

Program



ERUDITIO / OBSERVANTIA / SOCIETAS

THIRTEENTH ANNUAL MEETING

CONGRESS OF NEUROLOGICAL SURGEONS, INC.

OCTOBER 9-12, 1963

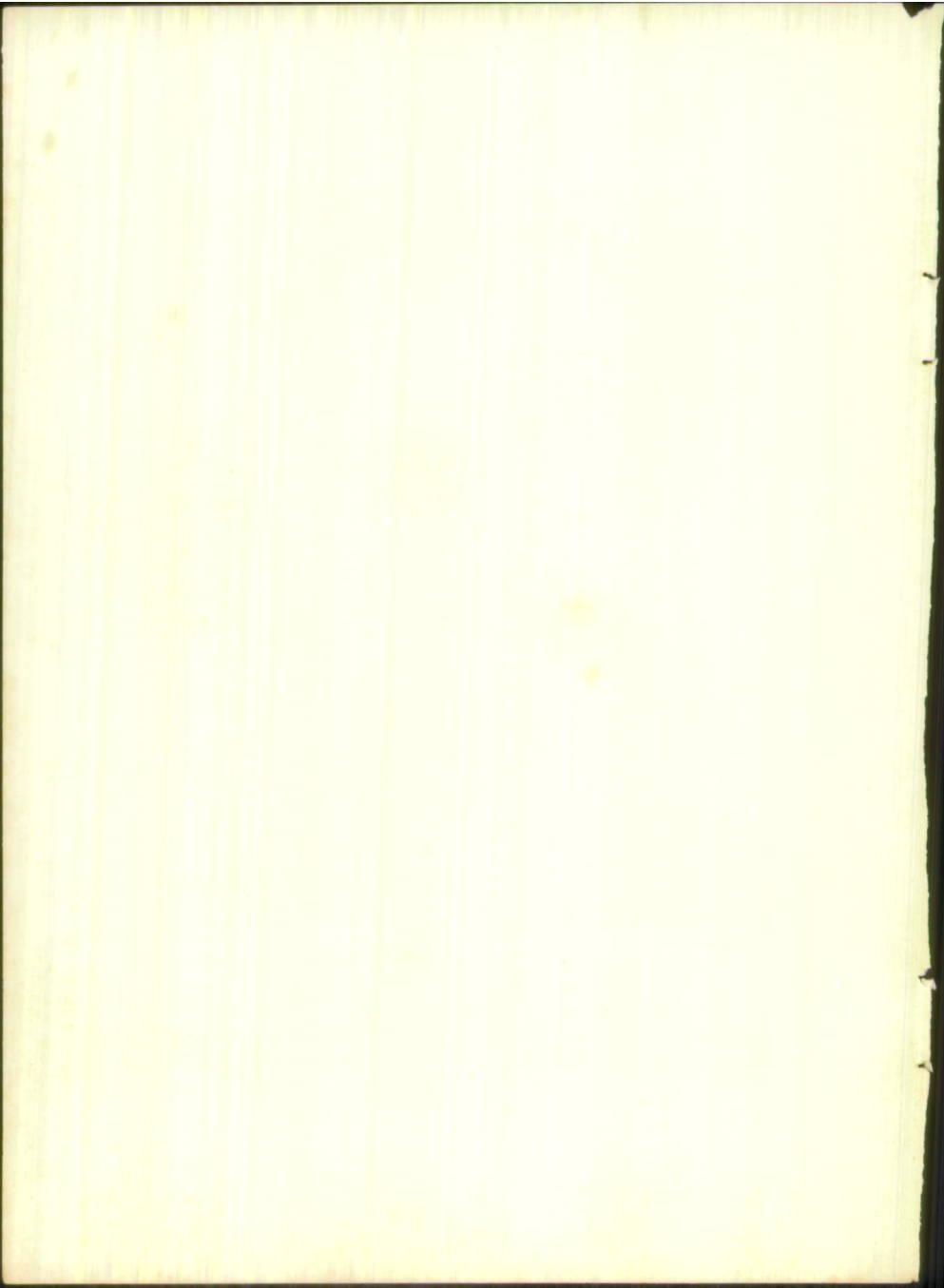
/ DENVER HILTON

/ DENVER, COLORADO

COVER ACKNOWLEDGEMENT

The talents of Nancy Svien have been well known to the Congress since she designed the certificate presented to our first Honored Guest, as well as the impressive program cover for our 5th Annual Meeting in Los Angeles.

