:53 p.m.

FROM VASECTOMY TO NEPHROURETERECTOMY

FLETCHER C. DERRICK, JR.
Charleston, S.C.

3:58 p.m.

THE WAY WE TREAT REFLUX

CHARLES J. DEVINE, JR.
Norfolk, Va.

4:02 p.m.

PERINEAL URETHROSTOMY

RAINER M. E. ENGEL
Baltimore, Md.

4:05 p.m.

**ANTERIOR URETHRAL TRANS-
POSITION**

JAY Y. GILLENWATER
Charlottesville, Va.

4:09 p.m.

**THE RAPID SUBMUCOSAL TUNNEL
AND THE HAG BAG**

ROGER V. HAGLUND
Tulsa, Okla.

4:13 p.m.

**SKIN FLAPS IN HYPOSPADIAS
REPAIR**

DONALD B. HALVERSTADT
Oklahoma City, Okla.

4:17 p.m.

CLOSED SUPRAPUBIC CYSTOTOMY

LONNIE W. HOWERTON, JR.
Louisville, Ky.

4:21 p.m.

SEARCH FOR THE NEEDLE

D. F. MILAM, JR.
Morgantown, W. Va.

4:25 p.m.

THE NASHVILLE SOUND

TOM E. NESBITT
Nashville, Tenn.

4:30 p.m.

**TRICKS IN SUPRAPUBIC
PROSTATECTOMY**

EUGENE F. POUTASSE
Norfolk, Va.

4:35 p.m.

ILEAL LOOP STOMA

ROBERT K. RHAMY
Nashville, Tenn.

4:40 p.m.

THE FOLEY AS A SUMP

HERBERT SCHWARZ
Baltimore, Md.

4:43 p.m.

**SIMPLE URETHRECTOMY FOR
CANCER OF THE BLADDER**

JOHN L. SIMMONS
St. Louis, Mo.

4:47 p.m.

**THE VAS AS A DISSECTION GUIDE
IN RADICAL RETROPUBICS**

J. W. VILDIBILL, JR.
Lafayette, La.

4:55 p.m.

**BUSINESS MEETING,
SECTION ON UROLOGY**

Thursday, November 19, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 2

8:00 a.m.

**TREATMENT OF URETHRAL
STRICTURES WITH OTIS
INTERNAL URETHROTOMY**

RAINER M.E. ENGEL
Baltimore, Md.

The use of the Otis urethrotome in the treatment of established strictures of the urethra will be discussed in relation to long-term results.

8:10 a.m.

**EXPERIENCE WITH URETERAL
ECTOPIA: A REVIEW OF 40 CASES**

WILLIAM BRANNAN
New Orleans, La.

HECTOR H. HENRY
Charlotte, N. C.

Presentation by Dr. Henry

The clinical picture and panorama of findings in a large series of ectopic ureters will be discussed in light of the results of management of this condition.

8:20 a.m.

**THE ROLE OF URETEROVESICAL
REFLUX IN THE PRODUCTION OF
PROGRESSIVE RENAL
INSUFFICIENCY**

JOHN L. SIMMONS
St. Louis, Mo.

Vesicoureteral reflux productive of renal atrophy in adults indicates the progressive nature of the disease. The good results of reimplantation in

children demonstrate that the duration of reflux should not be a factor in defining the need for surgery.

8:30 a.m.

**QUANTITATIVE URINARY CATALASE
MEASUREMENT: A NEW MASS
SCREENING DEVICE FOR BACTERIOLOGIC
AND CELLULAR URINE
ABNORMALITY**

MARVIN W. WOODRUFF
Albany, N.Y.

The results of a large experience with quantitative catalase measurement for urine cellular and bacteriologic abnormality indicate that it is a reliable screening test.

8:40 a.m.

**URINARY TRACT INFECTION:
COLCHICINE AND THE HOST
DEFENSE MECHANISM**

HERBERT SCHWARZ
Baltimore, Md.

Analysis of urinary infections in gouty patients on colchicine has led to the conclusion that colchicine may have a profound effect upon the phagocytosis which would be the normal complement of host reaction to infection.

**SYMPOSIUM ON WHAT'S NEW IN GU
AT SOUTHERN MEDICAL CENTERS**

Moderators:

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

EUGENE F. POUTASSE,
Norfolk, Va.

F. BRANTLEY SCOTT,
Houston, Texas

CAMEO PRESENTATIONS

9:00 a.m.

SALVAGE OF RENAL ALLOGRAFTS FOLLOWING UROLOGIC COMPLICATIONS

EVERETT ANDERSON
Durham, N. C.

9:05 a.m.

GOLD LEAF, SUTURES, AND KEFLIN

FLETCHER C. DERRICK
Charleston, S. C.

9:10 a.m.

GLANDAR V. FLAP IN HYPOSPADIAS

CHARLES J. DEVINE, JR.
Norfolk, Va.

9:15 a.m.

ASSESSMENT OF TOTAL AND DIFFERENTIAL RENAL FUNCTION WITH THE HIPPURAN RENAL SCAN

BLACKWELL B. EVANS
New Orleans, La.

9:20 a.m.

EFFECTS OF PREOPERATIVE STATE OF HYDRATION AND SOLUTE BAL- ANCE ON THE RENAL AND CARDIAC RESPONSES TO ANESTHESIA

JAY Y. GILLENWATER
Charlottesville, Va.

9:30 a.m.

STOMATOLOGY

HENRY N. HABIB
Kansas City, Mo.

9:40 a.m.

EPIDIDYMYTIS AFTER VASAL CRUSH

ROGER V. HAGLUND
Tulsa, Okla.

9:45 a.m.

HYPEROXALURIA AND TRANSPLANTATION

DONALD B. HALVERSTADT
Oklahoma City, Okla.

9:50 a.m.

RENAL ISCHEMIA AND HYPERTEN- SION FROM A CONSTRICTIVE PERIRENAL HEMATOMA

ARTHUR A. HELLEBUSCH
Lexington, Ky.

10:00 a.m.

INTERMISSION—VISIT EXHIBITS

10:30 a.m.

RENAL SONOGRAPHY: AN AID IN THE DIAGNOSIS OF RENAL MASSES

LAWRENCE JACKSON
Houston, Texas

10:35 a.m.

LEUKEMIC INFILTRATION OF THE PROSTRATE

J. EARNEST LATHAM
and ARDEN WEATHERS
Greenville, S. C.

Presentation by Dr. Latham

10:40 a.m.

THE STRUCTURING OF A PLANNED PARENTHOOD VASECTOMY CLINIC

ABLE J. LEADER
Houston, Texas

10:45 a.m.

TELEVISION IN UROLOGY

ALBERT W. BIGGS
and HAROLD MacDONALD
Memphis, Tenn.

Presentation by Dr. MacDonald

10:55 a.m.

**BONE MARROW STUDIES IN
CANCER OF THE PROSTATE**

DONALD J. MEHAN
St. Louis, Mo.

11:00 a.m.

**A COMPLICATION OF CRYO-
SURGERY OF THE PROSTATE**

D. F. MILAM, JR.
Morgantown, W. Va.

11:05 a.m.

**SURGICAL TREATMENT OF
PEYRONIE'S DISEASE**

EUGENE F. POUTASSE
Norfolk, Va.

11:10 a.m.

**UROLOGY AND THE CORE
CURRICULUM**

HOWARD M. RADWIN
San Antonio, Texas

11:15 a.m.

**MAGNIFICATION TECHNIQUES IN
UROGRAPHY**

ROBERT K. RHAMY
Nashville, Tenn.

11:20 a.m.

**REPLACEMENT OF THE AORTA
WITH AUTOLOGOUS VENA CAVA**

GILBERT ROSS, JR.
Columbia, Mo.

11:25 a.m.

**CURRENT CONCEPTS IN THE
ETIOLOGY AND TREATMENT OF
POSTOBSTRUCTIVE DIURESIS**

MELVYN A. ANHALT,
EUGENE C. CARLTON, and
F. BRANTLEY SCOTT
Houston, Texas

Presentation by Dr. Scott

11:30 a.m.

**THE MULTIDISCIPLINARY CON-
GENITAL BIRTH DEFECTS CLINIC:
THE NEED FOR A PEDIATRIC
UROLOGIST**

HERBERT SCHWARZ
Baltimore, Md.

11:35 a.m.

**URETEROILEOSTOMY IN
DUPLICATED SYSTEMS**

JOHN L. SIMMONS
St. Louis, Mo.

11:40 a.m.

DISCUSSION PERIOD

**MEDICAL STUDENT REPRESENTATIVES
TO THE
SOUTHERN MEDICAL ASSOCIATION'S
64th ANNUAL MEETING**

15TH ANNUAL MSR PROGRAM

November 15-19

Dallas, Texas

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 64th 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, at the annual meeting. 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 115, 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

George H. Yeager, *Chairman*
Linton H. Bishop, Jr.
Albert C. Esposito
Oscar B. Hunter, Jr.
Nime K. Joseph
William L. Macon, Jr.
G. Gordon McHardy
Buford Word

SCHEDULE OF ACTIVITIES
FOR
MEDICAL STUDENT REPRESENTATIVES

Sunday, November 15

12:00 noon

Arrival—Plan to arrive in Dallas by noon. Check into the Adolphus Hotel. Medical Student Representatives will share twin rooms reserved by the Association unless accompanied by spouse.

1:00 p.m.

SMA Registration, Fairmont Hotel, Lobby.

Important: Advise SMA registration personnel that you are an official Medical Student Representative; your badge will be ready for you.

2:00 p.m.

Orientation Session, Fairmont Hotel, Parisian Room. See program on page 116.

7:00-8:30 p.m.

SMA President's Reception, Fairmont Hotel, Gold Room.

Monday, November 16

8:00 a.m.-5:00 p.m.

SMA Scientific Sessions, Exhibits, etc., Dallas Memorial Auditorium.

6:30-9:30 p.m.

15th Annual Medical Student Representatives Social Hour and Dinner, Fairmont Hotel, Gold Room.

Tuesday, November 17

8:00 a.m.-5:00 p.m.

SMA Scientific Sessions, Exhibits, etc., Dallas Memorial Auditorium.

12:15-2:00 p.m.

SMA First General Session—President's Luncheon, Fairmont Hotel, Gold Room. Medical Student Representatives will be special guests of the President. See Martha D. Hooks, SMA Executive Office, Fairmont Hotel, Executive Room, for location of reserved tables and complimentary tickets.

Wednesday, November 18

8:00 a.m.-5:00 p.m.

SMA Scientific Sessions, Exhibits, etc., Dallas Memorial Auditorium.

10:00 a.m.-12:30 p.m.

SMA Second General Session, Dallas Memorial Auditorium, Room No. 5.

6:30 p.m.

SMA President's Night, Fairmont Hotel—Hospitality Hour, 6:30-7:30 p.m., Regency Ballroom; Dinner Dance, 7:30 p.m., Regency Ballroom. Medical Student Representatives will be special guests of the President. See Martha D. Hooks for location of reserved tables and complimentary tickets.

Thursday, November 19

8:30 a.m.

Breakfast Meeting with the Committee on Medical Students and the Executive Committee of the Council. Fairmont Hotel, Gold Room.

10:00-11:30 a.m.

SMA Student Seminar, Dallas Memorial Auditorium. See program on page 117.

**ORIENTATION SESSION
FOR
MEDICAL STUDENT REPRESENTATIVES**

Sunday, November 15, 2:00 p.m.

The Fairmont Hotel
Parisian Room

2:00 p.m.

GET ACQUAINTED!

Refreshments will be served while MSR's have an opportunity to meet each other and their hosts.

MSR's are requested to pick up their personal folders at this time.

2:45 p.m.

WELCOME AND INTRODUCTIONS

GEORGE H. YEAGER
Baltimore, Md.

*Chairman, SMA Committee
on Medical Students;
SMA Councilor from Maryland*

2:50 p.m.

GREETINGS

J. LEONARD GOLDNER
Durham, N. C.

*President,
Southern Medical Association*

2:55 p.m.

SMA—WHAT IT OFFERS YOU

GEORGE H. YEAGER

3:05 p.m.

**SMA GROUP INSURANCE FOR
MEDICAL STUDENTS**

JOE T. NELSON
Weatherford, Texas

*Chairman, SMA Committee on
Insurance;
SMA Councilor from Texas*

3:10 p.m.

**REMARKS BY MEMBERS,
SMA COMMITTEE ON
MEDICAL STUDENTS**

LINTON H. BISHOP, JR.
Atlanta, Ga.

ALBERT C. ESPOSITO
Huntington, W. Va.

OSCAR B. HUNTER, JR.
Washington, D. C.

NIME K. JOSEPH
Wheeling, W. Va.

WILLIAM L. MACON, JR.
St. Louis, Mo.

G. GORDON McHARDY
New Orleans, La.

BUFORD WORD
Birmingham, Ala.

3:30 p.m.

REVIEW OF PROGRAM FOR MSR'S

MRS. MARTHA D. HOOKS
Birmingham, Ala.

*Executive Assistant,
Southern Medical Association*

3:45 p.m.

**DISCUSSION, QUESTIONS, AND
ANSWERS**

SMA STUDENT SEMINAR

Thursday, November 19, 10:00 a.m.

Dallas Memorial Auditorium
Room No. 1

GEORGE H. YEAGER, *Chairman,*
Committee on Medical Students,
presiding

ESSAY CONTEST

G. GORDON McHARDY
New Orleans, La.
Chairman

Only official Medical Student Representatives are eligible to participate in this annual contest. Cash prizes of \$100, \$50, and \$25, respectively, will be presented by George H. Yeager, Chairman, Committee on Medical Students, Baltimore, Md., to the winners of both the Junior Essay Contest and the Senior Essay Contest, during the Second General Session on Wednesday, Nov. 18.

Junior Essay Contest

10:00 a.m.
THIRD AWARD

10:10 a.m.
SECOND AWARD

10:20 a.m.
FIRST AWARD

Senior Essay Contest

10:30 a.m.
THIRD AWARD

10:40 a.m.
SECOND AWARD

10:50 a.m.
FIRST AWARD

11:00 a.m.

DISCUSSION PERIOD

Moderator:

N. C. HIGHTOWER, JR.
Temple, Texas

Audience participation is invited during this Discussion Period.

**MEDICAL STUDENT REPRESENTATIVES
TO THE
SOUTHERN MEDICAL ASSOCIATION'S
64TH ANNUAL MEETING**

November 16-19

Dallas, Texas

The first student listed for each school is the senior class representative and the second student listed is the junior class representative.

Baylor University College of Medicine, Houston, Texas

David Howard Miller
Kenneth Lee Haile, Jr.

Johns Hopkins University School of Medicine, Baltimore, Md.

David Nickerson
Fred Ferris

Bowman Gray School of Medicine, Winston-Salem, N. C.

William David Purnell
William Thomas Grimes, Jr.

Louisiana State University School of Medicine, New Orleans, La.

Wayne Sessions
Steve Lindsey

Duke University School of Medicine, Durham, N. C.

John C. Rawl
David Ross Garr

Medical College of Georgia, Augusta, Ga.

William M. Bethea, Jr.
Charles Alexander Dasher

Emory University School of Medicine, Atlanta, Ga.

John B. Mersereau
Robert Ross

Medical College of Virginia, Virginia Commonwealth University, Richmond Va.

Gary H. Asher
Robert B. Stroube

George Washington University School of Medicine, Washington, D. C.

Bruce Romig
Charles M. Briggs

Medical University of South Carolina, Charleston, S. C.

Richard Eugene Williams
William Maynard Simpson, Jr.

Georgetown University School of Medicine, Washington, D. C.

Daniel D. Broughton
Pamela Ann Meyer

Meharry Medical College, Nashville, Tenn.

Howard University College of Medicine, Washington, D. C.

Phil H. Price
Didi Bailey

St. Louis University School of Medicine, St. Louis, Mo.

Patrick J. Sweeney
John C. Nelson

Tulane University School of Medicine, New Orleans, La.

William E. O'Mara
Richard G. Ness

University of Alabama School of Medicine, Birmingham, Ala.

John C. Hurst, Jr.
Frederic G. Ransom

University of Arkansas School of Medicine, Little Rock, Ark.

Richard O. Hendrickson, Jr.
Frank Hsioh-Ti Ma

University of Florida College of Medicine, Gainesville, Fla.

Mark Peter Ettinger
William Alfred Herndon

University of Kentucky College of Medicine, Lexington, Ky.

D. Ray Cook
Dave B. Wilson

University of Louisville School of Medicine, Louisville, Ky.

Thomas R. Lehmann
Phillip H. Yunker

University of Maryland School of Medicine, Baltimore, Md.

William Foody
Richard H. Wingert

University of Miami School of Medicine, Coral Gables, Fla.

Robert L. Koster
William G. Littman

University of Mississippi School of Medicine, Jackson, Miss.

Donald James Blackwood
Kelly R. O'Neal, Jr.

University of Missouri School of Medicine, Columbia, Mo.

James H. Whitaker
Gary J. Fischer

University of North Carolina School of Medicine, Chapel Hill, N. C.

Cameron Langley Smith
Walter B. Greene

University of Oklahoma School of Medicine, Oklahoma City, Okla.

John Ronald Watson

University of Tennessee College of Medicine, Memphis, Tenn.

George Stanley Thompson
Joseph T. Brooks

University of Texas Medical Branch, Galveston, Texas

George Joseph Murillo
Robert W. Feldtman

University of Texas Medical School of San Antonio, San Antonio, Texas

Sayers Robert Brenner
Neal S. Meritz

University of Texas Southwestern Medical School, Dallas, Texas

Carol Ann Lewis
James H. MacKay

University of Virginia School of Medicine, Charlottesville, Va.

Stephen N. Etheredge
Pete L. Caples

Vanderbilt University School of Medicine, Nashville, Tenn.

James T. Pyron
William W. Robertson, Jr.

Washington University School of Medicine, St. Louis, Mo.

Larry J. Shapiro
Louis Hafken

West Virginia University School of Medicine, Morgantown, W. Va.

Russell V. McDowell
Patrick L. Brown

MEDICAL ROUNDTABLE LUNCHEON SESSION

The Southern Medical Association's Dallas Meeting, November 16-19, 1970, will feature a Medical Roundtable Luncheon Session. This special event will be held on Monday, November 16, 12:15-1:45 p.m., Dallas Memorial Auditorium.

Tickets, \$4.25 each, will be available at the SMA registration desks on Sunday, November 15, 12:00 noon-9:00 p.m., Fairmont Hotel, and Monday, November 16, 9:00 a.m.-12:00 noon, Dallas Memorial Auditorium.

