

Congress of Neurological Surgeons

**Preliminary Program
30th Annual Meeting
October 5-10, 1980**



**Hyatt Regency Hotel
Houston, Texas**

Monday

October 6th

SPECIAL COURSES—LIMITED REGISTRATION

8:00 am-11:30 am

✓ Course I —Neuro-oncology

A. Basic Principles of the Biology of
Neoplasia

James Harris

B. Principles of Investigation
Radiation Therapy

Glenn Sheline

Ronald Withers

Chemotherapy

William Shapiro

Immunotherapy

Robert Morantz

Course II —Neuro-ophthalmology

John A. McCrary, III

Joel S. Glaser

1:00 pm-4:30 pm

Course III—Neurophysiology of Higher Cortical
Function

George Ojemann

✓ Course IV—Management of the Critically Ill
Neurosurgical Patient

James Carrico

Paul Stevens

Kemp Clark

Tuesday

October 7th

GENERAL SCIENTIFIC SESSION I PRACTICAL PHARMACOLOGY FOR THE NEUROSURGEON

8:00 am-12:00 Noon

- A. Selected Aspects of Neuroanesthesia
John T. Martin
- B. Use of Blood and Its Components
Morris Pulliam
- C. Use of Anticoagulants in Cerebrovascular Disease
Donald Easton
- D. Antibiotics in Central Nervous System Infections
James Luby
- E. Agents for Cerebral Edema
James Ausman
- F. Pituitary Hormone Replacement
Edward R. Laws, Jr.
- G. Principles of Anticonvulsant Therapy
J. Kiffin Penry
- H. Practical Use of Psychotropic and Analgesic Agents in the Management of Pain
Robert B. King
- I. Medical Management of Movement Disorders
C. Warren Olanow
- J. HONORED GUEST PRESENTATION
Eben Alexander, Jr.

12:15 pm-1:45 pm—LUNCHEON DISCUSSION
GROUPS (1-11)

12:15 pm-1:45 pm—"HOW I DO IT" SESSIONS
(36-40)

2:15 pm-3:45 pm—SPECIAL INTEREST
WORKSHOPS (A-C)

4:00 pm-5:30 pm—SPECIAL INTEREST
WORKSHOPS (D-H)

(See appropriate pages for selection)

5:45 pm-6:45 pm—ANNUAL BUSINESS MEETING

Wednesday

October 8th

GENERAL SCIENTIFIC SESSION II SCIENTIFIC COMMUNICATION

8:00 am-12:30 pm

- A. Research and Preparation of the Manuscript
Robert Wilkins
- B. Style, Final Draft, Submission
William Sweet
- C. Slide Concepts and Mechanics
Robert Reeder
- D. Presentation
Bryce Weir
- E. PRESIDENTIAL ADDRESS
Robert H. Wilkins
- F. Medical Illustration Seminar
Frank Netter
Leonard Malis
Ronald Apfelbaum
Albert L. Rhoton, Jr.

12:45 pm-2:15 pm—LUNCHEON DISCUSSION
GROUPS (12-23)

12:45 pm-2:15 pm—"HOW I DO IT" SESSIONS
(41-45)

(See appropriate pages for selection)

2:30 pm-5:00 pm—RESIDENT COMMITTEE
PROGRAM

2:30 pm-5:00 pm—CONTEMPORARY
NEUROSURGICAL ISSUES
(CSNS)

Thursday

October 9th

GENERAL SCIENTIFIC SESSION III NEUROSURGICAL UPDATE I

8:00 am-12:00 Noon

- A. Medical/Surgical Treatment of Pituitary Tumors
Martin H. Weiss
- B. Cerebrovascular Disease and the External Carotid Artery
Richard Hodosh
- C. Use of Transplantable Tissue in Neurosurgery
Donald J. Prolo
- D. Non-invasive Cerebrovascular Diagnostic Techniques
Mark Kartchner
- E. Use of Tissue Adhesives
Duke Samson
- F. Cranial Nerve Vascular Compression Syndromes
(other than tic douloureux and hemifacial spasm)
Peter J. Jannetta
- G. Reports of Cooperative Studies
 - 1. EC/IC Bypass
S. J. Peerless
 - 2. Chymopapain
Clark Watts
 - 3. Brain Tumor
Joseph Ransohoff
 - 4. Aneurysm
Neal Kassell

H. HONORED GUEST PRESENTATION *Eben Alexander, Jr.*

12:15 pm-1:45 pm—LUNCHEON DISCUSSION
GROUPS (24-35)