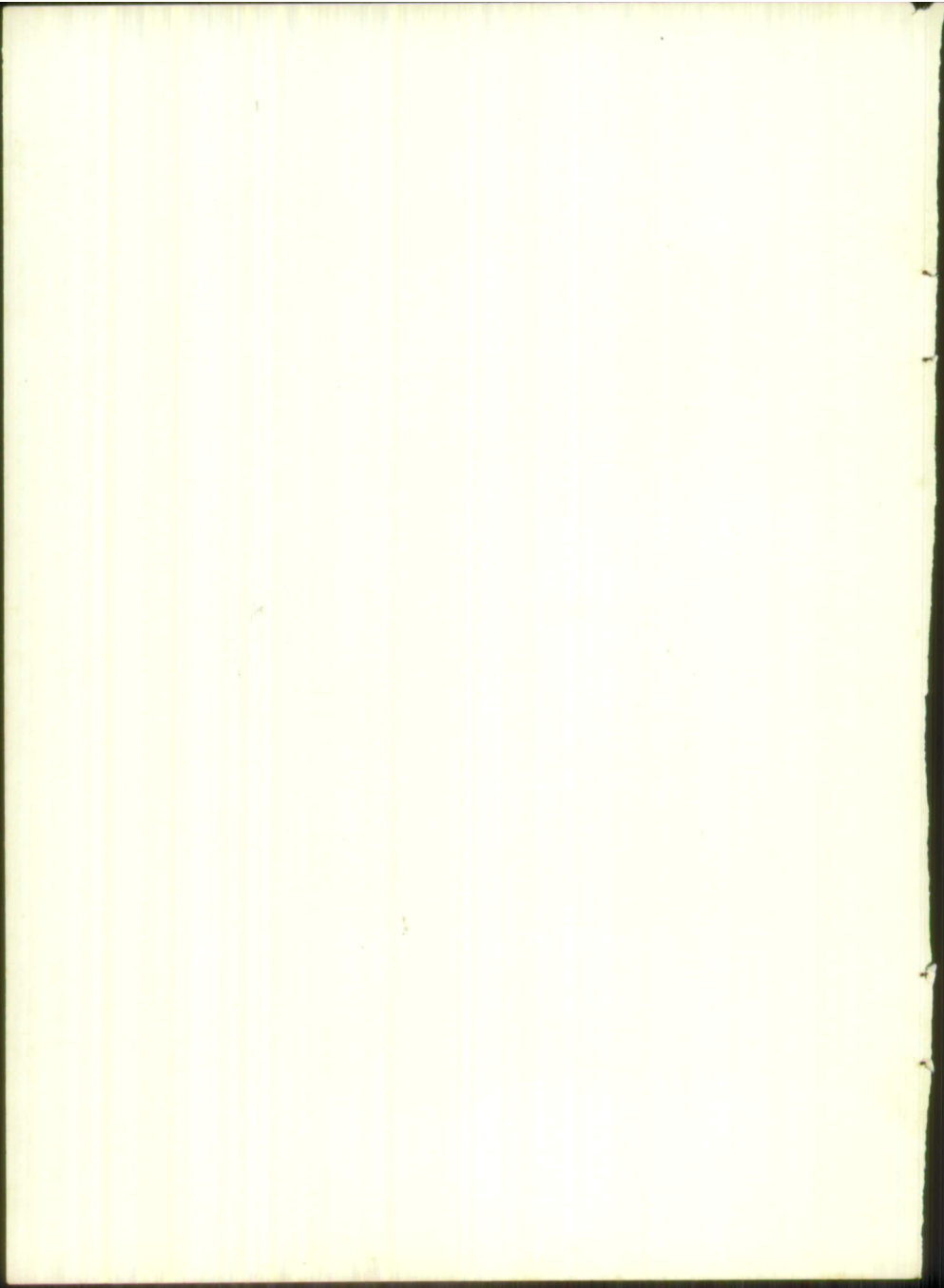
We feel honored that she accepted the invitation to design this year's cover in which she has created the imaginative theme of "smooth" skiing through the multitude of problems encountered in cerebral vascular surgery. Thank you, Nancy, for this "cool" idea!