SPACE IS LIMITED, SO MAKE YOUR RESERVATION EARLY!

Topic	Moderator
1. Allergic Emergencies	Joseph T. Queng, M.D., Houston, Texas
2. The Introduction of New Agents Into Anesthetic Practice	C. Ronald Stephen, M.D., Dallas, Texas
3. Treatment of Skin Cancer	John M. Knox, M.D., Houston, Texas
4. Gastrointestinal Function and Functional Diseases of the GI Tract	John T. Farrar, M.D., Richmond, Va.
5. Diseases of the Liver	John T. Galambos, M.D., Atlanta, Ga.
6. Diagnosis of Pancreatic Disorders	N. C. Hightower, Jr., M.D., Temple, Texas
7. Esophagitis	G. Gordon McHardy, M.D., New Orleans, La.
8. Diseases of the Pancreas	Paul D. Webster, III, M.D., Augusta, Ga.
9. Drug Abuse	William W. Cottrell, M.D., Winter Haven, Fla.
10. Hypertension	William J. Reid, M.D., Greensboro, N. C.
11. Diabetes Mellitus	Gilbert M. Kinzer, M.D., Huntsville, Ala.
12. Abnormal Uterine Bleeding	Edwin G. Waldrop, M.D., Birmingham, Ala.
13. Infertility	Herbert H. Thomas, M.D., Birmingham, Ala.
14. Mental Health and Counselling in Industry	Jean Spencer Felton, M.D., Los Angeles, Calif.
15. Antimicrobial Therapy for the Geriatric Patient	George A. Pankey, M.D., New Orleans, La.
16. Controversial Aspects of Oral Hypoglycemic Agents for Diabetes Mellitus	Holbrook Seltzer, M.D., Dallas, Texas

- | | |
|---|---|
| 17. Problems in Addiction | William P. Wilson, M.D., Durham, N. C. |
| 18. Toxemia of Pregnancy | Jack A. Pritchard, M.D., Dallas, Texas |
| 19. Surgery for the Knee in Arthritis | J. Darrell Shea, M.D., Miami, Fla. |
| 20a. Total Hip Surgery for the Arthritic Patient | Augusto Sarmiento, M.D., Miami, Fla. |
| 20b. Total Hip Surgery for the Arthritic Patient | W. Stanley Weinkle, M.D., Miami Beach, Fla. |
| 21. Surgery for the Hands and Feet in Arthritis | J. Leonard Goldner, M.D., Durham, N. C. |
| 22. The Use and Abuse of the Laboratory in the Practice of Medicine | Alvin B. Hayles, M.D., Rochester, Minn. |
| 23. Physical Therapy and Rehabilitation Services Under Medicare | Arthur Grant, M.D., San Antonio, Texas |
| 24. The Treatment of Congenital Deformities of Facial Bones | Milton T. Edgerton, Jr., M.D., Baltimore Md. |
| 25. Primary and Secondary Repair of the Cleft Lip Nose | William T. Berkeley, M.D., Charlotte, N. C. |
| 26. Techniques for Pediatric Radiology | John A. Kirkpatrick, Jr., M.D., Philadelphia, Pa. |
| 27. Radiology and Its Problems with Medical Insurance | James J. McCort, M.D., San Jose, Calif. |
| 28. Pediatric Surgical Problems | A. W. Wilkinson, M.D., London, England |
| 29. Shock and Fluid Balance | G. Thomas Shires, M.D., Dallas, Texas |
| 30. Clinical Correlation of Multiphasic Blood Profiles | Ronald E. Buchanan, M.D., Dallas, Texas |
| 31. Skin Clues to Diagnosis | Andrew Ranier, M.D., Lake Charles, La. |
| 32. Malabsorption and Maldigestion | Martin H. Kalsner, M.D., Miami, Fla. |

SCIENTIFIC GROUPS MEETING CONJOINTLY WITH SOUTHERN MEDICAL ASSOCIATION

AMERICAN COLLEGE OF CHEST PHYSICIANS SOUTHERN CHAPTER

27th ANNUAL MEETING

in cooperation with the
Southern Medical Association

November 16
Dallas, Texas

Monday, November 16, 8:30 a.m.

Dallas Memorial Auditorium
Room No. 2

8:30 a.m.

REGISTRATION

SCIENTIFIC PROGRAM

ROBERT E. CARR,
Fort Worth, Texas,
President, Southern Chapter,
ACCP, presiding

9:00 a.m.

SELECTIVITY: BASIS FOR SURGERY IN PATIENTS WITH LUNG CARCINOMA

DONALD L. PAULSON
Dallas, Texas

9:30 a.m.

PERICUTANEOUS NEEDLE BIOPSY FOR DIAGNOSIS OF LUNG PATHOLOGY

C. ROGER YOUMANS, JR.
Galveston, Texas

10:00 a.m.

FRESH HOMOGRAFTS FOR CARDIAC VALVE REPLACEMENT

JAMES R. JUDE
Miami, Fla.

10:30 a.m.

INTERMISSION—VISIT EXHIBITS

HAROLD W. JOHNSTON,
Orlando, Fla.,
President-Elect, Southern
Chapter, ACCP, presiding

11:00 a.m.

PRACTICAL APPLICATION OF TEM- PORARY AND PERMANENT CARDIAC PACEMAKER

PHILIP SAMET
Miami, Fla.

11:30 a.m.

CHAOTIC ATRIAL RHYTHMS AS COMPLICATIONS OF AEROSOL THERAPY WITH ADRENERGIC DRUGS

TUNCAY ERTAN
Alexandria, La.

12:00 noon

BUSINESS MEETING, ELECTION OF OFFICERS, SOUTHERN CHAPTER, ACCP

Monday, November 16, 12:30 p.m.

Dallas Memorial Auditorium
Lounge adjoining Room No. 2

Luncheon featuring the

17th Annual

Paul A. Turner Memorial
Lecture

APPLICATION OF COMPUTERS TO MEDICINE AND SURGERY OF THE CHEST

RUSSELL M. NELSON
Salt Lake City, Utah

Monday, November 16, 2:00 p.m.

Dallas Memorial Auditorium
Room No. 2

2:00 p.m.

**PANEL DISCUSSION: CORONARY
ARTERY DISEASE—SURGICAL
INDICATION AND RESULTS**

Moderator:

HAROLD C. URSCHEL, JR.,
Dallas, Texas

Panelists:

EDWARD B. DIETRICH,
Houston, Texas

JACK J. GREENBERG,
Miami, Fla.

JOHN W. HYLAND,
Dallas, Texas

3:30 p.m.

INTERMISSION—VISIT EXHIBITS

CHARLES F. TATE, JR.,
Miami, Fla.,
Secretary-Treasurer, Southern
Chapter, ACCP, presiding

4:00 p.m.

**PRACTICAL USE OF MECHANICAL
RESPIRATORS**

ALAN K. PIERCE
Dallas, Texas

4:30 p.m.

**PRACTICAL CONSIDERATIONS IN
MEASURING PULMONARY
DIFFUSION CAPACITY**

L. CLYDE WODDELL and HANS WEILL
New Orleans, La.

Monday, November 16, 6:00 p.m.

Petroleum Club
First National Bank Building

Reception sponsored by the American College of Chest Physicians, Southern Chapter, for members and guests.



**FLYING PHYSICIANS
ASSOCIATION**

President

WESLEY E. KNAUP,
Springfield, Ohio

Program Chairmen

JAMES Y. BRADFIELD,
Dallas, Texas

HEWITTE A. THIAN,
New Orleans, La.

Tuesday, November 17, 6:30 p.m.

Cattlemen's Steak House
2007 Live Oak

Social hour and dinner for members, wives, and guests of the Flying Physicians Association. \$7.50 per person. B.Y.O.B.



**THE RADIOLOGICAL SOCIETY
OF NORTH AMERICA**

**10TH ANNUAL
RADIOLOGY REFRESHER COURSES:
POSTGRADUATE INSTRUCTION**

in cooperation with the
Southern Medical Association

November 16-18
Dallas, Texas

Attendance is limited to radiologists,

including graduate students and residents in radiology, and medical students certified by the deans of their respective medical schools.

Monday, November 16, 1:30 p.m.

Dallas Memorial Auditorium
Room No. 7

**A Joint Meeting of the Section on
Radiology
and the
Radiological Society of
North America**

1:30-3:00 p.m.—Refresher Course No. 1

**BLUNT ABDOMINAL TRAUMA—
PART I**

JAMES J. McCORT
San Jose, Calif.

This course will include technique of examination, intraperitoneal bleeding, retroperitoneal bleeding, and delayed ruptures.

3:00 p.m.

INTERMISSION—VISIT EXHIBITS

3:30-5:00 p.m.—Refresher Course No. 2

**URINARY TRACT PROBLEMS IN
THE PEDIATRIC PATIENT**

EDWARD B. SINGLETON
Houston, Texas

Urinary tract abnormalities of the pediatric patient may be classified as congenital or acquired. This instruction course will consider primarily congenital renal abnormalities with special emphasis on the radiologic classification of renal cystic disease. Consideration of renal and retroperitoneal neoplasms will also be given with special emphasis on the radiologic approach to technique of exam-

ination. Discussion of urinary tract infection including the controversy regarding vesicoureteral reflux will be included.

Tuesday, November 17, 8:00 a.m.

Dallas Memorial Auditorium
Room No. 7

**A Joint Meeting of the Section on
Radiology
and the
Radiological Society of
North America**

8:00-9:30 a.m.—Refresher Course No. 3

**DISTURBANCES IN AERATION—
RADIOLOGIC ASPECTS**

JOHN A. KIRKPATRICK, JR.
Philadelphia, Pa.

The roentgen manifestation of a variety of abnormalities, congenital and acquired, that may be symptomatic in the infant and child are often manifested only by disturbances of aeration. There may be diffuse overaeration as is seen so frequently as a manifestation of acute inflammatory disease in the young infant, or asthma, or cystic fibrosis in the older child. The disturbed aeration may be segmental in nature as may be seen with certain anomalies of the great vessels and ingested foreign bodies as well as congenital anomalies of the tracheobronchial tree. In other instances, interstitial emphysema may be the significant finding and its relationship to pneumomediastinum and pneumothorax will be discussed.

9:30 a.m.

INTERMISSION—VISIT EXHIBITS

10:00-11:30 a.m.—
Refresher Course No. 4

**BLUNT ABDOMINAL TRAUMA:
SPECIFIC MANIFESTATIONS AND
SYNDROMES—PART II**

JAMES J. McCORT
San Jose, Calif.

In this course the following will be considered: the spleen, liver, gall bladder and common duct, intestinal tract, pancreas, battered children, and seat belt injuries.

Wednesday, November 18, 1:30 p.m.

Dallas Memorial Auditorium
Room No. 7

**A Joint Meeting of the Section on
Radiology
and the
Radiological Society of
North America**

1:30-3:00 p.m.—Refresher Course No. 5

**RADIOTHERAPY IN THE DEFINITIVE
MANAGEMENT OF BREAST CANCER**

ELEANOR D. MONTAGUE
Houston, Texas

The place of radiotherapy in the definitive management of breast cancer will be discussed including the use of radiotherapy in the early and late stages of cancer, both preoperatively and postoperatively.

See Complete Program on Page 101.

SOUTHERN EEG SOCIETY

ANNUAL MEETING

in cooperation with the
Southern Medical Association

November 16
Dallas, Texas

Sunday, November 15, 7:00 p.m.

The Fairmont Hotel
Pavilion Room

Banquet for members and guests of the Southern EEG Society and the Southern Society of EEG Technologists.

Monday, November 16, 1:30 p.m.

Dallas Memorial Auditorium
Room No. 4

**A Joint Meeting of the Section on
Neurology and Psychiatry
and the
Southern EEG Society**

1:30 p.m.

**ELECTROENCEPHALOGRAPHIC
RECORDING OF SHORT- AND
LONG-TERM LITHIUM EFFECT**

J. FRANK JAMES
Goldsboro, N.C.

EDWARD L. REILLY
Durham, N.C.

Presentation by Dr. James

Twenty-three manic patients were studied for changes in EEG associ-

ated with lithium treatment. Various EEG changes were observed, some of which correlate with therapeutic outcome.

1:50 p.m.

TEMPORAL LOBE EEG ABNORMALITIES AND IMPULSIVE SUICIDAL BEHAVIOR

JAMES C. HANCOCK, JR.,
and A. R. BEVILACQUA
Memphis, Tenn.

Presentation by Dr. Hancock

A series of female patients with impulsive or suicidal behavior were thoroughly studied neurologically and psychiatrically. The occurrence of temporal lobe EEG abnormalities will be emphasized and preferential modes of treatment discussed.

2:10 p.m.

NORMAL EEG DEVELOPMENT IN INFANTS AND CHILDREN: CLINICAL DIAGNOSTIC USES

DAVID R. METCALF
Denver, Colo.

Guest Speaker
Southern EEG Society

3:00 p.m.

INTERMISSION—VISIT EXHIBITS

3:30 p.m.

PROGRESSIVE EEG CHANGES IN LAMINAR NECROSIS OF THE CEREBRAL CORTEX

RICARDO CEBALLOS
and SAMUEL C. LITTLE
Birmingham, Ala.

Presentation by Dr. Ceballos

A case report will be presented involving an infant with temporary cardiopulmonary arrest following heart surgery. Complete details including autopsy findings will be pre-

sented. This case suggests that some highly coordinated voluntary-appearing activity may be mediated at brain stem levels alone, and that the return of rhythmical electrical activity may not be a reliable indicator of the state of preservation of the cerebral cortex.

3:50 p.m.

14 AND 6 PER SECOND POSITIVE SPIKING IN ADOLESCENCE

D. T. GIANTURCO
and WILLIAM P. WILSON
Durham, N.C.

Presentation by Dr. Gianturco

Adolescent patients with both psychiatric disorders and autonomic (visceral), complaints were found to have a high incidence, 56%, of positive spikes when compared to adolescent patients with a psychiatric disorder alone, 19%, or with autonomic complaints alone, 29%. It is suggested that psychiatric disorders can have sociologic, psychological, or biologic bases.

4:10 p.m.

CORRELATION OF OCCIPITAL AMPLITUDE WITH SEIZURES

E. F. GOOD
and E. T. RICHEY
Miami, Fla.

Presentation by Dr. Good

Occipital amplitude was analyzed in the EEG of 875 consecutive subjects. A positive correlation was established between the incidence of seizures and increasing voltage. Patients showing occipital amplitude over 150 microvolts have a 60% chance of having seizures.

4:30 p.m.

METACHROMATIC LEUKODYSTROPHY

HARRIS M. HAUSER
Houston, Texas

SOUTHERN GYNECOLOGICAL AND OBSTETRICAL SOCIETY

16TH ANNUAL MEETING

in cooperation with the
Southern Medical Association

November 16
Dallas, Texas

OFFICERS

President

SIMON V. WARD,
New Orleans, La.

President-Elect

HAROLD G. NIX,
Tampa, Fla.

Secretary-Treasurer

EDWARD J. DENNIS,
Charleston, S.C.

Monday, November 16, 9:15 a.m.

Dallas Memorial Auditorium
Room No. 9

9:15 a.m.

THE MUTUAL BENEFIT IN UTILIZA- TION OF UNIVERSITY RESIDENTS AND STUDENTS IN COMMUNITY HOSPITALS

EDWARD R. CATHCART
Spartanburg, S.C.

Discussant:

JULIAN P. HARDY,
Fairfield, Ala.

9:35 a.m.

HISTOLOGICAL CHANGES OF THE ENDOMETRIUM TO THE INTRAUTERINE DEVICE

CECIL L. GRUMBLES
Louisville, Ky.

Discussant:

EDWARD J. DENNIS,
Charleston, S.C.

9:55 a.m.

PELVIC PNEUMOGRAPHY IN GYNECOLOGIC DISEASE

R. PINKNEY RANKIN, JR.
Charlotte, N.C.

10:15 a.m.

INTERMISSION—VISIT EXHIBITS

10:45 a.m.

THE MANDATE FOR COUNSELING

J. RICHARD SOSNOWSKI
Charleston, S.C.

Discussant:

FRANK C. GREISS,
Winston-Salem, N.C.

11:05 a.m.

CERVICAL PREGNANCY

JOHN E. STARTZMAN
Orlando, Fla.

Discussant:

HERBERT CLAIBORNE,
Richmond, Va.

SCIENTIFIC EXHIBITS

Scientific exhibits, located in the Dallas Memorial Auditorium will be open 8:00 a.m.-5:00 p.m., Monday through Wednesday, and 8:00 a.m.-12:00 noon, Thursday.