12:15 pm-1:45 pm—"HOW I DO IT" SESSIONS
(46-50)

(See appropriate pages for selection)

2:00 pm-5:00 pm—OPEN SCIENTIFIC SESSION I

2:00 pm-5:00 pm—OPEN SCIENTIFIC SESSION II

Friday

October 10th

GENERAL SCIENTIFIC SESSION IV NEUROSURGICAL UPDATE II

8:00 am-12:00 Noon

- A. CT Scan—Basic Principles of Operation
Kenneth R. Maravilla
- B. CT vs Angiography in the Diagnosis of Intracranial Neoplasms
Stanley F. Handel
- C. CT Monitoring of Chemotherapeutic Agent Delivery
Edward A. Neuwelt
- D. CT—Guided Stereotaxis
William V. Glenn, Jr.
- E. RESIDENT AWARD PAPER
- F. HONORED GUEST PRESENTATION
Eben Alexander, Jr.
- G. Techniques of Intracranial Pressure Monitoring
Marc A. Flitter
- H. The Use of Evoked Potentials in Neurosurgery
Arnold Starr
- I. Electrical and Chemical Stimulation of the CNS by Direct Means for Pain Control: Present and Future
Charles D. Ray
- J. Management of Spasticity
Paul C. Sharkey

SPECIAL INTEREST WORKSHOPS

Tuesday, October 7

2:15 pm-3:45 pm (simultaneously presented)

Workshop A: **Posterior Fossa Microsurgery**

Moderator: *Peter Jannetta*

Speakers: *Robert Ojemann*

Albert L. Rhoton, Jr.

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Workshop B: **Complications of Neurosurgery**

Moderator: *David L. Kelly, Jr.*

Speakers: *Kemp Clark*

George Ehni

Robert Grossman

①

Workshop C: **Multimodality Approach to Intracranial Arterio-venous Malformations**

Moderator: *Henry Garretson*

Speakers: *W. Jost Michelsen*

Shelley Chou

William Bank

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4:00 pm-5:30 pm

Workshop D: **Arnold Chiari Malformation, Etiology and Treatment**

Moderator: *Jerry Oakes*

Speakers: *Peter Carmel*

Julian Hoff

Workshop E: **Malignant Glioma, New and Prospective Treatment**

Moderator: *Michael Salzman*

Speakers: *Joseph Ransohoff*

Robert Morantz

Michael Walker

✓ ①

Workshop F: **Principles of Rehabilitation of the Disabled Neurosurgical Patient**

Moderator: *Clark Watts*

Speakers: *Paul Sharkey*

Phala Helm

Martin Grabis

Workshop G: **History of Neurosurgery**

Moderator: *Samuel Greenblatt*

Speakers: *Samuel Greenblatt*

Robert Wilkins

A. Earl Walker

Chester Burns

②

Workshop H: **Ethical Issues in Neurosurgery**

Moderator: *Richard Schneider*

Speakers: *Theodore Kurze*

Carlton Chapman

✓ ③

LUNCHEON DISCUSSION GROUPS

Tuesday, October 7

12:15 pm-1:45 pm

- ④ 1. Physiologic Considerations of Patient Positions
in Neurosurgery
Moderator: *James Ausman*
Speaker: *John T. Martin*
- ✓ 2. Thoracic Outlet Syndrome
Moderator: *David Kline*
① Speaker: *Russell W. Hardy, Jr.*
- ✓ 3. Fluid Management in the Critically Ill
Neurosurgical Patient
Moderator: *Michael Salzman*
② Speakers: *Robert G. Grossman*
James Carrico
4. Myelodysplasias
Moderator: *Jerry Oakes*
Speaker: *Derek Bruce*
5. Management of CNS Gunshot Wounds
Moderator: *Morris Pulliam*
Speaker: *Paul R. Cooper*
6. Metastatic Spine Tumors
Moderator: *Perry Black*
Speaker: *William Shapiro*
- ✓ 7. Managing Raised Intracranial Pressure
Moderator: *John Shea*
③ Speaker: *Alan S. Fleischer*
8. Spasmodic Torticollis and Other Movement
Disorders
Moderator: *C. Warren Olanow*
Speaker: *George Ojemann*
9. Clinical Investigations: Pitfalls of Design and
Interpretation
Moderator: *Joseph Maroon*
Speaker: *Stephen Haines*
10. Management of CSF Shunt Infections
Moderator: *Kenneth Shapiro*
Speaker: *Robert McLaurin*
11. Aneurysms: Pre-/post-operative Care
Moderator: *Donald Easton*
Speaker: *Eugene Flamm*