Honored Guest—1963



JAMES L. POPPEN, M.D.
Chief of Neurological Surgery
Lahey Clinic
Boston, Massachusetts



HONORED GUESTS

PROF. HERBERT OLIVECRONA	1952
SIR GEOFFREY JEFFERSON	1953
DR. KENNETH MCKENZIE	1954
DR. CARL RAND	1955
DR. WILDER PENFIELD	1956
DR. FRANCIS GRANT	1957
DR. EARL WALKER	1958
DR. WILLIAM GERMAN	1959
DR. PAUL BUCY	1960
DR. EDUARD BUSCH	1961
DR. BRONSON RAY	1962

GUEST SPEAKERS

- Eben Alexander, Jr., M.D.—Professor of Neurological Surgery, The Bowman Gray School of Medicine, Wake Forest College, Winston-Salem, North Carolina
- Trygve O. Gabrielsen, M. D.—Instructor, Department of Radiology, University of Michigan Medical School, Ann Arbor, Michigan.
- Paul C. Bucy, M.D.—Professor of Surgery, Northwestern University Medical School, Chicago, Illinois
- John M. Converse, M.D.—Professor of Plastic Surgery, New York University School of Medicine, New York, New York
- Charles G. Drake, M.D.—Clinical Associate Professor of Surgery (Neurosurgery), University of Western Ontario Medical School, London, Ontario, Canada
- Lyle A. French, M.D.—Professor of Neurosurgery, University of Minnesota Medical School and Director of Division of Neurosurgery, University Hospitals, Minneapolis, Minnesota
- Wallace B. Hamby, M.D.—Head of Department of Neurological Surgery, Cleveland Clinic, Cleveland, Ohio
- C. Douglas Hawkes, M.D.—Associate Professor of Neurology and Neurological Surgery, University of Tennessee, Memphis, Tennessee
- George Knauf, M.D.—Acting Director of Space Medicine, Aerospace Medical Division, National Aeronautics and Space Administration, Washington, D. C.
- Theodore Kurze, M.D.—Associate Professor of Surgery (Neurological) University of Southern California School of Medicine, Los Angeles, California
- Mr. Valentine Logue, M.D. — Neurological Surgeon, Middlesex Hospital and Maida Vale Hospital, London, England
- Collin S. MacCarty, M.D. — Professor of Neurosurgery, Mayo Foundation, Graduate School, University of Minnesota, Rochester, Minnesota
- Joseph L. Posch, M.D.—Clinical Associate Professor of Surgery, Wayne University School of Medicine, Detroit, Michigan

TELEVISION SURGEONS

- Eben Alexander, Jr., M.D. — Professor of Neurological Surgery, The Bowman Gray School of Medicine, Wake Forest College, Winston-Salem, North Carolina
- Lyle A. French, M.D.—Professor of Neurosurgery, University of Minnesota Medical School and Director of Division of Neurosurgery, University Hospitals, Minneapolis, Minnesota
- William T. Spence, M.D.—Associate Clinical Professor of Neurosurgery, Georgetown University School of Medicine, Washington, D. C.
- A. Earl Walker, M.D. — Neurosurgeon-in-chief, Johns Hopkins Hospital, Baltimore, Maryland
- Benjamin B. Whitcomb, M.D. — Assistant Clinical Professor of Neurosurgery, Yale University School of Medicine, Hartford, Connecticut