1 THE IMMUNOLOGIC TESTS FOR PREGNANCY

Irwin J. Kerber, *Dallas, Texas*, A. Peter Inclan, Stewart A. Fish, Miss Kay Davis, and Miss Ann Fowler, University of Tennessee College of Medicine, *Memphis, Tenn.*

2 MANAGEMENT OF ESOPHAGEAL CARCINOMA

Walter J. Burdette, The University of Texas M.D. Anderson Hospital and Tumor Institute, *Houston, Texas*

3 OVERWHELMING BACTERIAL INFECTIONS: BASIC CONSIDERATIONS IN ANTIBIOTIC THERAPY

Edwin L. Overholt, *La Crosse, Wisc.*, Lt. Col. J. J. Deller, *MC, USA*, and Col. H. Frederick Hurd, *MC, USA*, Letterman General Hospital, *San Francisco, Calif.*

4 SURGICAL TREATMENT OF CORONARY HEART DISEASE

Edward B. Diethrich, John E. Liddicoat, George P. Noon, and Michael E. DeBaakey, Baylor College of Medicine and Cardiovascular Research and Training Center, Methodist Hospital, *Houston, Texas*

5 ARRHYTHMIA INDUCED CEREBRAL ISCHEMIA

Nanette K. Wenger, Emory University School of Medicine, *Atlanta, Ga.*, Paul F. Walter, *Oklahoma City, Okla.*,

and Sam D. Reid, Jr., *United States Army*

6 USE OF CARDIOVERSION IN THE SMALLER MEDICAL CENTER

Robert Turkel, Westcoast Cardiology Center, *Tampa, Fla.*

7 PHARMACOLOGIC PROPERTIES AND CLINICAL EFFECTS OF ESTROGENS IN THE HUMAN

Herbert S. Kupperman, Iven S. Young, New York University Medical Center, *New York, N.Y.*, Paul Beck, *Jamaica Estates, N.Y.*

8 PSEUDOMONAS INFECTION—A SERIOUS THREAT TO CANCER PATIENTS

Gerald P. Bodey and M. A. Burgess, The University of Texas M.D. Anderson Hospital and Tumor Institute, *Houston, Texas*

9 AUTOTRANSFUSION: EXPERIMENTAL AND CLINICAL STUDIES

P. N. Symbas, J. D. Martin, Jr., and Charles R. Hatcher, Jr., Emory University School of Medicine, *Atlanta, Ga.*

10 CUTANEOUS MANIFESTATIONS OF INFECTIOUS DISEASES

George A. Pankey, Herbert B. Christianson, and Mary Lou Applewhite, Ochsner Clinic and Ochsner Foundation Hospital, *New Orleans, La.*

11 HELP FOR THE ARTHRITIC HAND

L. Lee Lankford, *Dallas, Texas*

12

THE RELATIONSHIP OF PLACENTAL AREA TO SPONTANEOUS ABORTION AND TO PREMATURE PLACENTAL SEPARATION

Richard Torpin, Medical College of Georgia, *Augusta, Ga.*

13

VASCULAR SURVEY—DIAGNOSIS AND FUNCTIONAL EVALUATION

R. H. Hayward, E. B. Best, Per H. Langsjoen, and R. D. Allison, Scott and White Clinic, *Temple, Texas*

14

IMPROVED X-RAY INTERPRETATION OF JOINT DISEASE

David L. Berens and Bernard M. Norcross, *Buffalo, N.Y.*

15

IMMEDIATE REVASCULARIZATION OF THE HEART

Cary J. Lambert, Ben F. Mitchel, Maurice Adam, and Jerry Geisler, Baylor Medical Center, *Dallas, Texas*

16

CLINICAL EXPERIENCE WITH THE MODIFIED BOVINE HETEROGRAFT IN MAN

John M. Keshishian and Nicholas P.D. Smyth, Washington Hospital Center, George Washington University Medical Center, *Washington, D.C.*

17

THE SPECTRUM OF GLUTEN ENTEROPATHY

John R. Ross, S. Peter Gibb, M. Garabedian, E. J. Achkar, and S. Zuberi, Lahey Clinic Foundation, *Boston, Mass.*

18

PREVALENCE AND MEDICAL MANAGEMENT OF SOLAR KERATOSES

E. William Rosenberg and Zenona W. Zagula-Mally, University of Tennessee

see College of Medicine, *Memphis, Tenn.*

19

LARYNGOTRACHEAL TRAUMA

F. W. Pullen, II and Mr. L. Alan Smith, University of Miami School of Medicine, *Miami Shores, Fla.*

20

LEVODOPA TREATMENT OF PARKINSON DISEASE

Richard M. Paddison, Louisiana State University Medical Center, *New Orleans, La.*

21

STEREOSCOPIC STUDIES OF OCULAR SURGERY

Robert A. Schimæk, Peter A. Sanchez, and J. Bruce Steigner, Ochsner Clinic and Ochsner Foundation Hospital, *New Orleans, La.*

22

SULFONAMIDES—CLINICAL INDICATIONS

Harry Seneca, Columbia Presbyterian Medical Center, *New York, N.Y.*

23

HYSTEOSALPINGOGRAPHY: A 35 YEAR SURVEY

M. James Whitelaw, T. N. Foster, and Vincent F. Nola, *San Jose, Calif.*

24

RESULTS OF A COMPUTERIZED STUDY OF CYCLIC HORMONAL TREATMENT

F. P. Rhoades and Mr. N. A. Rhoades, *Detroit, Mich.*

25

PATIENT, PHYSICIAN AND THE "PILL"

Antonio Hernandez Torres, University of Puerto Rico School of Medicine, *Copey-Alto Rio Piedras, Puerto Rico*

- 26
TWO NEW POIKILODERMATOUS SYNDROMES: HEREDITARY SCLE-RODING POIKILODERMA AND HEREDITARY ACROKERATOTIC POIKILODERMA
Peyton E. Weary, Walter F. Manley, Jr., Donald R. Richardson, Charles M. Caravati, Gloria F. Graham, and Bobby T. Wood, University of Virginia Medical Center, *Charlottesville, Va.*
- 27
CONTROLLED STUDY OF THE EFFECTS OF CHLORDIAZEPOXIDE IN ANXIETY REACTION AND ASSOCIATED TARGET SYMPTOMS IN PSYCHIATRIC OUTPATIENTS
Richard C. Proctor, Bowman Gray School of Medicine, *Winston-Salem, N.C.*
- 28
THE USE OF THE STANDING BOARD IN THE POST-OPERATIVE MANAGEMENT OF DIFFICULT SPINE PROBLEMS
Page W. Nelson and Michael W. Donovan, Shriners' Hospital for Crippled Children, *Houston, Texas*
- 29
RENAL DISTRIBUTION OF SULFONAMIDES IN MONKEY KIDNEYS
Jack E. Mobley and J. F. Redman, University of Arkansas Medical Center, *Little Rock, Ark.*
- 30
GONORRHEA—THE SILENT EPIDEMIC
Walter H. Smartt and Andrew C. Lighter, Los Angeles County Health Department, *Los Angeles, Calif.*
- 31
EPIPHYSEAL INJURIES: DIAGNOSTIC AND PROGNOSTIC CONSIDERATIONS
Carlos Lugo and Lee F. Rogers, The University of Texas Medical School at *San Antonio, Texas*
- 32
MEASUREMENT OF POST-PARTUM BREAST ENGORGEMENT BY THERMOGRAPHY
Bernard A. Eskin, Albert Einstein Medical Center, *Philadelphia, Pa.*
- 33
UNUSUAL PROBLEMS IN HAIR TRANSPLANTATION
D. B. Stough, III, *Hot Springs, Ark.*
- 34
POST-OPERATIVE WOUND INFECTION: THE ROLE OF SYSTEMIC ANTIBIOTICS
Hiram C. Polk, Jr., University of Miami School of Medicine, *Miami, Fla.*
- 35
ROUTINE DOUBLE CONTRAST COLON EXAMINATIONS: A NEW APPROACH
C. William Rogers, Trover Clinic and Hopkins County Hospital, *Madisonville, Ky.*
- 36
RELIEF OF BLADDER SPASM BY A NOVEL FLAVONE
Sushil S. Lacy, Ralph Cazort, Henry Freedman, and William Herbst, III, Bowman Gray School of Medicine, *Winston-Salem, N.C.*
- 37
MODERN OTOTOLOGY—TEAM APPROACH
James J. Pappas and Mr. Michael E. Winston, Veterans Administration Hospital and Baptist Medical Center, *Little Rock, Ark.*
- 38
PREVENTION OF EDEMA IN SURGERY OF THE HAND
Kim K. Lie, Joseph L. Posch, and Robert D. Larsen, Grace Hospital, *Detroit, Mich.*

39

DIAGNOSE GOUT AND TREAT ITIrvin F. Hermann, *Philadelphia, Pa.*

40

NON-SUTURE IMMOBILIZATION OF SKIN GRAFTSTolbert S. Wilkinson, F. James Rybka, and F. X. Paletta, St. Louis University School of Medicine, *St. Louis, Mo.*

41

TOPICAL APPLICATION OF AN ANTI-BACTERIAL OINTMENT TO THE URETHRAL MEATUS: AN AID IN PREVENTION OF INFECTIONSRalph R. Landes, Allan A. Hoffman, Irving Melnick, and Thomas French, Danville Urological Clinic, *Danville, Va.*

42

CUTANEOUS COMPLICATIONS OF IMMUNOSUPPRESSIVE THERAPYWilma F. Bergfeld, James G. Ryan, Henry H. Roenigk, Jr., Richard Evans, Sharad Deodhar, and Satoru Nakamoto, Cleveland Clinic, *Cleveland, Ohio*

43

MODIFICATIONS AND DEVELOPMENTS IN AUTOGRAFT AND HOMOGRAFT HAIR TRANSPLANTATIONSorrel S. Resnik and Leonard A. Lewis, *Miami, Fla.*

44

PECULIAR ASPECTS OF CANCERBarton McSwain and Robert R. Franklin, Vanderbilt University School of Medicine, *Nashville, Tenn.*

45

MICROSURGERY OF COMBINED CATARACT AND GLAUCOMA

George M. Haik, Joel B. Pollard, Hilliard M. Haik, and George S. Ellis,

Louisiana State University Medical Center, *New Orleans, La.*

46

LAY HEALTH EDUCATION: MAKING HEALTH ATTRACTIVEMilford O. Rouse, *Dallas, Texas*

324

KENTUCKY ADAPTATIONS IN CONTINUING EDUCATIONFrank R. Lemon and Mr. E. Scott Donovan, The University of Kentucky College of Medicine, *Lexington, Ky.*

326

CORTICAL AUDIOMETRY: HEARING TEST FOR INFANTS AND CHILDRENClifton O. Istre, Jr., Ph.D., Wallace Rubin, and H. G. Tabb, Tulane University School of Medicine, *New Orleans, La.*

328

OTALGIA—SOURCES AND ANATOMYPaul L. Goethals, *Winter Park, Fla.*

330

PREVENTION OF ASPHYXIA IN LABORLawrence E. Lundgren, Memorial Baptist Hospital, *Houston, Texas*, and John R. Woodward, *Dallas, Texas*

331

DERMATOSES MORE COMMON AMONG NEGROESJohn A. Kenney, Jr. and J. Fletcher Robinson, Howard University College of Medicine, *Washington, D.C.*

332

DANTROLENE SODIUM IN CNS DISEASESamuel B. Chyatte and Jackson H. Birdsong, M.S., Emory University Regional Rehabilitation Research and Training Center, *Atlanta, Ga.*

333

**TEMPORAL BONE BANKS
PROGRAM**

F. R. Guilford, B. R. Alford, and M. Igarashi, Baylor University College of Medicine, *Houston, Texas*

335

**THE SOUTH CENTRAL REGIONAL
MEDICAL LIBRARY PROGRAM**

Mr. Donald D. Hendricks, University of Texas Southwestern Medical School, *Dallas, Texas*

434

**THE X-RAY DIAGNOSIS OF
ACOUSTIC TUMORS**

Michael E. Glasscock, III and Heun Y. Yune, Vanderbilt University School of Medicine, *Nashville, Tenn.*

435

EXTERNAL OCULAR INFECTIONS

Samuel L. Fox, University of Maryland Medical School, *Baltimore, Md.*

436

**MANAGEMENT OF VENOUS
THROMBOEMBOLIC DISEASE**

Charles H. Fuller and O. L. Willbanks, *Dallas, Texas*

437

**SELECTION AND EVALUATION OF
URINARY TRACT ANTIMICROBIAL
THERAPY**

Clair E. Cox, Bowman Gray School of Medicine, *Winston-Salem, N. C.*

438

**SURGERY FOR THE
ISCHEMIC EXTREMITY**

Charles H. Fuller and O. L. Willbanks, *Dallas, Texas*

439

STROKE VOCATIONAL REHABILITATION PROGRAM, SINAI HOSPITAL OF BALTIMORE

B. Stanley Cohen, Sinai Hospital, *Baltimore, Md.*

527

YOU CAN NEVER TELL

William J. Brown, U.S.P.H.S., Center for Disease Control, *Atlanta, Ga.*

528

**CHEMICAL RESUSCITATION OF
THE NEWBORN**

Richard B. Clark, James O. Cooper, and Ferdinand E. Greifenstein, University of Arkansas Medical Center, *Little Rock, Ark.*

529

RESUSCITATION OF THE NEWBORN

Edwin G. Waldrop, *Birmingham, Ala.*

530

**SURGICAL TREATMENT OF
BALDNESS**

James W. Burks and George A. Farber, *New Orleans, La.*

531

FRACTURES OF THE HAND

Robert D. Larson, American Society for Surgery of the Hand, *Detroit, Mich.*

532

THE AGING SKIN

AMA Committee on Cutaneous Health and Cosmetics, *Chicago, Ill.*

533

**CANCER CONSULTATION—
DIAL ACCESS**

Robert C. Hickey, The University of Texas M.D. Anderson Hospital, *Houston, Texas*

535

**SERRATIA MARCESCENS AS A
NOSOCOMIAL PATHOGEN**

Temple W. Williams, Jr. and Jose Viroslav, Methodist Hospital and Baylor College of Medicine, *Houston,*

Texas, John E. Sailer, *San Francisco, Calif.*

537

INTESTINAL ISCHEMIA

Stover L. Smith, Roger H. Tutton, John Ochsner, and William Davis, Ochsner Clinic, *New Orleans, La.*

539

SURGERY FOR ARTERIOSCLEROSIS

John E. Allen and John D. McCracken, Baptist Medical Center, *Little Rock, Ark.*

541

ENHANCED LIVING FOR THE WITHDRAWN SCHIZOPHRENIC

Robert M. Ritter, Thomas Robinson, and David Davidson, Mississippi State Hospital, *Whitfield, Miss.*

543

THE ADVANTAGES OF A LONG ACTING PSYCHOTROPIC INTRAMUSCULAR DRUG IN SCHIZOPHRENICS

Robert M. Ritter, Patricia Ann Tatum, B.S., R.N., and Gay Ashley, B.S., R.N., Mississippi State Hospital, *Whitfield, Miss.*

625

COMPARISON OF THE MILLHON-CRITES ESOPHAGEAL MOTILITY PROBE WITH CONVENTIONAL OPEN-TIP MANOMETRY

E. Clinton Texter, Jr., N. C. Hightower, Jr., Scott and White Clinic and Memorial Hospital, *Temple, Texas*, and William A. Millhon, Riverside Methodist Hospital, *Columbus, Ohio*

626

CURRENT SURGICAL PROBLEMS IN RHEUMATOID ARTHRITIS

Arthur L. Brooks, Vanderbilt University Hospital, *Nashville, Tenn.*

627

OXYGEN AND GENERAL AVIATION

Mr. James L. Harris, Federal Aviation Administration, *Oklahoma City, Okla.*

628

NONSPECIFIC FACTORS AFFECTING A DOUBLE-BLIND STUDY

Jack J. Leedy, Cumberland Hospital, *New York, N.Y.*

629

RAPID, SIMPLE ORAL EXAMINATION FOR DIAGNOSIS OF OVARIAN DYSFUNCTION

Harold H. Varon and Edward P. Allen, D.D.S., Baylor University Medical Center and Baylor University College of Dentistry, *Dallas, Texas*

630

THE WEDGE-SHAPED VARIABLE HEIGHT TIBIAL PLATEAU PROSTHESIS FOR KNEE ARTHROPLASTY

B. E. McConnell, *Greenville, Texas*

632

DIABETES MELLITUS: CURRENT CONCEPTS

James M. Moss, DeWitt E. DeLawter, Lillian Recant, Malcolm M. Martin, C. Robert Meloni, Georgetown University Medical Center, *Washington, D.C.*

722

REGIONAL INTRAVENOUS ANESTHESIA, A VALUABLE ADJUNCT TO SURGERY

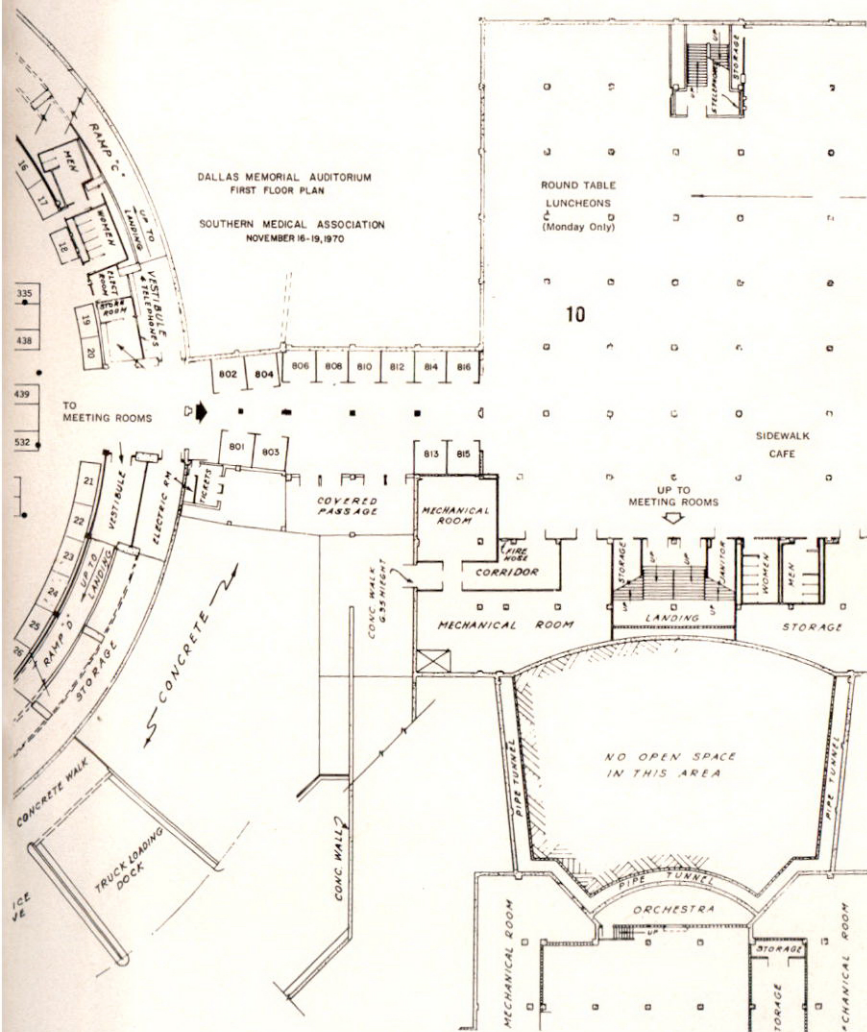
Richard Field, Jr. and Miss Mary Clealand, Field Clinic and Hospital, *Centreville, Miss.*