LUNCHEON DISCUSSION GROUPS

Wednesday, October 8

12:45 pm-2:15 pm

12. Working With the Medical Illustrator
Moderator: *Robert Wilkins*
✓ Speaker: *Frank Netter*
13. Viral Encephalitis: Medical/Surgical Management
Moderator: *Paul Kornblith*
② Speaker: *James Luby*
14. Speech Disorders: Clues to Localization
Moderator: *Samuel Greenblatt*
✓ Speaker: *Donald Easton*
15. Brain Abscess: Has the CT Scan Modified
Therapy?
Moderator: *Julian Hoff*
① Speaker: *Robert Grossman*
- ✓ 16. The Failed Back
Moderator: *Charles Burton*
Speaker: *Hubert L. Rosomoff*
17. Psychometric Evaluation of Patients With
Cerebrovascular Disorders
Moderator: *Stephen Boone*
Speaker: *Frances K. Conley*
18. Techniques of Evaluating Cerebral Blood Flow
Moderator: *Fred Sklar*
Speaker: *J. Sterling Meyer*
19. Parkinsonism: When is Surgery Indicated?
Moderator: *Patrick Kelly*
Speakers: *Warren Olanow*
Philip L. Goldenberg
20. Orbital Tumors
Moderator: *John A. McCrary, III*
Speaker: *Joseph Maroon*
- ✓ 21. Use of the CT Scan in Head Injuries
Moderator: *Richard Penn*
③ Speaker: *Joseph Ransohoff*
- ✓ 22. Plastic and Reconstructive Neurosurgery
Moderator: *Eugene Balis*
Speaker: *Robert C. Reeder*
- ✓ 23. Management of Intracerebral Hematomas
Moderator: *Fremont Wirth*
④ Speaker: *Thomas B. Ducker*