TELEVISION PANEL MODERATORS

- A. Earl Walker, M.D. — Neurosurgeon-in-chief, Johns Hopkins Hospital, Baltimore, Maryland
- James L. Poppen, M.D.—Chief of Neurological Surgery, Lahey Clinic, Boston, Massachusetts
- Wallace B. Hamby, M.D.—Head of Department of Neurological Surgery, Cleveland Clinic, Cleveland, Ohio

TELEVISION SPONSOR

The Congress of Neurological Surgeons is deeply and gratefully indebted to SMITH, KLINE AND FRENCH for providing the equipment and technical assistance which has made live television available to the Congress this year for the first time. We are sincerely appreciative, and it is our fond hope that similar opportunity may again be ours in the future.

SCIENTIFIC EXHIBITORS

- "Muscle Splitting Approach to the Dorsal and Cervical Spine"—William E. Hunt, M.D., Department of Neurological Surgery, Ohio State University, Columbus, Ohio
- "Treatment of Spasmodic Torticollis"—Robert H. P. Yuan, M.D., Samuel Brendler, M.D., and Bertram Selverstone, M.D., Boston, Massachusetts
- "Arteriovenous Malformations Cerebri, an Anatomical Study"—Ludwig Kempe, Lt. Col., M.C., Department of Neurological Surgery, Walter Reed Army Hospital, Washington, D. C.
- "Transsphenoidal Yttrium 90 Hypophysectomy"—Donald Dohn, M.D., Department of Neurological Surgery, Cleveland Clinic, Cleveland, Ohio
- "Recent Advances in Neurovascular Surgery" — R. M. Peardon Donaghy, M.D. and Martin E. Flanagan, M.D., Department of Neurological Surgery, University of Vermont, Burlington, Vermont
- "Basilar Surgery in the Experimental Animal"—Robert J. White, M.D., Department of Neurological Surgery, Western Reserve University, Cleveland Metropolitan General Hospital, Cleveland, Ohio
- "Cervical Pneumomyelography"—Pedro P. Polakoff, M.D., Paul Lin, M.D. and S. Berger, M.D. Albert Einstein Medical Center Northern Division, Jenkinstown, Pennsylvania
- "Stereotactic Transsphenoidal Cryohypophysectomy"—Robert W. Rand, M.D., Department of Neurological Surgery, University of California, Los Angeles School of Medicine, Los Angeles, California
- "Preformed Cranioplasty"—Jack Goodman, M.D., Department of Neurological Surgery, Albany Medical Center Hospital, Albany, New York
- "Artificial Embolization of Arteriovenous Malformations" — Alfred J. Luessenhop, M.D., Martin Gibbs, M.D., and Willie Baensch, M.D., Georgetown University Hospital, Washington 7, D. C.

"Microsurgical Techniques in Neurological Surgery"—Theodore Kurze, M.D., Department of Neurological Surgery, University of Southern California School of Medicine, Los Angeles, California

"The Localization of Brain Tumors with the Positron Scintillation Camera"—Alexander Gottschalk, M.D., Donner Laboratory, University of California, Berkeley, California

"Stereotactic Surgery" — Joseph Witt, M.D., University of California School of Medicine, San Francisco, California

"Brain Scan with Mercury 203, Clinical Pathological Correlation" Robert S. Knighton, M.D., Division of Neurological Surgery, Henry Ford Hospital, Detroit, Michigan

"Studies on the Treatment of Vascular Headaches"—Kenneth H. Abbott, M.D., Los Angeles Neurological Institute, Los Angeles 33, California