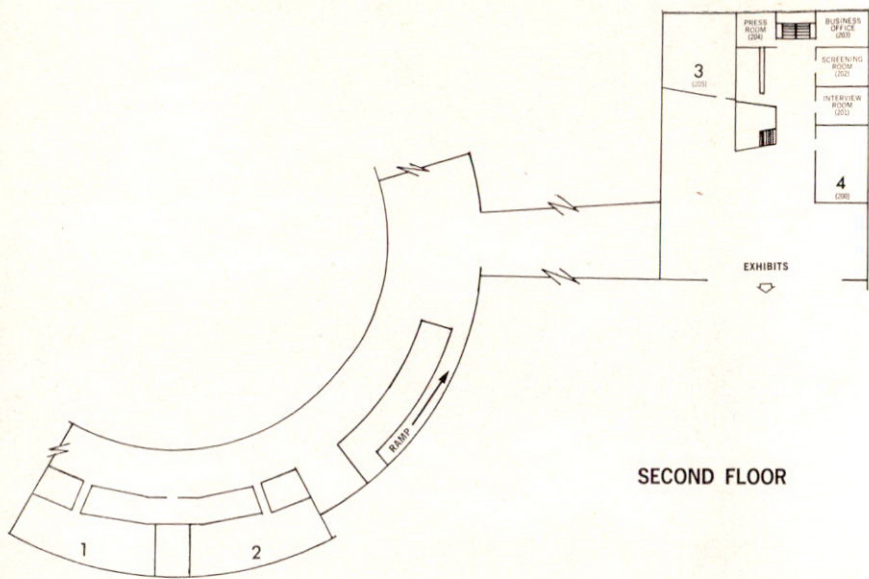
724

COLLEGE OF AMERICAN PATHOLOGIST PEER EVALUATION PROGRAMS

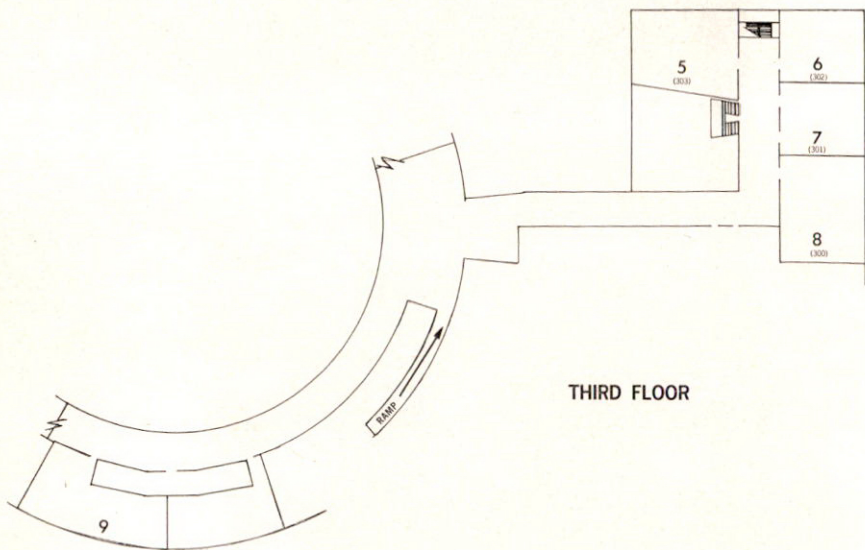
Mr. Edward J. Stygar, *Chicago, Ill.*

EXHIBITS





SECOND FLOOR



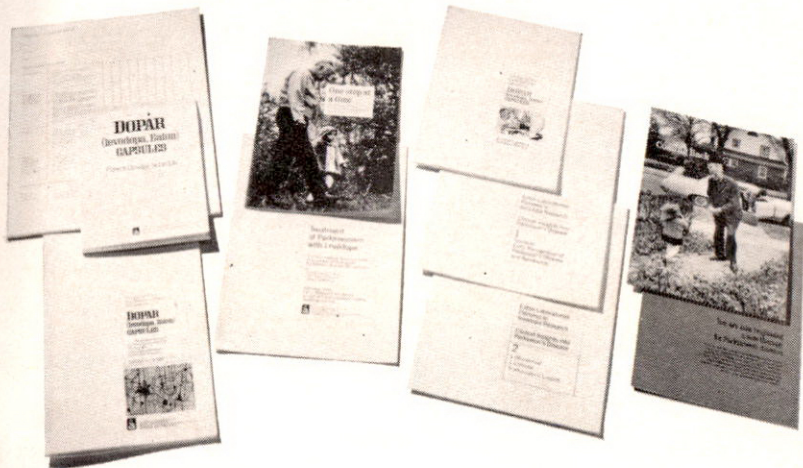
THIRD FLOOR

Treating Parkinson's Disease and Syndrome with **DOPAR**® (levodopa, Eaton) CAPSULES

Eaton Laboratories Parkinson Service Program

To facilitate therapy for Parkinson's disease with Dopar® (levodopa, Eaton), Eaton Laboratories has prepared the following materials for physicians, nurses and their patients.

Use this page as your order form



- General Information Booklet:** providing basic chemical and pharmacological information on Dopar (levodopa, Eaton) as well as clinical experience
- Clinical Insights into Parkinson's Disease, #1:** "Guide to Early Recognition of Parkinson's Disease and Syndrome"
- Clinical Insights into Parkinson's Disease, #2:** "Treatment of Adverse Reactions to Dopar® (levodopa, Eaton)"
- Nurses' Manual:** "Caring for the Parkinsonian Patient on Dopar"
- Patient booklet:** "You are Now Beginning a New Therapy for Parkinson's Disease"—to help patients starting on Dopar
- Patient booklet:** "Coming Back"—a booklet designed to help the patient meet and overcome the psychological problems associated with amelioration or remission of symptoms

- Patient booklet:** "Exercises for Parkinsonian patients"—designed to help patient recover use of muscles, to help avoid possible accidents
- Physician Evaluation Forms:** an aid to evaluating patient improvement during Dopar therapy
- Patient Dosage Schedule:** general instructions to patients beginning Dopar (levodopa, Eaton) therapy

See following pages for full prescribing information.

Please send the materials indicated to:

Name _____

Address _____

City _____

State _____

Zip _____

R



Pioneers in levodopa Research
EATON LABORATORIES
Division of The Norwich Pharmacal Company
NORWICH, NEW YORK 13815

Treating Parkinson's Disease and Syndrome with **DOPAR**[®] (levodopa, Eaton) CAPSULES

For relief of the symptoms of Parkinson's disease and syndrome.

DOPAR[®] (levodopa, Eaton) Capsules

Important Therapeutic Considerations

- Dopar (levodopa, Eaton) is not curative and its mechanism of action is unknown;
- Long-term safety and efficacy of Dopar (levodopa, Eaton) have not been established;
- Accurate diagnosis is imperative because there is no evidence that Dopar (levodopa, Eaton) is effective in neurological diseases other than Parkinson's disease and syndrome;
- About one-third of patients or more will not experience clinical improvement on Dopar (levodopa, Eaton), and virtually 100% of patients will experience side effects of some degree;
- The dose of Dopar (levodopa, Eaton) producing maximal improvement with tolerated side effects must be carefully titrated for the individual patient; and
- There is no evidence that early treatment with Dopar (levodopa, Eaton) while possibly controlling symptomatology, alters the course of the disease.

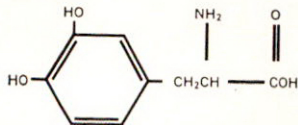
BECAUSE OF THE HIGH INCIDENCE OF ADVERSE REACTIONS AND THE NECESSITY TO INDIVIDUALIZE DOSAGE, THE PHYSICIAN SHOULD THOROUGHLY FAMILIARIZE HIMSELF WITH THE INFORMATION IN THE PACKAGE INSERT BEFORE INSTITUTING THERAPY WITH LEVODOPA.

ACCURATE DIAGNOSIS IS IMPERATIVE BECAUSE EVIDENCE IS LACKING THAT LEVODOPA IS EFFECTIVE IN NEUROLOGICAL DISEASES OTHER THAN PARKINSON'S DISEASE AND SYNDROME.

ADEQUATE CLINICAL AND LABORATORY FACILITIES SHOULD BE AVAILABLE FOR PROPER MONITORING OF TREATMENT.

LONG-TERM SAFETY AND EFFICACY OF LEVODOPA HAVE NOT BEEN ESTABLISHED.

Description: Chemically, Dopar is levodopa, or (-)-3-(3,4-dihydroxyphenyl)-L-alanine. It is a colorless, crystalline compound, slightly soluble in water and insoluble in alcohol, with a molecular weight of 197.2 and the following structural formula:



Actions: Evidence indicates that the symptoms of Parkinson's disease are related to depletion of striatal dopamine. Since dopamine apparently does not cross the blood-brain barrier, its administration is ineffective in the treatment of Parkinson's disease. However, levodopa, the levorotatory isomer of dihydroxyphenylalanine (dopa), which is the metabolic precursor of dopamine, does cross the blood-brain barrier. Presumably it is converted into dopamine in the basal ganglia. This is generally thought to be the mechanism whereby peroral levodopa acts in relieving the symptoms of Parkinson's disease and syndrome.

Indications: Dopar (levodopa, Eaton) is indicated for the treatment of Parkinson's disease and syndrome. It is useful in relieving many of the symptoms of parkinsonism, particularly rigidity and bradykinesia. Dopar (levodopa, Eaton) is frequently helpful in the management of tremor, dysphagia, sialorrhea, and postural instability associated with Parkinson's disease and syndrome.

Contraindications: Dopar (levodopa, Eaton) should not be given when administration of a sympathomimetic amine is contraindicated. Monoamine oxidase inhibitors and Dopar (levodopa, Eaton) should not be given concomitantly, and these inhibitors must be discontinued two weeks prior to initiating therapy with Dopar (levodopa, Eaton). The drug should not be administered to patients with clinical or laboratory evidence of UNCOMPENSATED endocrine, renal, hepatic, cardiovascular, or pulmonary disease; narrow-angle glaucoma or blood dyscrasias. It is contraindicated in patients with known hypersensitivity to the drug.

Warnings: Long-term safety and efficacy of levodopa have not been established.

Dopar (levodopa, Eaton) should be administered with extreme caution to patients with bronchial asthma or emphysema who may require sympathomimetic drugs. In patients with a history of myocardial infarction who have residual atrial, nodal or ventricular arrhythmias, Dopar (levodopa, Eaton) therapy should be initiated with extreme caution, and in a treatment facility where antiarrhythmic and intensive coronary care facilities are available.

In patients with active peptic ulcer, Dopar (levodopa, Eaton) should be used with extreme caution, and facilities for treatment of gastrointestinal hemorrhage should be available.

Patients with psychoses or severe psychoneuroses should be treated with extreme caution.

All patients should be carefully monitored for the development of mental changes, depression with suicidal tendencies, or other serious antisocial behavior.

It has been reported that pyridoxine hydrochloride (vitamin B₆) in oral doses of 10 to 25 mg, rapidly reverses the antiparkinson effects of Dopar (levodopa, Eaton). This should be considered before recommending multivitamin preparations containing pyridoxine hydrochloride (Vitamin B₆).

Usage in Pregnancy: The safety of levodopa in women who are or who may become pregnant has not been established; hence it should be given only when the potential benefits have been weighed against possible hazard to mother and child. Levodopa should not be used in nursing mothers.

Usage in Children: The safety of levodopa in children under the age of 12 has not been established.

Precautions: Periodic evaluations of hepatic, hematopoietic, cardiovascular, and renal functions are recommended during extended therapy in all patients.

The control of the diabetic patient may be adversely affected by treatment with Dopar (levodopa). Therefore, use of Dopar (levodopa, Eaton) in diabetics should be attended with frequent monitoring of the patient and proper adjustment of the antidiabetic regimen.

Patients with chronic wide-angle glaucoma may be treated cautiously with Dopar (levodopa, Eaton), provided the intraocular pressure is well-controlled and the patient monitored carefully for changes in intraocular pressure during therapy. Careful monitoring is also required in patients receiving antihypertensive drugs, particularly alpha-methyltyrosine (Aldomet®), reserpine, or ganglionic blocking agents. If the concomitant administration of psychoactive drugs is deemed necessary, such drugs should be administered with caution and patients should be carefully observed for unusual side effects.

It has been reported that levodopa is not effective in the treatment of drug-induced extrapyramidalism.

Patients with a history of convulsions should be treated with caution.

In the event general anesthesia is required, Dopar (levodopa, Eaton) may be discontinued 24 hours before surgery. (See Dosage and Administration.) While to date no untoward reactions from general anesthesia have been encountered, it is suggested that local or regional anesthesia be used whenever possible. Where general anesthesia is unavoidable, cardiorespiratory functions should be carefully monitored.

Patients who improve on Dopar (levodopa, Eaton) therapy should resume normal activities gradually with caution, consistent with other medical considerations such as the presence of osteoporosis or phlebotrombosis. Dopar (levodopa, Eaton) may be used concomitantly with other antiparkinson drugs such as benzotropine mesylate (Cogentin®), trihexyphenidyl HCl (Artane®), or procyclidine hydrochloride (Kemadrin®), in which cases the usual dose of each may need to be reduced.

Adverse Reactions: The most frequently occurring side effects of levodopa have been nausea, anorexia, emesis, cardiac irregularities, orthostatic hypotension; choreiform, dystonic, and other adventitious movements; dizziness, sedation, dyskinesia; and psychiatric symptoms such as agitation, anxiety, confusion, depression, hallucinations, delusions, insomnia, nightmares; and mental changes including paranoid ideation and psychotic episodes. Other side effects reported less frequently during treatment with levodopa, and listed according to system are: psychiatric—suicidal tendencies, increased libido with serious antisocial behavior, euphoria, lethargy, stimulation, fatigue and malaise, dementia; neurologic—ataxia, bruxism, convulsions, faintness, impairment of gait, headache, increased hand tremor, akinetic episodes, torticollis, trismus, oculogyric crisis, weakness, and numbness; gastrointestinal—constipation, diarrhea, epigastric and abdominal distress and pain, flatulence, eructation, hiccups, sialorrhea, difficulty in swallowing, bitter taste, dry mouth, tightness of mouth, lips, or tongue, duodenal ulcer, gastrointestinal bleeding, and burning sensation of the tongue; cardiovascular—non-specific ECG changes, palpitations, hypertension, flushing and phebitis; dermatologic—sweating, edema, hair loss, pallor, rash, and bad odor; musculoskeletal—low back pain, muscle spasm and twitching, blepharospasm, and musculoskeletal pain; respiratory—feeling of pressure in the chest, cough, hoarseness, bizarre breathing pattern, and postnasal drip; urogenital—urinary frequency, retention, incontinence, hematuria, nocturia, and 1

report of interstitial nephritis; hematopoietic—hemolytic anemia (1 case); special senses—blurred vision, diplopia, dilated pupils, and activation of latent Horner's syndrome; and other—fever, hot flashes, weight gain or weight loss.

Nausea, anorexia, and vomiting generally occur early in treatment during dosage increase and can usually be obviated by temporary dosage reduction and/or administration with food. If cardiac arrhythmias occur, they should be treated appropriately and consideration should be given to the discontinuance of Dopar (levodopa, Eaton) and the institution of other antiparkinsonian therapy. Involuntary movements are usually dose-related but may appear after several months of therapy on fixed dosage. These movements may necessitate reduction of dosage, often with sacrifice of some symptom control. It is sometimes possible to return to previous dosage levels without reappearance of involuntary movements.

Elevations of blood urea nitrogen, SGOT, SGPT, LDH, bilirubin, alkaline phosphatase, or protein bound iodine have been observed. Occasional reduction in WBC, hemoglobin, and hematocrit have been reported. Elevations of uric acid have been noted when the colorimetric method was used but not when uricase was used. The Coombs' test on rare occasions has become positive during extended therapy. Dark sweat and urine have also been reported but are not indications for discontinuing Dopar (levodopa, Eaton).

Dosage and Administration: The optimal daily dose of Dopar (levodopa, Eaton), i.e., the dose producing maximal improvement with tolerated side effects, must be determined and carefully titrated for the individual patient. The usual initial dosage is 0.5 to 1 gram daily, divided in 3 or more doses. The total daily dosage is then increased gradually to increments of 100 mg. to 750 mg. every 2 or 3 days as tolerated. The usual daily dose range of levodopa is from 4 to 6 grams, administered orally in 3 or more divided doses with food. The daily dosage should not exceed 8 grams. Optimal therapeutic dosage is usually reached in 6 to 8 weeks.

Before general anesthesia, Dopar (levodopa, Eaton) therapy may be interrupted within 24 hours of surgery and reinstated as soon as the patient is able to take medication by mouth. Whenever therapy has been interrupted briefly, dosage should again be adjusted gradually; however, in many cases the patient can be rapidly titrated to his previous therapeutic dosage. (See PRECAUTIONS.)

Overdosage: For acute overdosage general supportive measures should be employed, along with immediate gastric lavage. Intravenous fluids should be administered judiciously and an adequate airway maintained. Electrocardiographic monitoring should be instituted, and the patient carefully observed for the possible development of arrhythmias; if required, appropriate antiarrhythmic therapy should be given. Consideration should be given to the possibility of multiple drug ingestion by the patient. To date, no experience has been reported with dialysis; hence its value in levodopa overdosage is not known. Although pyridoxine hydrochloride (vitamin B₆) has been reported to reverse the antiparkinson effects of levodopa, its usefulness in the management of overdosage has not been established.

How Supplied: Dopar is available in opaque green capsules of 100 mg.; in opaque green and white capsules of 250 mg.; and in opaque green capsules of 500 mg. These are supplied in bottles containing 100 capsules.

For round-the-clock medical consultation on Eaton products, telephone Norwich, New York, Area Code 607-334-9911.



Pioneers in levodopa Research
EATON LABORATORIES
Division of The Norwich Pharmaceutical Company
NORWICH, NEW YORK 13815

1970 TECHNICAL EXHIBITORS

Technical exhibits located in the Dallas Memorial Auditorium will be open 8:00 a.m.-5:00 p.m. Monday through Wednesday, and 8:00 a.m.-12:00 noon, Thursday.

ABBOTT LABORATORIES,
North Chicago, Ill. 621, 623

Abbott will present the Pediasol™ line of intravenous solutions especially formulated for pediatric use, Normosol® solutions, modern successors to normal saline and dextrose. Important pharmaceutical specialties will also be displayed.

AMERICAN CYSTOSCOPE MAKERS, INC.,
Pelham Manor, N. Y. 231

We will exhibit flexible fiber optic instruments for gastroscopy, esophagoscopy, sigmoidoscopy and inspection of the biliary tract as well as rigid fiber optic endoscopes. We will also exhibit the A.C.M.I. electro-medical product group.

ARMOUR PHARMACEUTICAL CO.,
Chicago, Ill. 318

You are invited to visit the Armour Pharmaceutical Company Booth #318. The featured product will be Thyrolar, Sodium Lithyronine (T₂) and Sodium Levthyroxine (T₄). Our representatives will be pleased to discuss Thyrolar with you as well as other Armour products. Product information and clinical studies are available upon request.