"Cerebrovascular Disease Clinic, Good Samaritan Hospital, Portland, Oregon" — Mark A. Melgard, M.D., Department of Neurological Surgery, Good Samaritan Hospital, Portland 10, Oregon

"Advantages of Cerebral Angiography by the Retrograde Brachial Route"—Robert A. Kuhn, M.D., Morristown, New Jersey

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American Sterilizer Company
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Medicine, Inc.
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Ries Manufacturing Company
The Holter Company

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Company
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Ross H. Miller	1961-1964
Jack Barrett	1961-1965
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Thomas M. Marshall	1959-1960
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Richard C. Schneider	Scientific Program
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Walter S. Lockhart	Host
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Hal W. Pittman
Marjorie Sayers, ex-officio
Betty Dohn, ex-officio

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David M. Barry
Bland W. Cannon
Edwin F. Chobot, Jr.
Kasper Fuchs
Harvey Gass
Murl E. Kinal
Manuel M. Velasco-Suarez

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Philip D. Gordy
Thomas M. Marshall

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Fleming Jolley
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Eugene E. Herzberger
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Newsletter Editor

John M. Thompson

MEETING LOCATIONS

St. Louis (Founders' Meeting).....	1951
Memphis	1951
Chicago	1952
New Orleans	1953
New York	1954
Los Angeles	1955
Chicago	1956
Washington, D. C.	1957
San Francisco	1958
Miami	1959
Chicago	1960
New York	1961
Houston	1962
Denver	1963

FUTURE MEETINGS

Miami	1964
Chicago	1965
San Juan, Puerto Rico	1966
San Francisco	1967

PLAN AHEAD FOR '64
FOURTEENTH ANNUAL MEETING
CONGRESS OF NEUROLOGICAL SURGEONS

AMERICANA HOTEL
BAL HARBOUR, FLORIDA
November 18-21, 1964

WOMEN'S AUXILIARY OFFICERS

Mrs. Martin Peter Sayers (Marjorie).....	<i>President</i>
Mrs. Edward C. Weiford (Mary).....	<i>Vice- President</i>
Mrs. John Thompson (Dorothy).....	<i>Secretary</i>
Mrs. Gordon van den Noort (Isabel).....	<i>Treasurer</i>
Mrs. Homer McClintock (Priscilla).....	<i>Arrangements</i>

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Mrs. A. Beaumont Johnson (Marian)
Mrs. John Meagher (Maxine)

NOMINATING COMMITTEE

Mrs. James Gay (Lillian), Chairman
Mrs. Edwin Chobot (Gladia)
Mrs. Arthur Eisenbrey (Lillian)
Mrs. Thomas Marshall (Nancye)
Mrs. Bernard Patrick (Jo)

PAST PRESIDENTS

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Mrs. H. J. Svien (Nancy).....	1951-1952
Mrs. N. R. Hollister (Lottie).....	1952-1953
Mrs. James Gay (Lillian).....	1953-1954
Mrs. Donald Sweeney (Kay).....	1954-1955
Mrs. Bland Cannon (Louise).....	1955-1956
Mrs. Thomas Marshall (Nancye).....	1956-1957
Mrs. A. Roy Tyrer (Myrtle).....	1957-1958
Mrs. Philip D. Gordy (Lisa).....	1958-1959
Mrs. Franklin Earnest III (Ann).....	1959-1960
Mrs. Murl Kinal (Connie).....	1960-1961
Mrs. Richard de Saussure (Phyllis).....	1961-1962

WOMEN'S AUXILIARY ACTIVITIES

PLEASE WEAR NAME BADGE

Auxiliary Headquarters—Denver Room

SPECIAL EVENTS

Wednesday, October 9, 8:00 A.M. Hostess Committee Breakfast—Spruce Room

Wednesday, October 9, 12:30 P.M. Board of Directors' Meeting Luncheon—Spruce Room