ASTRA PHARMACEUTICAL PRODUCTS, INC.,
Worcester, Mass. 229

Information and descriptive literature pertaining to Xylocaine® (lidocaine) and Citanest® (prilocaine) local and topical anesthetics, and the intravenous use of Xylocaine in the treatment of life-threatening cardiac arrhythmias will be available at the Astra booth.

AUDIO-DIGEST FOUNDATION,
Los Angeles, Calif. 118

Audio-Digest Foundation (a non-profit subsidiary of the California Medical Association) gives the busy physi-

cian a time-saving tour through the best of some 600 current medical journals, plus the highlights of scores of national meetings. Time-proven, but still unique—these medical tape-recorded services are now offered in reel to reel tape and Phillips type cartridges: General Practice, Surgery, Internal Medical, Obstetrics & Gynecology, Anesthesiology, Ophthalmology and Pediatrics. Digest subscribers listen in their car, home or office. Carefully selected tape equipment for playing the Digests is offered at the convention by Pacific Medical Equipment Co.

AYERST LABORATORIES,
New York, N. Y. 814, 816

BIO-DYNAMICS INC.,
Indianapolis, Ind. 105

UNITEST SYSTEM—rapid determination of fourteen basic blood tests—laboratory precision. COAGULATION SYSTEM—Prothrombin and partial Thromboplastin determination. MARK X STETHOSCOPE—Transmits sound never heard before. TEN-LITE STETHOSCOPE—Light—yet performs like a heavyweight! FETAL STETHOSCOPE—new standard in OB auscultation. UNISCOPE—equivalent to high-priced stethoscopes. NEUROLOGICAL INSTRUMENT Model 6—5 instruments in one.

BIOMEDICAL LABORATORIES, INC.,
Burlington, N. C. 219

Biomedical Laboratories is a clinical testing service designed to maintain the utmost in Quality, Precision, and Accuracy. Quality control is an integral part of our activity. We furnish daily pick-up service in many areas of the Southeast, with rapid expansion projected for other states. Our SMA 12/60 panel has been constructed along guidelines based on panels now used in the leading university laboratories. We have many panels from which to choose, and we offer complete clinical chemical services.

BIOMEDICAL TRENDS
Clifton, N.J. 220

Devereux serves



through residential treatment centers for mentally retarded and emotionally disturbed children and young adults.

DEVEREUX SCHOOLS

UNDER THE DEVEREUX FOUNDATION
A NONPROFIT ORGANIZATION

Helena T. Devereux
Founder and Consultant

Marshall H. Jarvis
Chief Executive Officer

FOR INFORMATION AND LITERATURE:

PENNSYLVANIA, MASSACHUSETTS, CONNECTICUT

Charles J. Fowler, Director of Admissions
Devereux Schools, Devon, Pennsylvania, 19333

CALIFORNIA... Richard Simpson, Director of Admissions
Box 1079, Santa Barbara, 93102

TEXAS..... Mrs. Jo Lange, Director of Admissions
Box 2666, Victoria, 77903

ARIZONA..... Franklin W. Dale, Director
6404 E. Sweetwater, Scottsdale, 85254

Visit Us at Booth 504

BREON LABORATORIES, INC.,
New York, N. Y. 604

Breon Laboratories, Inc. presents a full line of products for the care of patients with chronic obstructive pulmonary diseases. Included are ALEVAIRE, BRONKOMETER, BRONKOSOL, BRONKOTABS, BRONKOTAB-HAFS, BRONKOLIXIR and BRONKEPHRINE. Supplying a variety of formulas, dosage forms and actions; these products offer both prophylaxis and therapy, in chronic or acute conditions, to all ages. Breon personnel will gladly discuss specific products and therapies with you.

BRISTOL LABORATORIES,
Syracuse, N. Y. 103

**THE BROWN PHARMACEUTICAL
CO., INC.,**
Los Angeles, Calif. 208

Brown Pharmaceutical Company, Inc. welcomes your visit to our booth and the opportunity to discuss with you a group of our most important pharmaceutical specialties. Included in this year's exhibit are Android, Cerebro-Nicin, Lipo-Nicin, Glukor and Calphosan. Also our new Double-Blind Study on Android for impotence. Please feel free to stop and discuss these Brown products with our specially trained representatives.

**BURROUGHS WELLCOME & CO.,
INC.,**
Tuckahoe, N. Y. 815

BURTON, PARSONS & COMPANY,
Washington, D. C. 204
You are cordially invited to visit the Burton, Parsons & Company exhibit where our representatives will be showing Konsyl, L. A. Formula, and EKG Sol. Samples, descriptive literature, and information will be available on all these products. Konsyl and L. A. Formula are the original refined psyllium bulk laxatives. EKG Sol is the modern electrode cream for electrocardiography and electroencephalography.

CIBA PHARMACEUTICAL COMPANY,
Summit, N. J. 301, 313, 505

- COCA-COLA USA,
Atlanta, Ga. 511
Ice cold Coca-Cola served through the courtesy and cooperation of The Coca-Cola Bottling Works, Inc. of Dallas, Texas and Coca-Cola USA.
- COLE PHARMACAL CO., INC.,
St. Louis, Mo. 613
- CONCEPT, INC.,
St. Petersburg, Fla. 320
Concept, Inc. is a designer and manufacturer of medical and surgical instruments for the medical profession. The following products have been originated by the company and will be shown at our booth:
New Office Desk Sets
Disposable Penlight Six Pack
Disposable Tongue Depressor System
Disposable Nerve Locator/Stimulator
Disposable Surgical Cauteries
Battery Operated Drills
Flexible Surgical Lights
Skin Graft Expander
Cobalt Blue Pocket Lights
Corneal Rust Ring Remover
Comfort Products
We believe a visit to our booth will be a rewarding and stimulating one!
- CONNECTICUT GENERAL LIFE
INSURANCE COMPANY,
Hartford, Conn.
515, 517, 616, 618
- CONTOUR SALES, INC.,
St. Louis, Mo. 112, 114
Contour Chairs are the uncommon kind—looks different, sits different—designed and built for your size and comfort. Contour Chairs are covered by 21 patents! This new concept of sitting is the same principle as the body moulded couch the astronauts use in space flight. Try a Contour Chair today.
- COOPER LABORATORIES, INC.,
Bedford Hills, N. Y. 619
- THE DEVEREUX FOUNDATION,
Devon, Pa. 504
The Devereux Schools, Devon, Pennsylvania; Santa Barbara, California; Victoria, Texas; Rutland, Massachusetts; Phoenix, Arizona; and Wash-
- ington, Connecticut is a nonprofit, private, residential treatment center, offering the retarded and emotionally disturbed child an opportunity for physical, social, intellectual and emotional growth. Academic education, kindergarten through high school, is provided, as well as medical, psychiatric and psychological service.
- DIAPULSE CORPORATION OF
AMERICA,
New Hyde Park, N. Y. 217
DIAPULSE is nonthermal, pulsed high-peak power, electromagnetic energy (NT-P/EmF). It is NOT diathermy, NOT pulsed diathermy, NOT microwave, NOT ultrasound. Diapulse is clinically effective and economically sound. An ideal unit for the general practitioner's office, since it can be used safely over any area of the body on patients of any age.
- DICTAPHONE CORPORATION
Rye, N. Y. 109
- FORD DIXON COMPANY,
Dallas, Texas 226
- DOME LABORATORIES,
West Haven, Conn. 605
Our trained, courteous representatives look forward to meeting you and discussing the products Dome has developed to meet your needs in dermatology and allergy.
- THE DOW CHEMICAL COMPANY,
Midland, Mich. 207
DIAGNOSTEST® instruments and reagents; a diagnostic system developed in conjunction with Bio-Science Laboratories of California for doing blood chemistry tests in the physician's office and stat or stand-by use in hospitals or private laboratories. Accuracy and precision are comparable to reference methods; between-run precision is $\pm 10\%$ or better (depending on test).
- THE DOYLE PHARMACEUTICAL
COMPANY,
Minneapolis, Minn. 210
MERITENE—Protein-Vitamin-Mineral supplement provides concentrated nutrition.
DIETENE—for weight reduction. Pro-

vides optimum nutrition and maximum satiety without the use of drugs. **CONTROLYTE**—a high-calorie, protein-free, low-electrolyte powder to provide calorie fortification for the protein restricted diet. **RESOURCE BAKING MIX**—Protein-free baking mix used for preparing bread and other baked foods.

DUKE LABORATORIES, INC.,
South Norwalk, Conn. 611
DUKE LABORATORIES, INC. will display **ELASTOPLAST** Bandages and Unit Dressings; **AQUAPHOR**, an ointment base; **NIVEA CREME**, **NIVEA SKIN OIL** and **BASIS SOAP**—the prescriber's cosmetics—and **MELLO-BATH**, a water-dispersible oil for the bath.

EATON LABORATORIES,
Norwich, N. Y. 813
EATON LABORATORIES (Pioneers in levodopa research). Our Medical Service Representatives welcome the opportunity to discuss new **Dopar®** (levodopa, Eaton) Capsules* and our other products and professional services available to you.

THE EMKO COMPANY,
St. Louis, Mo. 520
The Emko Company, specialists in foam contraceptives, introduces **EMKO PRE-FIL**, a new convenience in intra-vaginal contraception with a high level of effectiveness. **EMKO VAGINAL FOAM CONTRACEPTIVE** has been professionally recommended over the last decade. Detailed information on **EMKO VAGINAL FOAM CONTRACEPTIVE**, **EMKO PRE-FIL**, **MY OWN DEODORANT SPRAY** and **HYGIENIC TOWELETTES** available at the EMKO exhibit booth.

ENCYCLOPAEDIA BRITANNICA, INC.,
Chicago, Ill. 509
Encyclopaedia Britannica welcomes delegates to the Southern Medical Association. As part of EB's 200th

*Available in 100 mg, 250 mg, and 500 mg capsules.

Anniversary, we will have on display the great new edition of Britannica, Great Books of the Western World, EB Replica, etc. Stop and inspect these products in booth #509. They are available to the delegates at our convention offer.

MARSHALL ERDMAN AND ASSOCIATES, INC.,
Richardson, Texas 116

FLINT LABORATORIES,
Deerfield, Ill. 404, 406, 408
Featured will be **FLINT Laboratories'** newly introduced **CHOLOXIN®** (sodium dextrothyroxine) which effectively lowers elevated serum cholesterol. Physicians will have the opportunity to have their serum cholesterol level tested utilizing the direct-reading cloiremeter method. Results of the tests will be immediately available to each physician. Also featured will be **SYNTHROID®** (sodium levothyroxine), indicated in hypothyroidism, and **FERRLIOP®** (brand of ferrocholate) the safe iron.

FULLER LABORATORIES,
Eden Prairie, Minn. 617
"Tucks family of products" Tucks medicated pads, Tucks Take-Alongs, Tucks witch hazel Ointment, Cream and Cream HC for management of pruitus ani, hemorrhoidal and perineorrhaphy discomfort. Fuller Shield dressing used following anorectal surgery, and its companion, **ARD Butterfly-Shaped anorectal dressing**. **Scopettes** — Proctosigmoidoscopic Swabs lint-free, holds shape wet or dry.

GEIGY PHARMACEUTICALS,
Ardley, N. Y. 108

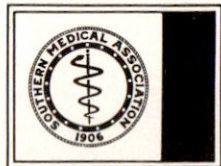
GLENWOOD LABORATORIES, INC.,
Tenafly, N. J. 610
Glenwood Laboratories, Inc., will feature its principal products, **POTABA®** and **MYOCHOLINE™**. Also featured will be **FLEXOPLAST™** and **PRIMER®** Medicated Bandage used in the treatment of leg ulcers; and **CALPHOSAN®** for painless intramuscular calcium injections.

**WITH
CHANGES
EFFECTED
APRIL 1, 1970
YOUR S M A
INSURANCE
PROGRAM
IS
THE MOST
COMPLETE
COMPREHENSIVE
TOTAL
COVERAGE
AT
NEW LOW
LOW
COST
MAKING
THIS PLAN
THE FINEST
PROGRAM
EVER OFFERED.....**





SOUTHERN MEDICAL ASSOCIATION



INSURANCE PROGRAM

..... P.O. Box 1418-Fort Worth, Texas, 76101

HAMILTON MANUFACTURING CO.,
Two Rivers, Wisc. 205
The "New Look of Quality" will be the theme of the Hamilton display. The Hamilton Power Examining Table will be shown. A "total room" concept will place the power table in a functional modular setting to illustrate convenience of good planning to the doctor during examination procedures.

HANKSCRAFT COMPANY,
Waukesha, Wisc. 720
Please check over our complete line of quality products . . . Cool-Vapor and Steam Humidifiers, Zymenol (for relief of constipation), Nursmatic Nurses, Baby Auto Safety Harness, Carry-All Bassinet and Diaper Bags, Food Warmer sets, Cotton Swabs, Hanksraft Facial Beauty Baths. Register for samples, literature, special prices to the medical profession.

HARPER & ROW PUBLISHERS, INC.,
Hagerstown, Md. 223
Among the new books are Furman and Escher: Cardiac Pacing; Kennedy et al: Textbook of Vectorcardiography; Brughera-Jones: Manual of Laboratory Medicine; Brunnstrom: Movement Therapy in Hemiplegia; Bowen: The Diabetic Gourmet; Fredman and Freedman: Introduction to Steroid Biochemistry and Its Clinical Application; and Mark and Ervin: Violence and the Brain. Also on display is the Loose Leaf PRACTICE OF MEDICINE with timesaving Service.

G. S. HERBERT LABORATORIES,
Santa Ana, Calif. 212
G. S. Herbert Laboratories will feature FLUOROPLEX® Topical Solution (1% fluorouracil in propylene glycol) 30 cc.

HOECHST PHARMACEUTICAL COMPANY,
Cincinnati, Ohio 502, 812
The representatives at Booths 502 and 812 will be happy to discuss Hoechst products with particular application to the physician's individual

practice. Featured is Lasix® (furosemide), Surfak and Doxidan.

HOLLISTER-STIER LABORATORIES, INC.,
Atlanta, Ga. 410
Hollister-Stier Laboratories welcomes you to the 64th Annual Meeting of the Southern Medical Association. We wish to invite you to visit our exhibit and view our products designed for the complete management of the allergic patient.

HONEYWELL, INC.,
Dallas, Texas 710
Honeywell Central and Portable Electronic Air Cleaning and Odor Control Equipment. Electronic Air Cleaners remove up to 95% of airborne dirt, dust and pollen passing through the cleaner. The Honeywell Scentrol evaporates a liquid counteractant into the air chemically combining with unpleasant odors leaving a hint of fragrance.

IVES LABORATORIES, INC.,
New York, N. Y. 115

JANRUS RECORDERS CORP.,
Beverly Hills, Calif. 716
Janrus representatives will be happy to demonstrate and answer any questions regarding their full line of cassette tape recorders and dictating equipment. Their uses are for recording lectures, case histories, and listening to medical tapes. Equipment is available for office, home, car, and travel. Featured will be CONCORD, UHER, CROWN, SHARP, PANASONIC, AMPEX, SONY, NORELCO.

KEELER OPTICAL PRODUCTS, INC.,
Philadelphia, Pa. 222
KEELER OPTICAL PRODUCTS, INC. will have available the KOWA FUNDUS CAMERA; AMOILS CRYO EQUIPMENT for Ophthalmology and Gynecology; OPERATING LOUPES; OPHTHALMOSCOPES; HAND SLIT LAMP; DIAGNOSTIC SETS: OCCLUDERS and HEADLIGHTS, etc.

KEY PHARMACEUTICALS, INC.,
Miami, Fla. 501

LAKESIDE LABORATORIES INC.,
Milwaukee, Wisc. 214

Lakeside Laboratories exhibit will include Cantils, Imferon, Norpramin, Metahydrin, Metatensin and Mercuhydrin.

LEDERLE LABORATORIES,
Pearl River, N. Y. 518, 714

ELI LILLY AND COMPANY,
Indianapolis, Ind. 601, 603

You are cordially invited to visit the Lilly exhibit. Our sales representatives in attendance will welcome your questions about our pharmaceutical products. You may be particularly interested in discussing KAFOCIN® Cephaloglycin Dihydrate, or LORIDINE® Cephaloridine.

LINDEN LABORATORIES, INC.,
Atlanta, Ga. 712

LOMA LINDA FOODS,
Riverside, Calif. 218

Loma Linda Foods, one of America's oldest manufacturers of fiber-free soy milk, will explain why the product SOYALAC is unusual in that it does not settle out, is milk-like in texture, and does not tend to raise infants' serum cholesterol. Samples of this flavorful, hypoallergenic milk will be served.

MALLINCKRODT PHARMACEUTICALS
St. Louis, Mo. 718

You are cordially invited to visit the Mallinckrodt Display. Our sales representatives will welcome the opportunity to answer your questions or discuss products of interest. Products featured are Diutensen-R, Sonilyn, and Lullylin.

MARION LABORATORIES, INC.,
Kansas City, Mo. 608

McNEIL LABORATORIES, INC.,
Fort Washington, Pa. 624

Members of the Southern Medical Association are cordially invited to visit our Booth #624, Mr. John C. Vaughan in charge.

MEAD JOHNSON LABORATORIES,
Evansville, Ind. 524

MEAD JOHNSON MEDICAL
SERVICES, INC.,
Evansville, Ind.

319, 321, 323, 422, 424, 426

The Mead Johnson Laboratories' exhibit has been arranged to give you the optimum in quick service and product information. To make your visit productive, specially trained representatives will be on duty to tell you about Vasodilan, Mucomyst, and Enfamil.

MEDCO PRODUCTS CO., INC.,
Tulsa, Okla. 322

Presenting the new MEDCO-SONLATOR TWIN, a new concept in therapy. Combining the first significant advance in Ultrasound therapy, selective rate pulsed Ultrasound, synchronized with Muscle Stimulation, and simultaneously applied through a single 3-way applicator. A few minutes spent in our booth should prove of value to your practice.

MEDICAL PLASTICS LABORATORY,
INC.,
Gatesville, Texas 228

Thousands of progressive physicians use our models not only to review their own anatomy but to build better patient relationships through confidence and understanding when explaining diagnosis and surgical procedures.