WEDNESDAY, OCTOBER 9

10:00 A.M. "Welcome to Denver" Coffee—Denver Room

6:30 P.M. No-Host Cocktail Party—Century, Silver and Gold Rooms

THURSDAY, OCTOBER 10

10:00 A.M. Depart Denver Hilton for Cherry Hills Country Club (bus transportation furnished). Meet at motor entrance of hotel (street level)
Business Meeting
Brunch
Entertainment: Mollie Lee and Howard Beresford presenting "Camelot"

3:00 P.M. Arrive back at Denver Hilton

6:30 P.M. Reception and Cocktail Party—Assemblies 1, 2 and 3

8:00 P.M. Banquet—Grand and Junior Ballrooms
Honored Guest—*Dr. James L. Poppen*
Presentation of Gavel to Congress President by Women's Auxiliary

WOMEN'S AUXILIARY ACTIVITIES

PLEASE WEAR NAME BADGE

FRIDAY, OCTOBER 11

Join the men in the Empire Room (2B Level) for:

- 11:00 A.M. Introduction of New President,
Edward C. Weiford
- 11:15 A.M. The United States Missile and Manned
Space Program.....*Dr. George Knauf*
-

Free afternoon to be shared with husbands!

- 1:00 P.M. Buses leave Denver Hilton for tour of Air Force
Academy
- 5:00 P.M. Cocktails and Dinner, Penrose Room, Broadmoor
Hotel, Colorado Springs

SATURDAY, OCTOBER 12

- 10:00 A.M. Coffee and rolls—Denver Room

SPECIAL EVENTS

Tuesday, October 8, 7:30 A.M.—Executive Committee Breakfast and Meeting—Century and Conference Rooms

Tuesday, October 8, 12:00 Noon-6:00 P.M.—Early bird registration—North Lobby

Wednesday, October 9, 8:00 P.M. — Past Presidents Dinner — Colorado Room

Saturday, October 12, 12:30 P.M.—Executive Committee Meeting—Century and Conference Rooms

OFFICE LOCATIONS

Congress Headquarters: Terrace Room

Auxiliary Headquarters: Denver Room

Message Center: Tuesday, October 8—North Lobby
Wednesday-Saturday—Convention Center,
2B Area

Press Room: Savoy Room

Registration:

Tuesday, October 8, 12:00 Noon to
Wednesday, October 9, 12:00 Noon
—North Lobby

Wednesday, October 9, 12:00 Noon to
Saturday, October 12, 10:00 A.M.
—Convention Center (2B Area)

PROGRAM

WEDNESDAY, OCTOBER 9

- 7:30 A.M. Residents Committee Breakfast—Century Room
7:30 A.M. Public Relations Committee Breakfast — Conference Room
7:30 A.M. Host Committee Breakfast—Century Room
7:30 A.M.-12:00 Noon Registration—North Lobby
12:00 Noon-5:00 P.M. Registration—Convention Center (2B Level)
8:30 A.M.-6:00 P.M.—Exhibits—2B Display Area
-

Scientific Meeting—Empire Room (2B Level)

PLEASE WEAR NAME BADGE FOR ADMISSION

Presiding Officer—A. Roy Tyrer, Jr.

- 9:00 A.M.—Televised surgery with panel discussion
10:45 A.M. Coffee and coke break
11:00 A.M. Operative Techniques of Olfactory Groove and Suprasellar Meningiomas....*James L. Poppen*
-
- 12:15 P.M.—Congress Luncheon—Empire Lounge

NOTES

PROGRAM

WEDNESDAY, OCTOBER 9

Scientific Meeting—Empire Room (2B Level)