MENNEN-GREATBATCH
ELECTRONICS, INC.,
Clarence, N. Y. 203

Our display of physiological monitoring instruments will include a second generation multi-channel, ECG Telemetry System; Portable, battery-operated defibrillator-monitor and our new, economical D.C. Defibrillator. ICU, CCU monitors and nurse stations will be displayed in addition to a mobile, O/R-ICU Unit to monitor ECG, arterial and venous pressures, EEG and temperature.

MERCK SHARP & DOHME,
West Point, Pa.

316, 413, 503, 525

The Merck Sharp & Dohme exhibit has been designed to supplement the physician's therapeutic armamentari-

um. Technically trained personnel are present to discuss the scope and variety of services offered.

MEYER LABORATORIES,
Fort Lauderdale, Fla. 206

MISSION PHARMACAL CO.,
San Antonio, Texas 706

MISSION will have on display Homapin® Liquitab®, the first flavored chewable antispasmodic preparation. Also on display will be Equilet®, Fetamin® Fosfree®, Homapin®, Iromin-G®, Mission Prenatal™, Mission Prenatal F.A.™, Prulet®, Prulet® Liquitab®, and Supac®.

NEUTROGENA CORP.,
Santa Monica, Calif. 201

New from Neutrogena — NEUTROGENA GEL RAINBATH—A lipid free foaming skin gel. Indicated as an adjunct for cleansing in atopic dermatitis and where soap is contraindicated. Cleans with uncommon mildness; leaves skin smooth to touch.

NIAGARA THERAPY
MANUFACTURING CORP.,
Dallas, Texas 329

This is a prestige product with 2 million dollars of medical research to support all the claims and benefits derived from using Niagara Therapy Mfg. Corp. products. Patent name, Niagara Cyclo-Massage.

NORTH AMERICAN PHARMACAL
Dearborn, Mich. 216

ORGANON, INC.,
West Orange, N. J. 107

ORTHO PHARMACEUTICAL
CORPORATION
Raritan, N.J. 111

PARKE, DAVIS & COMPANY,
Detroit, Mich. 425, 427

PERSON & COVEY, INC.,
Glendale, Calif. 606

Person & Covey, Inc. will be exhibiting products of particular interest to the Dermatologist, Allergist, Plastic Surgeon and Ophthalmologist. Our representatives will be waiting to discuss these products with you and

to answer any questions you may have.

PFIZER LABORATORIES,
New York, N. Y. 431, 433

The Pfizer Laboratories' display has been specifically arranged for your convenience and to give you the maximum in quick service and product information. To make your visit worthwhile, technically trained Medical Service Representatives will be on hand to discuss with you the latest developments in Pfizer research.

PHARMACIA LABORATORIES, INC.,
New Market, N. J. 526

Pharmacia Laboratories, Inc. will exhibit AZULFIDINE® (salicylazosulfapyridine) tablets and AZULFIDINE® EN-Tabs (enteric-coated), indicated as adjunctive therapy in the treatment of ulcerative colitis.

PHILIPS ROXANE LABORATORIES,
INC.,
Columbus, Ohio 607

Wm. P. POYTHRESS & CO., INC.,
Richmond, Va. 306

You are cordially invited to visit the exhibit of Wm. P. Poythress & Company, Inc., manufacturers of ethical pharmaceuticals since 1856, and discuss our line of established products. Our medical representatives will be available to supply you with literature, samples and technical information on Antrocol, Bensulfoid Lotion, Merpectogel, the Mudrane combinations, Panalgesic, Solfo-Serpine, Solfoton, Synirin, T C S, Trocinate and Uro-Phosphate.

PROFESSIONAL OFFICE BUILDINGS
Madison, Wisc. 708

The pioneer medical building company presents a display of photos and renderings of buildings across the United States. As specialists in individual design, engineering, and construction, P.O.B. offers the interested physician complete service from drawing board to project completion.

Consultants and plan brochures are available at the exhibit.

PURDUE FREDERICK COMPANY,
Yonkers, N. Y. 615

The feature products are Betadine Products and Senokot Products.

BETADINE PRODUCTS: Broad-range antiseptic. Contains povidone-iodine; retains broad microbicidal iodine spectrum, yet virtually non-irritating and longer acting.

SENOKOT PRODUCTS: Natural vegetable laxative. Laxative that provides gentle yet effective peristaltic stimulation. Virtually colon specific for management of functional constipation.

RITTER CO.,
Rochester, N. Y. 430, 432

Time and Motion Conservation. Allow Ray Holt and Bill Reid to show you how to save time and motion in your busy practice. Visit us at Booths 430 and 432.

A. H. ROBINS COMPANY
Richmond, Va. 417, 419, 512, 514, 806

ROCHE LABORATORIES,
Nutley, N. J. 211, 213, 310, 312

WILLIAM H. RORER, INC.,
Fort Washington, Pa. 110

William H. Rorer, Inc. takes pride in exhibiting its fine pharmaceutical products at this convention. Our representatives will gladly discuss Malox, Camalox, Ascriptin, Quaalude and our other products with you.

ROSS LABORATORIES,
Columbus, Ohio 327

You are cordially invited to request from our representative any of the many available ROSS Service materials. These include ROSS Developmental Aids, Breast Feeding and Formula Preparation instructional booklets, Age-graded Diet Sheets, Mother and Baby Booklet and many other timesaving instructional aids for your patients.

SANDOZ PHARMACEUTICALS,
Hanover, N. J. 405, 407, 409, 411

Sandoz Pharmaceuticals invites you to visit our display at Booth #405, 7, 9 and 11, where our representa-

tives will be happy to provide you with complete information on our new product, SERENTIL!

W. B. SAUNDERS COMPANY,
Philadelphia, Pa. 302

Saunders will have on display a number of new titles and new editions of medical books published since last year's meeting. Do stop at our booth!

SCHERING LABORATORIES,
Union, N. J. 303, 305, 307, 309

SCHERING LABORATORIES invites you to visit their exhibit, Booth spaces #303, 305 and 307 where their representatives will be available to discuss with you any questions you may have on ETRAFON®, GARAMYCIN® Injectable, DRIXORAL®, DEMILETS® or any other Schering product.

SCHERING LABORATORIES invites you to visit the Doctor's Self-Service Area, Booth space #309 where slides from Slide Library are on display. Books on the podia feature free Practice and Teaching Aids which are available on request by completing the Information Request Form.

G. D. SEARLE & CO.,
Chicago, Ill. 802, 804

You are cordially invited to visit the SEARLE booth where our representatives will be happy to answer any questions regarding Searle Products of Research. Featured will be information on DEMULEN®, ENOVID®, ALDACTAZIDE®, FLAGYL®, LOMOTIL®, PRO-BANTHINE® and other drugs of interest.

SMITH KLINE & FRENCH
LABORATORIES,
Philadelphia, Pa. 412

Featured will be our comprehensive oral diuretic, 'Dyazide,' each capsule containing 50 mg of 'Dyrenium' (brand of triamterene) and 25 mg of hydrochlorothiazide.

SMITH, MILLER & PATCH, INC.,
New York, N. Y. 402

Smith, Miller & Patch, Inc. will feature our new non-barbiturate hypnotic, SOMNAFAC and SOMNAFAC FOURTE; DECONAMINE, a potent oral antihistamine and decongestant in three dosage forms; PYOCIDIN-HC OTIC

SOLUTION: VASOCIDIN OPHTHALMIC-OTIC SOLUTION; our hematinics, VITRON-C and VITRON-C PLUS; and our specialty bowel regulator, KON-DREMUL.

E. R. SQUIBB & SONS, INC.,
New York, N. Y. 801, 803

STUART PHARMACEUTICALS,
DIVISION OF ATLAS CHEMICAL
INDUSTRIES, INC.,
Pasadena, Calif. 808, 810

A cordial invitation is extended to all members and guests attending this meeting to visit the Stuart Pharmaceuticals booth. Specially trained representatives will be in attendance to answer your questions on our products: DIALOSE®, DIALOSE® PLUS, MULVIDREN®, MULVIDREN®-F, MYLANTA®, MYLICON®, STUART PRE-NATAL®, STUART PRENATAL® w/ Folic Acid, and SORBITRATE®.

STORZ INSTRUMENT CO.,
St. Louis, Mo. 113

SYNTEX LABORATORIES, INC.,
Palo Alto, Calif. 506

TAMPAX INCORPORATED,
New York, N. Y. 401

TAMPAX Incorporated offers free patient education materials on the menstrual cycle, menstruation and the use of TAMPAX tampons for women and girls. Anatomical charts of the female reproductive system, a teaching aid on the menstrual cycle, booklets for patient distribution, and reference medical reprints are available to answer the many questions asked of physicians.

TEXAS PHARMACAL COMPANY,
San Antonio, Texas 622

Texas Pharmacal Company will exhibit its distinctive dermatological products, including Lubriderm Lotion, and Lubriderm Cream, and Lubriderm Bath Oil, and a new shampoo for dry, scaly dandruff: Meted 2. Allerceme Hypo-Allergenic Cosmetics will feature its new Combination Skin Cleanser and will exhibit the three formulas of Hair Sprays and four formulas of Anti-Perspirant Deodorants.

GEORGE TIEMANN & COMPANY,
Long Island City, N. Y. 119

GEORGE TIEMANN & COMPANY, a name symbolizing fine quality and service for over 145 years, will exhibit representative instruments in varied specialties. Particular attention will be shown to dermatological instruments. Related accessories such as magnifying spectacles and headlights will also be featured. See our STOUGH hair transplant punches.

UNITED MEDICAL LABORATORIES,
INC.,

Portland, Ore. 508

Physicians are invited to participate in a comprehensive automated laboratory screening survey. Twenty-four common tests will be performed on each person as a part of a clinical study. Laboratory findings will be returned to the participating physicians. Plan to stop by the United Medical Laboratories booth for your free profile.

UNIVERSAL MEDICAL SERVICES,
INC.,

King of Prussia, Pa. 227

THE UPJOHN COMPANY,
Kalamazoo, Mich. 416, 418

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.

USV PHARMACEUTICAL
CORPORATION,
New York, N. Y. 507

DBI-TD—An oral hypoglycemic agent. The only biguanide available in this country for the treatment of stable adult diabetes. DBI-TD is not a sulfonylurea but a different chemical which acts differently. DBI-TD not only lowers elevated blood sugar in maturity onset ketoacidosis-resistant diabetes but also lowers elevated cholesterol levels.

WAMPOLE LABORATORIES,
Stamford, Conn. 221

WARNER-CHILCOTT LABORATORIES,
Morris Plains, N. J. 423

THE WILLIAM A. WEBSTER
COMPANY,
Memphis, Tenn. 609

EDWARD WECK & COMPANY, INC.
Dallas, Texas 403

WESTWOOD PHARMACEUTICALS,
Buffalo, N. Y. 304

WINTHROP LABORATORIES,
New York, N. Y. 521, 523

You are cordially invited to visit Winthrop booth #521, 523 where the following products will be featured: Talwin® (brand of Pentazocine) (as lactate); Isuprel (brand of Isoproterenol) Mistometer.

WYETH LABORATORIES,
Philadelphia, Pa. 101, 702

Wyeth will feature . . . OVRAL® (each tablet contains 0.5 mg norgestrel with 0.05 mg ethinyl estradiol) Wyeth, Tablets; SERAX® (Oxazepam) Wyeth, Capsules 10, 15, 30 mg—Tablets

15 mg; PHENERGAN®-D (each tablet contains 6.25 mg promethazine HCl and 60 mg pseudoephedrine HCl) Wyeth, Tablets; PHENERGAN® COMPOUND (6.25 mg promethazine HCl, 60 mg pseudoephedrine HCl and 600 mg aspirin) Wyeth, Tablets. Full information available at booth #101.

ZIMMER MANUFACTURING
COMPANY,
Warsaw, Ind. 612

Welcome to the Zimmer booth. You will find here the new Ultra-Care Mattress, the new economy line of disposable soft goods, along with Zimcode Traction and other orthopedic products.

AVIONICS RESEARCH PRODUCTS
Los Angeles, Calif. 704

Total monitoring capability for the ambulatory patient under stress to detect and document ischemic changes or arrhythmic disturbances.

BURN TREATMENT SKIN BANK
Phoenix, Ariz. 315



See events you couldn't attend:

Roche Laboratories is pleased to participate in presenting highlights of the 64th Annual Meeting of the Southern Medical Association in Dallas, Texas, November 16 to 19. Closed circuit television programs will include: Convention News—Panel Discussions—News about the Southern Medical Association—Clinical Programs—Interviews.

Please consult your convention TV guide for appropriate times and channel.

THE WOMAN'S AUXILIARY TO THE SOUTHERN MEDICAL ASSOCIATION

46TH ANNUAL MEETING

November 16-19
Sheraton-Dallas Hotel, Dallas, Texas

REGISTRATION AND INFORMATION

The Sheraton-Dallas Hotel, Mosaic Wall, in the main lobby, will be open Sunday, 2:00-5:00 p.m.; Monday and Tuesday, 8:30 a.m.-4:00 p.m.; and Wednesday, 8:30-11:00 a.m.

SOUTHERN HOSPITALITY ROOM, DOCTORS' DAY EXHIBITS, AND RESEARCH AND ROMANCE OF MEDICINE EXHIBITS

The Southern Hospitality Room, Sheraton-Dallas Hotel, Stephen F. Austin Room (main floor), will be open Sunday from 2:00-5:00 p.m., Monday from 8:30 a.m.-4:00 p.m., Tuesday from 8:00 a.m.-4:00 p.m., and Wednesday from 8:30-11:00 a.m.

TICKETS

Tickets for all events may be purchased at the Auxiliary registration desk, Sheraton-Dallas Hotel, Mosaic Wall, in the main lobby, and in the SMA registration area, Fairmont Hotel (Sunday only), or in the SMA registration area, Dallas Memorial Auditorium.

PLANNED ACTIVITIES

The Local Committee on Arrangements for the Annual Meeting of the Woman's Auxiliary to the Southern

Medical Association has planned the program for the meeting so that doctors as well as their wives may join in all the entertainment and have fun as well as attend their meetings.

SIGHTSEEING TOURS AND INFORMATION

Sightseeing tours of Dallas, both day and night, may be arranged at all hotel information desks. Several interesting events will be held in Dallas during the SMA Meeting. These include: **(1) King Lear**—presented by the University Theater of Southern Methodist University, November 10-15 and November 17-22. For tickets, \$3, contact S.M.U. Theater Department, Dallas, Texas 75222; **(2) Madame Butterfly**—Matinee will be Sunday, November 15, Opening Night will be Friday, November 13. Presented by the Dallas Civic Opera, *Madame Butterfly* will star Renato Scotto and Bruno Prevedi. For tickets contact Dallas Civic Opera, 505 North Ervay, Dallas, Texas 75201; **(3) Dallas Cowboys vs St. Louis Cardinals**—Sunday, November 15, Cotton Bowl. Tickets, \$7, should be purchased in advance. For tickets contact Dallas Cowboys Ticket Office, 6116 North Central Expressway, Dallas, Texas 75206.

PROGRAM BY DAYS

Sunday, November 15

1:00 p.m.

Executive Committee Meeting, Sheraton-Dallas Hotel, Mrs. Gordon W. Peek's suite.

7:00-8:30 p.m.

Southern Medical Association's President's Reception, Fairmont Hotel, Gold Room.

Monday, November 16

8:30 a.m.

Preconvention Meeting of the Executive Board, Seated Breakfast, Sheraton-Dallas Hotel, Sam Houston Room, Mrs. Gordon W. Peek, President, Baton Rouge, La., presiding. Tickets \$3.50.

11:00 a.m.-4:00 p.m.

"Big D" Tour and Luncheon. Tour will include several fabulous and unique Dallas homes, choice antique shops, Arnold's (a do-it-yourself, decorative, and hobby shop), and an outstanding art exhibition opening depicting Great Moments in Medicine (especially prepared for the Southern Medical Association). Luncheon will be served en route at one of Dallas' select tea rooms. This is a not to be missed event! Buses will leave Sheraton-Dallas Hotel promptly at 11:00 a.m. Tickets, \$10, must be purchased prior to Monday, Nov. 16, 9:30 a.m.

Tuesday, November 17

8:30 a.m.

General Session, 46th Annual Meeting, Woman's Auxiliary to the Southern Medical Association, Sheraton-Dallas Hotel, Sam Houston Room, Mrs. Gordon W. Peek, President, Baton Rouge, La., presiding.

12:15 p.m.

Southern Medical Association's President's Luncheon (First General Session), Fairmont Hotel, Gold Room. Tickets, \$5, on sale at SMA registration desks, Dallas Memorial Auditorium, must be purchased prior to Tuesday, November 17, 10:00 a.m.

2:00-4:30 p.m.

Texican Tour and Tea. Shop in the Old-New World atmosphere of the Texas-Mexican adobe town. Here you will find the exclusive, the elusive, the "in and out," the unique, and the antiques. Everything and anything can be found at the Quadrangle. For refreshment, Texican Tea will be served on the patio of a Texas-Spanish style home. Tickets, \$3.50, must be purchased prior to Tuesday, November 17, 9:30 a.m. Buses will leave the Sheraton-Dallas Hotel promptly at 1:30 p.m.

Wednesday, November 18

8:30 a.m.

Post Convention Meeting of the Executive Board, Texas Breakfast, Sheraton-Dallas Hotel, Sam Houston Room, Mrs. Ramsay H. Moore, President, Dallas, Texas, presiding. Tickets \$3.50.

10:00 a.m.

Southern Medical Association's Second General Session, Dallas Memorial Auditorium, Room No. 5. Auxiliary members invited.

12:00 noon

Doctors' Day Awards Luncheon, Sheraton-Dallas Hotel, Grand Ballroom, Mrs. Gordon W. Peek, Immediate Past President, Baton Rouge, La., presiding. Tickets, \$7.50, must be purchased prior to Tuesday, November 17, 12:00 noon.

6:30 p.m.

Southern Medical Association's Annual President's Night Dinner Dance, 7:30 p.m., Fairmont Hotel, Regency Ballroom, preceded by a Hospitality Hour, 6:30-7:30 p.m. Tickets, \$15, on sale at SMA registration desks, Dallas Memorial Auditorium, must be purchased prior to Wednesday, November 18, 12:00 noon.