PLEASE WEAR NAME BADGE FOR ADMISSION
SUBMIT QUESTIONS FOR PANEL DISCUSSION

Presiding Officer—Richard C. Schneider

- 2:00 P.M. Abnormal X-ray Findings Related to Central
Nervous System in Childhood
Trygve O. Gabrielsen
- 2:30 P.M. The Treatment of Craniosynostosis
Eben Alexander
- 3:00 P.M. Craniocerebral Trauma in Infancy and
Childhood.....*C. Douglas Hawkes*
- 3:30 P.M. Coffee and coke break
- 3:45 P.M. Treatment of Orbital Tumors in
Children.....*Collin S. MacCarty*
- 4:15 P.M. Techniques of Plastic Repair of Large Scalp
and Skull Defects.....*John Converse*
- 4:45 P.M. Question and Answer Panel
- 5:15 P.M. Adjournment
-

6:30-8:00 P.M. No Host Cocktail Party—Century, Silver and
Gold Rooms

NOTES

PROGRAM

THURSDAY, OCTOBER 10

- 7:30 A.M. Neurosurgical Residents Welcome Breakfast—Silver Room
- 7:30 A.M. International Committee Breakfast — Conference Room
- 7:30 A.M. Foreign Service and Physician Training Committee Breakfast—Century Room
- 8:30 A.M.-5:30 P.M. Registration — Convention Center (2B Level)
- 8:30 A.M.-6:00 P.M. Exhibits—2B Display Area
-

Scientific Meeting—Empire Room (2B Level)

PLEASE WEAR NAME BADGE FOR ADMISSION

Presiding Officer—John R. Russell

- 9:00 A.M. Televised surgery with panel discussion
- 10:45 A.M. Coffee and coke break
- 11:00 A.M. Operative Tricks of the Trade.....*James L. Poppen*
-

12:15 P.M. Congress Luncheon—Junior Ballroom

NOTES

PROGRAM

THURSDAY, OCTOBER 10

Scientific Meeting—Empire Room (2B Level)

PLEASE WEAR NAME BADGE FOR ADMISSION
SUBMIT QUESTIONS FOR PANEL DISCUSSION

Presiding Officer—Lycurgus M. Davey

- 2:00 P.M. Surgical Techniques Related to Hand and Forearm Lesions.....*Joseph Posch*
- 2:30 P.M. Diagnosis and Treatment of Lesions of the Brachial Plexus and Adjacent Areas*Charles Drake*
- 3:00 P.M. Micro-techniques in Neurological Surgery*Theodore Kurze*
- 3:30 P.M. Coffee and coke break
- 3:45 P.M. A Philosophy of the Treatment of Abnormal Tonus and Movement.....*Paul C. Bucy*
- 4:15 P.M. Question and Answer Panel
- 4:30 P.M. Business Meeting for Members

-
- 6:30 P.M. Reception and Cocktail Party — Assemblies 1, 2 and 3
- 8:00 P.M. Banquet—Grand and Junior Ballrooms
Recognition of Honored Guest—
Dr. James L. Poppen
Presentation of Gavel to President by Women's Auxiliary
After Dinner Speaker—Chester Lauck,
(better known as "Lum" of "Lum and Abner's Jot 'Em Down Store")
Entertainment—Miss Mary Shelton
Dancing

DRESS OPTIONAL—PLEASE WEAR NAME BADGE

NOTES

PROGRAM

FRIDAY, OCTOBER 11

8:30 A.M.-12:30 P.M. Registration—Convention Center (2B Level)

8:30 A.M.-6:00 P.M. Exhibits—2B Display Area

Scientific Meeting—Empire Room (2B Level)

PLEASE WEAR NAME BADGE

Presiding Officer—John N. Meagher

- 9:00 A.M. Televised surgery with panel discussion
- 10:45 A.M. Coffee and coke break
- 11:00 A.M. Introduction of New President, Edward C. Weiford
- 11:15 A.M. The Man in Space Program.....*George Knauf*
(Wives are cordially invited)
- 12:15 P.M. Adjournment for OPTIONAL AFTERNOON
- 12:15 P.M. Membership Committee Meeting — Conference Room
-