INDEX OF NAMES

	Page		Page
A			
Abernathy, Robert S.	52	Best, E. B.	129
Abston, Sally	48, 95	Bethea, William M., Jr.	118
Achord, James L.	36	Bevilacqua, A. R.	56, 126
Achkar, E. J.	129	Bevin, A. G.	104
Adam, Maurice	129	Bhatti, S. A.	63
Adams, Daniel M.	79	Bicknell, Richard F.	19
Adamson, Jerome E.	5, 105	Biggs, Albert W.	113
Adriani, John	22	Birdsong, Jackson H.	91, 131
Ahlgren, E. Warner	21	Birnbaum, Walter D.	25, 26
Akogyeram, Esther	18	Bishop, Linton H., Jr.	4, 114, 116
Alaupovic, P.	34	Black, P. W.	104
Aldrete, J. Antonio	20	Blackwood, Donald	119
Alford, B. R.	132	James	119
Allen, Edward P.	133	Blake, Thomas M.	5
Allen, R. G.	106	Block, M. A.	105
Allen, Terry D.	109	Bloodwell, Robert D.	19
Allison, R. D.	129	Board, John A.	62
Almy, Thomas P.	32, 35, 38	Bodey, Gerald P.	128
Ambrose, Samuel S., Jr.	107, 111	Boggs, H. Whitney, Jr.	26
Anderson, Everett	109, 112	Bohne, A. Waite	108, 109
Anhalt, Melvyn A.	113	Boniuk, Milton	66
Applewhite, Mary Lou	128	Booth, William	9
Arens, James F.	19, 22	Bottoff, Melvin K.	63
Aronoff, Philip M.	73	Bradfield, James Y.	123
Asher, Gary H.	118	Bradford, James L., Jr.	81
Ashley, Gay	133	Brame, Robert G.	63
Austin, Nathan F.	22	Brannan, William	111
Ayala, A. G.	108	Brasher, George W.	16
B			
Bach, Philip J.	47	Breffelil, Louis A.	67
Badwey, Robert E.	44	Brendler, Herbert	107, 109
Bailey, Byron J.	80	Brenner, R. Larry	66
Bailey, Didi	118	Brenner, Sayers Robert	119
Bailey, Herbert A.	10, 32	Bricker, D. L.	104
Bailey, Wallace	10, 25	Bridenbaugh, L.	19, 21, 23
Baker, Lenox D.	5	Donald	19, 21, 23
Ballesteros, Ruben F.	96	Briggs, Charles M.	118
Banning, Philip G.	72	Brindley, Hanes H.	77
Banov, Leon, Jr.	27	Brooks, Arthur L.	133
Barclay, David L.	43	Brooks, Joseph T.	119
Barnett, Robert V.	60	Broughton, Daniel D.	118
Barrett, William H.	67	Brower, Thomas D.	75
Baskin, John L.	10, 86	Brown, Charles H.	33, 36
Bassett, Frank H., III	73	Brown, Patrick L.	119
Batson, Randolph	9	Brown, R.	108
Baxter, Charles R.	10, 19, 48, 49, 103, 104	Brown, R. E.	84
Beach, Prince D.	107	Brown, William J.	132
Beacham, Woodard	44	Buchanan, Robert N., Jr.	5
Bean, William J.	99	Buchanan, Ronald E.	121
Beard, Jimmy	9	Buchtel, Buell C.	100
Beck, Paul	128	Bunch, Wilton H.	76
Becker, Stanley C.	67	Burdette, Walter J.	128
Bedell, Sullivan G.	5	Burgess, M. A.	128
Belin, R. P.	104	Burks, James W.	29, 132
Benbow, Barbara J.	19	Burnam, J. A.	81
Bennett, Edward J.	22	Bush, Oliver F.	9
Benson, Arthur K.	94	Buttram, V. C., Jr.	44
Benz, L. J.	32	Butts, Robert F.	4
Berens, David L.	129	C	
Bergfeld, Wilma F.	131	Calonje, Mario A.	101
Bergstrom, LaVonne B.	79, 81	Campbell, John	87
Berkeley, Ralph G.	68	Canzoneri, Joseph	92
Berkeley, William T.	93, 121	Caples, Pete L.	119
Berry, E. Lowell	9	Capps, J. H.	106
Besch, Paige	44	Caravati, Charles M.	130
		Carlton, Eugene C.	113
		Carlock, J. Hoyle	4, 5, 12
		Carr, Robert E.	122
		Carrell, Brandon	74
		Carroll, George J.	5, 12
		Carter, H. Gray	25, 27
		Casey, Albert E.	84
		Casey, Joanne G.	84
		Castro, A. F.	26
		Cathcart, Edward R.	127
		Cauthorne, R. T.	32
		Cazort, Ralph	130
		Ceballos, Ricardo	56, 126
		Chance, H. L.	108
		Chandler, J. Ryan	78, 82
		Chang, Pong Moon	20
		Cheatham, James S.	47
		Chehreh, M. Nick	18
		Chernosky, Marvin E.	31
		Cherry, William A.	49
		Chick, Ernest	73
		Childers, John H.	10, 83
		Christianson, Herbert	29, 128
		Christopher, Robert P.	90
		Chyatte, Samuel B.	91, 131
		Claiborne, Herbert	127
		Clark, Richard B.	61, 132
		Clark, Kemp	72
		Clark, Wallace H., Jr.	29
		Clary, Beverly B.	76
		Clealand, Mary	133
		Clifford, Edward	46
		Cohen, B. Stanley	132
		Cohen, Harry	62
		Cole, T. Boyce	81
		Combes, Burton	38
		Conners, James J.	77
		Connolly, John F.	72
		Constant, George	39, 40, 41
		Cook, D. Ray	119
		Cooper, James O.	132
		Cooper, John A. D.	7, 12, 13
		Cotten, Milam S.	66
		Cottrell, William	39, 42, 120
		W.	39, 42, 120
		Couk, David E.	76
		Cox, Clair E.	132
		Cox, Robert H.	78, 82
		Crane, Charles R.	90, 91, 92
		Crawford, John R., III	65
		Crawford, Lloyd V.	15, 17
		Creely, Joseph J., Jr.	79
		Crighton, J. C.	105
		Cronin, Thomas D.	94
		Currie, David M.	14
		Currier, R. D.	57
		D	
		Daly, David D.	10, 55
		Damstra, Philip L.	108
		Dannemiller, F. Joseph	20
		Darsie, James L.	79
		Dasher, Charles	118
		Alexander	118
		Daugherty, J. S.	10, 89
		David, Noble J.	55
		Davidson, David	133
		Davidson, John A.	69
		Davis, D. J.	57
		Davis, Kay	128
		Davis, William	133
		Davis, Paul M., Jr.	73

	Page
DeBakey, Michael E.	128
Dees, John E.	109
DeLawter, DeWitt E.	133
Deller, J. J.	128
Dennis, Edward J.	5, 127
Denton, Robert O.	40
Deodhar, Sharad	36, 131
Derrick, Fletcher C., Jr.	109, 112
Devereux, William P.	60
Devine, Charles J., Jr.	109, 112
DeWeese, M. S.	105
Diba, Y. T.	21
Diethrich, Edward B.	123, 128
Dietschy, John M.	10, 32, 37
Dillard, B. M.	106
Dilts, Preston V., Jr.	63
Dilworth, E. Earle	43
Dobrkovsky, Mario	48, 95
Donegan, Charles K.	51, 53
Donovan, E. Scott	131
Donovan, Michael W.	130
Dorney, Edward R.	42
Downey, Eleanor L.	84
Drews, Robert C.	65, 66
DuBois, Richard E.	51
Dulitz, Lester P.	81
Duncan, Jerald M.	17
Duncan, Robert C.	21

E

Earle, Edward	26
Eastridge, Charles E.	103
Edgerton, Milton T., Jr.	47, 93, 94, 121
Edwards, Creighton L.	45
Eggen, Robert R.	83, 85
Elder, Jack D. Jr.	76
Ellis, Elliot F.	15, 16
Ellis, George S.	64, 65, 66, 68, 131
Ellis, Robert S.	17
Engel, Marvin F.	29
Engel, Ranier M. E.	110, 111
Enright, J. R.	108
Erdemir, Hamdi	20
Erickson, Cyrus C.	5
Erickson, T. G.	105
Ertan, Tuncay	122
Escobar, M. R.	58
Eskin, Bernard A.	130
Espanan, Pierre A.	46
Esposito, Albert C.	4, 5, 13, 65, 114, 116
Etheredge, Stephen N.	119
Ettinger, Mark Peter	119
Evans, Blackwell B.	112
Evans, E. Burke	76
Evans, Edwin C.	51
Evans, Richard	131
Eward, R. Donald	44

F

Fann, W. E.	47, 58
Farber, George A.	29, 132
Farmer, Thomas W.	58
Farrar, John T.	32, 34, 120
Faulkner, Willard	20
Fein, Bernard T.	16
Feldman, Gerald L.	69
Feldtman, Robert W.	119

	Page
Felman, Alvin H.	100
Felton, Jean Spencer	46, 50, 120
Fenstermacher, James M.	20
Ferguson, Edward C., III	64, 65
Fernandez, Anthony A.	15, 17
Ferris, Fred	118
Field, Richard, Jr.	133
Figarola, Tuilo R.	41, 42
Fischer, Gary J.	119
Fish, Stewart A.	63, 128
Flowers, Charles E., Jr.	45
Foody, William	119
Fordtran, John S.	38
Foster, T. N.	129
Fowler, Ann	128
Fox, Samuel L.	132
Frackin, Allan H.	67
Francis, Guy M.	5
Francisco, J. T.	83
Frank, Gael R.	76
Franklin, Robert R.	44, 45, 131
Freedman, Henry	130
French, Thomas	131
Frierson, Wallace B.	41
Frost, Phillip	31
Fuller, Charles H.	132
Fuller, Lillian M.	102
Furlow, Leonard T., Jr.	94

G

Galambos, John T.	32, 35, 120
Galbraith, J. Garber	5
Gallimore, J. L., Jr.	59
Gamble, Jess F.	102
Gamboia, Arnaldo M.	17
Garabedian, M.	129
Garr, David Ross	118
Gaul, J. Stuart, Jr.	72
Geisler, Jerry	129
George, Demetri J.	90
George, Ronald B.	22
Gianturco, D. T.	56, 126
Gibb, S. Peter	129
Giesen, Andrew F., Jr.	5, 97, 99, 100
Gilbert, Frederick E., Jr.	83, 84
Gilbert, M. G.	106
Gill, Dan	9
Gill, Jim	9
Gillenwater, Jay Y.	110, 112
Glasscock, Michael E., III	80, 132
Goethals, Paul L.	131
Goldner, J. Leonard	4, 5, 7, 12, 13, 14, 77, 116, 121
Good, E. F.	57, 126
Gordon, Jack R.	41
Gordon, Robert	11
Gottlieb, Jacques S.	55, 58
Goyal, Raj K.	35
Graham, Gloria F.	130
Graivier, L. H.	106
Gramling, Z. W.	19
Grant, Arthur	121
Grant, David A.	96
Graziano, Joel R.	75

	Page
Greenberg, Jack J.	123
Greene, J. W., Jr.	63
Greene, Walter B.	119
Gregory, Charles F.	74, 77
Greifenstein, Ferdinand E.	22, 132
Greiss, Frank C., Jr.	60, 127
Grenfell, Raymond F.	5, 54
Griffen, Ward O., Jr.	36, 104
Griffith, Don	109
Griffith, J. D.	58
Grimes, William Thomas, Jr.	118
Grogan, Fred T.	17
Gross, Charles W.	82
Gross, Melvin	107
Grumbles, Cecil L.	127
Guerriero, Charles P., III	44
Guerriero, William F.	44
Guilford, F. R.	132
Guinee, Walter S.	21, 22
Gunter, Jack P., Jr.	78, 79
Gusdon, John P., Jr.	62
Gwynette, Timothy M.	68

H

Habib, Henry N.	112
Haerer, A. F.	57
Hafken, Louis	119
Hagler, William S.	67
Haglund, Roger V.	110, 112
Haik, George M.	131
Haik, Hilliard M.	64, 131
Haile, Kenneth Lee, Jr.	118
Halley, B. C., Jr.	10
Hallinan, Mary P.	9
Hallman, G. L.	105
Halpern, Salmon R.	10, 15
Halverstadt, Donald B.	110, 112
Hameroff, Stephen B.	65
Hamilton, Ralph S.	70
Hamrick, J. T.	49
Hancock, James C., Jr.	56, 126
Hardy, Julian P.	127
Hargrove, Marion D., Jr.	33
Harrington, M. Ray	10, 64, 65, 66
Harris, Herbert H.	81
Harris, James L.	133
Harris, William S.	66
Hatcher, Charles R., Jr.	128
Hartley, John H., Jr.	94
Hartstein, Jack	69
Hatch, Hurst B., Jr.	19
Hauser, Harris M.	57, 126
Hawkins, W. Rex	69
Hayles, Alvin B.	86, 88, 97, 98, 105, 121
Hayward, R. H.	129
Heath, Millard J.	10
Heath, Robert L.	10
Hellebusch, Arthur A.	112
Helm, Phala	90
Hemenway, W. G.	79, 81
Hendrick, James W.	108
Hendricks, Donald D.	132
Hendrickson, Richard O., Jr.	119
Hendrix, James H., Jr.	5

	Page		Page		Page
Hendrix, T. R.	32	James, George Truett	10	Larkin, Matthew A.	25, 26
Henker, F. O., III	59	James, J. Frank	56, 125	Larsen, Robert D.	130
Henry, Hector H.	111	Jampolsky, Arthur J.	69, 70	Larson, Duane L.	48, 49, 95
Henzel, J. H.	105	Jansen, G. Thomas	5, 9, 28, 30	Larson, Robert D.	132
Herbst, William, III	130	Jarrett, Charles E.	9	Latham, J. Earnest	112
Hermann, Irvin F.	131	Jenkins, M. T.	23	Lauderdale, Tom L.	10, 46, 50
Herdon, William Alfred	119	Johnson, B.	108	Lauler, David P.	45, 51, 53
Herrington, J. Lynwood, Jr.	35	Johnson, Daniel H., Jr.	100	Launey, George V.	9
Hersh, Theodore	35	Johnson, Douglas E.	108	Lawrence, Richard A.	80
Hibbert, W. Andrew, Jr.	27	Johnson, G., Jr.	106	Lawson, Noel W.	19
Hickey, Robert C.	132	Johnson, James C.	75	Leader, Able J.	112
Hicks, J. Robinson	72	Johnson, Raymond B.	33	Leavitt, Ullin W., Jr.	31
Hightower, N. C., Jr.	7, 13, 117, 120, 133	Johnson, Richard B.	10, 15	Leavitt, Lewis A.	92
Hill, Stanley A.	5	Johnston, Harold W.	122	LeBel, J. Serge	36
Hilman, Bettina C.	16, 87	Jolly, Henry W., Jr.	31	Lee, F. Wayne	5, 71, 75
Hinchey, John J.	72	Jones, Charles W.	50	Leedy, Jack J.	133
Hinkley, Clark M.	62	Jones, Ira S.	64, 65, 68	Lehmann, Thomas R.	119
Hiott, Capers	62	Jones, John Paul	86	Lemon, Frank R.	131
Hirschowitz, Basil I.	34	Joseph, Nime K.	5, 114, 116	Letterman, Gordon S.	96
Hodgson, Christopher	61	Jude, James R.	122	Levin, Irving A.	26
Hoehn, David	90	Judge, D. Joseph	86, 105	Levkoff, Abner H.	21
Hofmann, Alan F.	34, 131	Jurkiewicz, Maurice J.	94	Levy, Louis J.	73
Hoffman, George W.	96			Lewis, Carol Ann	119
Holcomb, James L.	79, 81	K		Lewis, Leonard A.	131
Holder, W. R.	30	Kadesky, Melvin C.	10, 107	Lewis, Philip M.	69
Hollinger, F. Blaine	35	Kaiser, Martin H.	34, 121	Lichti, E. L.	105
Holmes, Eric	19, 22, 61	Kampmeier, R. H.	5	Liddicoat, John E.	128
Hooks, Martha D.	115, 116	Kaplan, Norman M.	54	Lie, Kim K.	130
Hooshmand, H.	58	Kardash, Theodore	9	Lighter, Andrew C.	130
Hootkin, L. A.	32	Kaufman, Herbert E.	67	Linares, Hugo	48
Hoover, Billy Brown	10, 48, 49, 89	Kaye, Bernard L.	96	Lindsey, E. S.	104
Horger, Edgar O., III	62	Kelly, Gordon B.	77	Lindsey, Steve	118
Hosen, Harris	18	Kelsey, John R.	33	Little, Samuel C.	56, 126
Hotchkiss, Robert L.	62	Kenan, Patrick D.	79	Littman, William G.	119
Howell, Tom S., Jr.	46	Kenney, John A., Jr.	131	Lockey, Myron W.	79
Howerton, Lonnie W., Jr.	110	Kent, Herbert	91	Lockwood, William R.	52
Hoyt, Walter A., Jr.	71, 73, 77	Kerber, Irwin J.	128	Logan, Ben M.	101
Huchton, Paul J.	87	Keshishian, John M.	129	Loiselle, Albert O.	10
Hudson, Dean	7, 14	Kestel, John L., Jr.	10, 28	Lovell, Wood W.	5, 76
Hudson, Harold K.	81	Khan, Y. C.	77	Lozman, Harvey	44
Hudson, W. R.	81	Kilman, W. J.	102	Lugo, Carlos	130
Hughes, Marilyn	16	Kinzer, Gilbert M.	39, 41, 120	Lukash, William M.	33
Hughes, Robert R.	45	Kipp, Dean C.	10, 93	Lunceford, Emmett M., Jr.	75
Hughston, Jack C.	72, 73	Kirkpatrick, John A., Jr.	97, 98, 99, 100, 121, 124	Lundgren, Lawrence E.	131
Hulka, J. F.	44	Kirkpatrick, Marjorie	91	Luton, F. H.	58
Hunter, George A.	73	Kischer, Ward	48	Lynch, John B.	93, 94
Hunter, Oscar B., Jr.	5, 114, 116	Kistner, Robert W.	43, 45	Lyons, George D.	79
Hurd, H. Frederick	128	Klein, Donald R.	10, 93, 95		
Hurwitz, Alfred	37	Knapp, Christa	23	M	
Hurst, John C., Jr.	119	Knaup, Wesley E.	123	Ma, Frank Hsioh-Ti	119
Huston, Janet	47	Knorr, Norman J.	47	MacDonald, Harold	113
Hussey, David H.	102	Knox, John M.	120	MacKay, James H.	119
Hutson, Duane G.	37	Knudsen, Kermit B.	34	Mackey, David L.	76
Hyland, John W.	123	Koepke, George H.	49, 89, 90, 91	Macon, William L., Jr.	5, 114, 116
		Koster, Robert L.	119	Madge, G. E.	84
I		Kreisberg, Robert A.	51	Mahorner, Howard R.	99
Igarashi, M.	132	Kupperman, Herbert S.	128	Mandel, S. R.	106
Imrie, Donald T.	76	Kurzweg, Frank T.	26	Malinak, L. Russell	44
Inclan, A. Peter	128			Manley, Walter F., Jr.	130
Istre, Clifton O., Jr.	131	L		Mann, Ronald J.	73
Ivankovic, Anthony D.	22	Lacy, Sushil S.	130	Mannheimer, Walter H.	20
		Lair, Nard	10, 39	Marion, Donald F.	5, 37
J		Lambert, Cary J.	129	Marquies, S.	32
Jacklin, Harold N.	67	Lancaster, L. Leo, Jr.	79	Marsh, H. O.	72
Jackson, George B.	62	Landes, Ralph R.	131	Martin, J. D., Jr.	128
Jackson, Lawrence	108, 112	Lang, Erich K.	101, 108	Martin, Malcolm M.	133
Jacobson, Coleman	10, 28	Langsjoen, Per H.	129	Mason, Porter K.	10, 51
James, Francis M., III	61	Lankford, L. Lee	77, 128	Mason, Stuart A.	18
		Lapham, M. E.	9	Mattson, Harold A.	10, 71
		Larard, D. G.	21	Mazow, Malcolm L.	65