- 1:00 P.M. Buses leave Denver Hilton for tour of Air Force Academy
- 5:00 P.M. Cocktails and Dinner, Penrose Room, Broadmoor Hotel, Colorado Springs
-

Golf at Cherry Hills Country Club

NOTES

PROGRAM

FRIDAY, OCTOBER 11

Member-Participation Program—Empire Room (2B Level)
Presiding Officer—William S. Ogle

- 1:30 P.M. Infusion Chemotherapy for Brain
and Neck Cancer (paper)..*Arthur Winter, M.D.*
- 1:45 P.M. Positive Contrast Water Soluble
Ventriculography and Myelography
with Meglumine Iothalamate
(paper).....*R. L. Campbell, M.D.*
- 2:00 P.M. Discussion
- 2:05 P.M. The Intra-arterial Approach to
Cerebrovascular Abnormalities
(paper).....*A. J. Luessenhop, M.D.*
- 2:35 P.M. Treatment of Verebral Arteriovenous
Fistula (paper).....*Shelley N. Chou, M.D.*
- 2:50 P.M. Intraspinal Lipomas
(paper).....*Samuel E. Hunter, M.D.*
- 3:10 P.M. Discussion
- 3:15 P.M. Coffee Break
- 3:25 P.M. Subdural Hematoma in Infants
and Children (paper)..*William H. Bloom, M.D.*
- 3:40 P.M. Technique and Results of Precise
Alcoholic Gasserian Injection
for Major Trigeminal
Neuralgia (paper).....*Arthur Ecker, M.D.*

NOTES

- 3:55 P.M. The Use of a Slotted Sleeve in
the Treatment of Communicating
Hydrocephalus (paper)
Robert H. P. Yuan, M.D.
- 4:15 P.M. Discussion
- 4:20 P.M. Submicroscopic Structures of
Acoustic Tumors (paper)
Anselmo Pineda, M.D.
- 4:35 P.M. Retrograde Brachial Angiography
(color movie with sound)
Robert A. Kuhn, M.D.
- 5:10 Discussion
- 5:15 Adjournment

NOTES

PROGRAM

SATURDAY, OCTOBER 12

8:30 A.M.-10:00 A.M. Registration—Convention Center (2B Level)

8:30 A.M.-12:30 P.M. Exhibits—2B Display Area

Scientific Meeting—Empire Room (2B Level)

PLEASE WEAR NAME BADGE FOR ADMISSION
SUBMIT QUESTIONS FOR PANEL DISCUSSION

Presiding Officer—Edward C. Weiford

9:00 A.M. The Treatment of Carotid-Cavernous
Fistula*Wallace Hamby*

9:30 A.M. Treatment of Arteriovenous Malformations of the
Brain*Lyle French*

10:00 A.M. Posterior Fossa Aneurysms.....*Valentine Logue*

10:45 A.M. Coffee and coke break

11:00 A.M. Operative Treatment of Anterior
Communicating Artery
Aneurysms.....*James L. Poppen*

12:00 A.M. Discussion

12:30 P.M. Adjournment

NOTES

POST-CONVENTION DISCUSSION GROUP

DESERT INN
LAS VEGAS, NEVADA

OCTOBER 13-14, 1963

Sunday, October 13, 10:00 A.M.-12:00 Noon

Group Discussion.....*Adrien Verbrughen, Moderator*

Subjects: What is the Value of Hypothermia in Neuro-
surgery?

Complications of Diagnostic Procedures done
by Non-neurosurgical Personnel

Monday, October 14, 10:00 A.M.-12:00 Noon

Group Discussion.....*Adrien Verbrughen, Moderator*

Subjects: Complications of Intracranial Surgery

Is the Shunt for Hydrocephalus Outmoded?

Begin planning now to attend the
3RD INTERNATIONAL
CONGRESS OF NEUROLOGICAL SURGERY

to be held in

COPENHAGEN, DENMARK

AUGUST 23-27, 1965

Professor Eduard Busch, *President*