	Page
McCance, David M.	33
McCloy, Randolph M.	34
McConathy, W. J.	34
McConnell, B. E.	133
McCort, James J.	98, 99, 121, 124, 125
McDonald, Donald	109
McDowell, Russell V.	119
McFarland, Gordon B., Jr.	77
McFarland, William H.	9
McGovern, John P.	17
McHardy, G. Gordon	5, 32, 114, 116, 117, 120
McKee, Betty	9
McLaurin, James W.	78, 80
McPherson, Samuel D., Jr.	65
McSwain, Barton	131
Meador, Clifton K.	5
Medley, E. Scott	36
Mehan, Donald J.	113
Melnick, Irving	131
Melnick, Joseph L.	35
Meloni, C. Robert	133
Mencia, L. F.	106
Meritz, Neal S.	119
Mersereau, John B.	118
Metcalf, David R.	56, 126
Meyer, Pamela Ann	118
Milam, D. F., Jr.	110, 113
Milford, Lee W., Jr.	72
Miller, David Howard	118
Miller, R. C.	106
Miller, Wallace E.	71
Millhon, William A.	133
Milstein, Bernard A.	69
Mitchel, Ben F.	129
Mobley, Jack E.	130
Monroe, William M.	67
Montague, Eleanor D.	101, 125
Moore, Andrew M.	5, 12
Moore, Mrs. Ramsay H.	155
Moore, Paul H.	9
Moreton, Robert D.	5
Morgan, T. H.	71
Moss, James M.	133
Murillo, George Joseph	119
Murray, Hugh D.	9
Muss, Israel	92

N

Nakamoto, Satoru	131
Nechtmann, Carl M.	80
Nelson, Joe T.	5, 116
Nelson, John C.	118
Nelson, Page W.	130
Nelson, Russell M.	122
Nepomuceno, Cecilio	90
Nesbitt, Tom E.	110
Ness, Richard G.	119
Nettles, John B.	62
Newmark, Emanuel	67
Nichols, John T.	68
Nickerson, David	118
Nickey, Laurance N.	87
Niemann, Kurt M. W.	75
Nix, Harold G.	127
Nola, Vincent F.	129
Noojin, Ray O.	31
Noon, George P.	128
Norcross, Bernard M.	129

O

Oates, J. A.	58
--------------	----

	Page
Ochsner, John	133
Ochsner, Seymour F.	101
O'Donoghue, Don H.	76
O'Mara, William E.	119
Olson, Stanley W.	5, 13
Omer, George E., Jr.	73, 75
O'Neal, Kelly R., Jr.	119
O'Reilly, D. Elliott	72
Overholt, Edwin L.	128

P

Paddison, Richard M.	129
Painter, Joseph T.	51
Paletta, F. X.	95, 131
Pankey, George A.	51, 52, 120, 128
Pappas, James J.	130
Paradies, Louis H., Jr.	71, 74
Patterson, H. C.	104
Patterson, Joseph F.	23
Patterson, Marcel	36
Paulk, E. Alan, Jr.	42
Paulson, Donald L.	122
Pearce, Harold	13
Peek, Mrs. Gordon W.	154, 155
Perdue, G. D.	105
Perez, Luis F.	67
Perna, Vincent P.	83, 84
Perrin, R. W.	10, 97
Perry, M. O.	105
Peszczynski, Mieczyslaw	89
Peterson, Charles R.	90, 92
Petty, Charles S.	84
Pierce, Alan K.	23, 123
Pittinger, Charles B.	20
Pittman, Fred E.	36
Pittman, Joan C.	36
Poley, J. R.	34
Polk, Hiram C., Jr.	103, 130
Pollard, Joel B.	64, 131
Polter, Daniel	38
Poole, William L.	30
Posch, Joseph L.	130
Potts, Robert J.	50
Poutasse, Eugene F.	109, 110, 111, 113
Priano, Lawrence	23
Price, C. Downey	65
Price, Phil H.	118
Pritchard, Jack A.	60, 63, 121
Prithvi Raj, P.	21
Proctor, Richard C.	130
Pruitt, Basil A.	48, 49
Pullen, F. W., II	129
Purnell, William David	13, 118
Pyron, James T.	119

Q

Quackenbush, John F.	41
Queng, Joseph T.	17, 120
Quimby, Charles W., Jr.	23

R

Radwin, Howard M.	109, 113
Rankin, R. Pinkney, Jr.	62, 127
Ranier, Andrew	83, 121
Ransom, Frederic G.	13, 119
Rao, Mysore N.	10, 19
Raptou, Alexander D.	92

	Page
Raskin, Howard F.	33
Ratliff, J. L.	105
Rawl, John C.	118
Recant, Lillian	133
Records, John W.	5
Redman, J. F.	130
Regen, Eugene Marshall, Sr.	40
Reid, Sam D., Jr.	128
Reid, William J.	39, 120
Reilly, Edward L.	56, 125
Reitman, Howard S.	65
Resnik, Sorrel S.	131
Rhamy, Robert K.	110, 113
Rhoades, F. P.	129
Rhoades, N. A.	129
Richards, James F.	75
Richards, Richard D.	65, 67
Richardson, Donald R.	130
Richardson, E. R.	49
Richardson, J. D.	36, 104
Richey, E. T.	57, 126
Rieser, Charles	5
Riley, Harris D., Jr.	5
Rimer, B. R.	44
Ringrose, Robert E.	33
Riordan, Daniel C.	75
Ritter, Robert M.	133
Roane, Jourdan A.	16, 17
Robertson, William W., Jr.	119
Robinson, J. Fletcher	131
Robinson, Thomas	133
Roenigk, Henry H., Jr.	131
Rogers, Arvey I.	33
Rogers, C. William	130
Rogers, James V., Jr.	97, 100
Rogers, Lee F.	130
Romig, Bruce	118
Rosenberg, E. William	129
Ross, Gilbert, Jr.	113
Ross, John R.	129
Ross, Robert	118
Rouse, Milford O.	131
Rousey, John	96
Rowe, Robert J.	25, 26
Rubin, Wallace	131
Ruffin, Julian M.	36
Ruiz, Richard S.	68
Russo, Charles E.	70
Rutledge, Lewis J.	78
Ryan, James G.	131
Rybka, F. James	131

S

Saal, Bruce	100
Sabol, John	33
Sailer, John E.	133
Sale, Charles S.	87
Salem, M. R.	22
Samet, Philip	122
Sampson, Whitney G.	69
Samuels, Melvin L.	102
Sanchez, Peter A.	129
Sanford, Jay P.	51, 52
Sarmiento, Augusto	121
Sawyers, John L.	35, 105
Schatten, William E.	93, 94
Schiavone, Robert	39
Schiff, Eugene R.	34
Schiller, H. M.	84
Schmeck, Robert A.	129
Schneiderman, R. Neal	31

	Page		Page		Page	
Schnuass, Roy H.	67	Stroube, Robert B.	118	Weary, Peyton E.	130	
Schroder, J. Spalding	35	Stuart, John A., Jr.	44	Weathers, Arden	112	
Schurter, Maxine A.	96	Stuckey, James G.	93, 95	Webster, Paul D., III	34, 120	
Schwarz, Herbert	110, 111, 113	Sturm, Hiram M.	28	Weeks, P. M.	104	
Scott, F. Brantley	107, 108, 109, 111, 113	Sugioka, Kenneth	20	Weigensberg, Irving J.	102	
Scott, Roland B.	34	Swanson, Arnold A.	68	Weill, Hans	22, 123	
Seidel, D.	18	Sweeney, Patrick J.	118	Weinkle, W. Stanley	121	
Seltzer, Holbrook	120	Symbas, P. N.	128	Welch, George E.	36	
Seneca, Harry	129	T			Wells, Charles E.	47, 55
Sessions, Roy B.	80	Tabb, H. G.	131	Wells, Donald E.	62	
Sexton, Robert R.	10, 64	Tahir, Ashiq H.	22	Wells, Julian A.	10, 43	
Shapiro, Larry J.	119	Talbert, Luther M.	63	Welsh, Jack D.	33	
Shea, J. Darrell	72, 121	Talledo, O. Eduardo	63	Wenger, J.	32	
Shelley, Walter B.	28, 29	Tandy, Charles C.	19	Wenger, Nanette K.	128	
Sherline, Donald M.	61	Tarantino, M. J.	26	Westphal, Milton C.	21	
Sherlock, E. C.	104	Tate, Charles F., Jr.	123	Wharton, George W.	71	
Shires, G. Thomas	121	Tatum, Patricia Ann	133	Whitaker, James H.	119	
Swischuk, Leonard E.	106	Tchilinguerian, N.	63	White, James A., III	79	
Shively, Leslie	9	Texter, E. Clinton, Jr.	5, 33, 133	Whitelaw, M. James	129	
Shorey, James	38	Thal, E. R.	105	Whittaker, David	72	
Shull, John R.	49, 89	Thian, Hewitte A.	123	Wickstrom, Jack K.	71, 73	
Shullenberger, C. C.	102	Thomas, Herbert H.	43, 44, 120	Wilkins, Kaye E.	77	
Simmons, John L.	110, 111, 113	Thomas, Orville C.	15	Wilkinson, Robert B.	65, 80	
Simmons, Ray L.	76	Thomas, Stephen R.	75	Wilkinson, A. W.	98, 103, 106, 121	
Simpson, William Maynard, Jr.	118	Thomason, Sylvia	84	Wilkinson, Tolbert S.	95, 131	
Singleton, Edward B.	97, 98, 124	Thompson, George Stanley	119	Willbanks, O. L.	132	
Singleton, Marvin A.	82	Thompson, John B.	33	Williams, C. S.	105	
Smartt, Walter H.	130	Thompson, Ian M.	107	Williams, Eugene	72	
Smith, Bradley E.	62	Thompson, L. S., Jr.	10, 11, 14	Williams, Richard Eugene	118	
Smith, Cameron Langley	119	Tindall, John P.	28, 30, 73	Williams, Temple W., Jr.	133	
Smith, Charles R., Jr.	40	Toile, Robert L.	5	Willis, Kathryn W.	21	
Smith, E. I.	106	Tompsett, Ralph R.	52	Wilson, Ray B.	119	
Smith, Edgar B.	30	Torpin, Richard	129	Wilson, Roy D.	22, 23	
Smith, George C.	5	Torres, Antonio Hernandez	129	Wilson, William P.	55, 56, 58, 59, 121, 126	
Smith, J. D.	30	Traber, Daniel L.	23	Winborn, Claude D.	10, 78, 79	
Smith, L. Alan	129	Tracy, H. W.	47	Winer, Louis H.	29	
Smith, R. R.	57	Traill, Mervin L.	79, 81	Wingate, L.	63	
Smith, Stover L.	133	Trichel, B. E.	108	Wingate, M. B.	63	
Smyth, Nicholas P. D.	129	Triplett, Rodney F.	16	Wingert, Richard H.	119	
Snyder, Bruce D.	58	Trowbridge, C. G.	32	Winston, Michael E.	130	
Snyder, Clifford C.	94	Turkel, Robert	128	Woddell, L. Clyde	123	
Snyder, Gilbert B.	47	Turnbull, Don C.	68	Wolcott, Lester E.	89, 90	
Snyder, William B.	66	Turner, Jerald B.	68	Wolf, Charles R.	75	
Sode, Jonas	33	Turner, Samuel R.	5	Wolff, Hugh L.	101	
Sodja, Joe	7, 14	Tutton, Roger H.	133	Wood, Bobby T.	130	
Sosnowski, J. Richard	127	Tyler, Myra D.	52	Wood, M.	39	
Spenny, Jerry G.	34	U			Woodard, William C.	10, 39
Spencer, William J.	62	Urschel, Harold C., Jr.	123	Woodbury, George R.	66	
Spies, Frederic K.	23	V			Woodhall, Barnes	7, 11
Spongberg, Andrew K.	82	Van Dyke, Leroy	7, 14	Woodruff, Marvin W.	109, 111	
Sprague, Charles C.	37	Varon, Harold H.	31, 45, 133	Woodward, John R.	131	
St. Martin, E. C.	108	Vascuez, L. O.	94	Word, Buford	5, 114, 116	
Standlee, Thomas L.	30	Vidibill, J. W., Jr.	110	Y		
Stanley, Vayden F.	22, 23	Viroslav, Jose	133	Yampolsky, Joseph	86	
Startzman, John E.	127	Vise, Guy Thompson, Sr.	5	Yarbro, J. W.	31	
Steigner, J. Bruce	129	Voltz, Phillip W., Jr.	5, 97, 101	Yeager, George H.	5, 12, 114, 116, 117	
Stephen, C. Ronald	10, 19, 21, 120	W			Yeager, R. M.	105
Stephens, Albert L., Jr.	15	Waldrop, Edwin G.	63, 120, 132	Youmans, C. Roger, Jr.	122	
Stephens, Stacy R.	10, 60	Walter, Paul F.	128	Young, Iven S.	128	
Stephenson, Sam E., Jr.	5	Ward, Simon V.	127	Yune, Heun Y.	132	
Still, W. J. S.	84	Waring, William W.	16	Yunker, Phillip H.	119	
Stone, H. B. III	81	Warren, Robert	87	Z		
Stone, H. Harlan	103, 105, 106	Watson, John Ronald	119	Zagula-Mally, Zenona W.	129	
Storts, Daniel R.	46			Zeppa, Robert	37	
Stough, D. B., III	30, 130			Zuberi, S.	129	
				Zuniga, Efrain N.	92	

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., *Lewellyn 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, 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.

*Deceased

**Deceased in office

FUTURE MEETINGS OF SOUTHERN MEDICAL ASSOCIATION

November	1- 4,	1971.....	<i>Miami Beach, Fla.</i>
November	13-16,	1972.....	<i>New Orleans, La.</i>
November	12-15,	1973.....	<i>San Antonio, Texas</i>
November	18-21,	1974.....	<i>Atlanta, Ga.</i>

SCHEDULE OF SCIENTIFIC WORK Southern Medical Association

November 16-19, 1970

(All sessions begin at 9:00 a.m. and 2:00 p.m. unless otherwise indicated)

Dallas, Texas

DALLAS MEMORIAL AUDITORIUM	MONDAY		TUESDAY		WEDNESDAY		THURSDAY
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.
Room No. 1	Anesthesiology	*Industrial Medicine and Surgery, and Physical Medicine and Rehabilitation	8:30 a.m. Anesthesiology	Industrial Medicine and Surgery	8:00-9:45 a.m. Physical Medicine and Rehabilitation	Physical Medicine and Rehabilitation	10:00-11:30 a.m. SMA Student Seminar
Room No. 2	8:30 a.m. ACCP, Southern Chapter, followed by Luncheon in adjoining Lounge	ACCP, Southern Chapter	8:30 a.m. Allergy	Allergy	8:00-9:45 a.m. Urology	Urology	8:00 a.m. Urology
Room No. 3	8:30 a.m. Gastroenterology	*Anesthesiology and Pediatrics	8:00 a.m. Ophthalmology	Ophthalmology	8:00-9:45 a.m. General Practice	1:30 p.m. Ophthalmology & Dallas Academy of Ophthalmology	
Room No. 4	8:00 a.m. Pathology	1:30 p.m. Neurology and Psychiatry Southern EEG Society	8:00 a.m. Neurology and Psychiatry	Otolaryngology	8:00-9:45 a.m. Otolaryngology	Otolaryngology	
Room No. 5	*Industrial Medicine and Surgery, Neurology and Psychiatry, Physical Medicine and Rehabilitation and Plastic and Reconstructive Surgery	*Plastic and Reconstructive Surgery and General Practice	8:30 a.m. *Surgery, Industrial Medicine and Surgery, and Plastic and Reconstructive Surgery	*Surgery and Pediatrics	10:00 a.m.-12:30 p.m. SMA Second General Session	Medicine	
Room No. 6	8:00 a.m. Orthopedic and Traumatic Surgery	Dermatology	Dermatology	Orthopedic and Traumatic Surgery	8:00-9:45 a.m. Orthopedic and Traumatic Surgery	Colon and Rectal Surgery	Colon and Rectal Surgery
Room No. 7	8:30 a.m. Medicine	1:30 p.m. *Radiology and SMA-RSNA Radiology Refresher Courses	8:00 a.m. *Radiology and SMA-RSNA Radiology Refresher Courses	Radiology	8:00-9:45 a.m. Plastic and Reconstructive Surgery	1:30 p.m. *Radiology and SMA-RSNA Radiology Refresher Course	
Room No. 8	*Radiology, General Practices, Pediatrics, and Surgery	*Gastroenterology, Colon and Rectal Surgery, and Pediatrics	8:00 a.m. *Pathology, General Practices, Gynecology, Obstetrics, and Pediatrics	*Obstetrics, Anesthesiology, General Practice, and Gynecology	8:00-9:45 a.m. *Gynecology and Medicine	*General Practice and Neurology and Psychiatry	*General Practice and Medicine
Room No. 9	Southern Gynecological and Obstetrical Society	Gynecology			8:00-9:45 a.m. Pediatrics	1:30 p.m. Obstetrics	

* Joint sessions indicated with Section in charge of program listed first.