LUNCHEON DISCUSSION GROUPS

Thursday, October 9

12:15 pm-1:45 pm

24. Vertebral Artery Arteriosclerotic Disease:
Diagnostic and Surgical Consideration

Moderator: *Edward F. Downing*

Speaker: *Mark Kartchner*

25. Spinal Stenosis

Moderator: *Charles Neblett*

Speaker: *Joseph Epstein*

26. Identification and Management of CSF
Fistulae

Moderator: *Howard Kaufman*

Speaker: *Robert F. Spetzler*

27. Syringomyelia

Moderator: *Floyd Haar*

Speaker: *Albert L. Rhoton, Jr.*

28. Indications for High Dose Barbiturate Therapy

Moderator: *Robert Crowell*

Speaker: *Lawrence Marshall*

29. Hypophysectomy in Malignant Disease

Moderator: *Kalmon Post*

Speaker: *George Tindall*

30. Vascular Factors in Spine Trauma

Moderator: *Jack Fein*

Speaker: *Arthur I. Koblina*

31. Pineal Tumors

Moderator: *Edward Neuwelt*

Speaker: *Bennett Stein*

32. Spine Biomechanics and Approaches to
Stabilization

Moderator: *Frances K. Conley*

Speaker: *Sanford Larson*

33. Prophylactic Antibiotics in Neurosurgery

Moderator: *Carole Miller*

Speakers: *Gary D. VanderArk*

Leonard Malis

34. Management of Chronic Pain

Moderator: *Richard Britt*

Speaker: *Perry Black*

35. Keeping Informed About Governmental
Regulations Affecting Neurosurgery

Moderator: *Donald H. Stewart, Jr.*

Speaker: *David Storrs*

"HOW I DO IT" SESSIONS

Tuesday, October 7

12:15 pm-1:45 pm

36. Anterior Circulation Aneurysms

Moderator: *Duke Samson*

Speaker: *John Fox*

37. Acoustic Nerve Tumors

Moderator: *Ronald Apfelbaum*

Speaker: *William Buchheit*

38. Carotid-cavernous Sinus Fistulae

Moderator: *Joe Hahn*

Speaker: *Donald J. Prolo*

39. Intraventricular Tumors in Adults

Moderator: *William Shucart*

Speaker: *Ivan Ciric*

40. Management of Intraspinal Tumors

Moderator: *Christopher Shields*

Speaker: *Peter Carmel*

Wednesday, October 8

12:45 pm-2:15 pm

41. EC/IC Bypass

Moderator: *Peter Heilbrun*

Speaker: *O. Howard Reichman*

42. Cervical Disc Disease

Moderator: *Michael Apuzzo*

Speaker: *John M. Tew, Jr.*

43. Lesions at the Skull Base

Moderator: *Robert Ratcheson*

Speaker: *Leonard I. Malis*

44. Posterior Circulation Aneurysms

Moderator: *Neal Kassell*

Speaker: *S. J. Peerless*

45. Peripheral Nerve Surgery

Moderator: *Michael Scott*

Speaker: *Alan R. Hudson*

"HOW I DO IT" SESSIONS

Thursday, October 9

12:15 pm-1:45 pm

46. Surgery for Congenital Cranio-facial
Dysmorphism

Moderator: *Howard Eisenberg*

Speaker: *Harold J. Hoffman*

47. Sympathectomy—Various Approaches

Moderator: *Russel H. Patterson, Jr.*

Speaker: *Donald Dohn*

48. Lesions of the Extra-cranial Carotid Artery

Moderator: *Donald Quest*

Speaker: *David G. Piepgras*

49. Management of Lesions Involving the Dural
Sinuses

Moderator: *Henry Schmidek*

Speaker: *John Kapp*

50. Surgical Management of Epilepsy

Moderator: *George Sybert*

Speaker: *Sidney Goldring*

FEATURES OF THE 30TH ANNUAL MEETING

The Videotape Library, with many new tapes and some older ones as well, will be open from 7:30 am-10:00 pm daily except Friday when it will close at noon.

The Resident programs have been expanded, and a special Resident Committee Program will be held Wednesday, October 8, from 2:30 pm-5:00 pm.

A special program on Contemporary Neurosurgical Issues developed by JSEC and the Council of State Neurosurgical Societies will be presented on Wednesday, October 8, from 2:30 pm-5:00 pm.

AUXILIARY AND SOCIAL ACTIVITIES

Daily

8:00 am-11:00 am—Continental Breakfast
Hospitality Suite—Regency

Monday, October 6, 1980

8:30 am- 4:30 pm—NASA/Gabriels/Astrodome/
Med Center Tour
10:00 am- 3:30 pm—Galleria Shuttle
11:00 am- 2:00 pm—Champagne Brunch
(Residents' Spouses)
2:00 pm- 4:30 pm—Heritage Homes Tour
4:00 pm- 5:30 pm—Welcoming Reception
(New Members' Spouses)
7:00 pm-10:00 pm—Tex-Mex Welcoming Party

Tuesday, October 7, 1980

8:30 am- 9:30 am—Book Review: Blood and Money
9:30 am- 5:00 pm—Galveston by the Sea Tour
10:00 am- 3:30 pm—Galleria Shuttle
11:30 am- 2:30 pm—Auxiliary Scientific & Education
Session and Luncheon
1:30 pm- 5:00 pm—Art Tour

Wednesday, October 8, 1980

9:55 am-10:30 am—Presidential Address
10:30 am-12:00 —Auxiliary Scientific
& Education Session
12 Noon - 3:30 pm—Annual Business Meeting,
Luncheon and Fashion Show
7:00 pm-Midnight—Rodeo

Thursday, October 9, 1980

8:30 am- 1:00 pm—NASA Tour
9:30 am- 2:30 pm—Art Tour & Luncheon
9:30 am- 1:00 pm—Bayou Bend/River Oaks Tour
10:00 am- 3:30 pm—Galleria Shuttle
1:30 pm- 4:00 pm—Auxiliary Scientific
& Education Session
1:30 pm- 5:00 pm—Bayou Bend/River Oaks Tour
6:30 pm- 7:30 pm—Annual Reception
7:30 pm-Midnight—Annual Banquet

SPECIAL NOTICES

1. DRUGS AND DEVICES COMMITTEE—Will meet on Sunday, October 5, 9:00 am-5:00 pm in the Pecan Room.
2. THE PLACEMENT OFFICE will be open every day and will be located in the Exhibit Area.
3. INTERNATIONAL COMMITTEE—Will sponsor an International Breakfast Seminar on Wednesday, October 8, 6:15 am-7:45 am in the Imperial West. The topic will be "Health Care Delivery Systems Around the World." On Thursday, October 8, there will be a breakfast and meeting for committee members from 6:30 am-8:00 am in the Ebony Room.
4. AUXILIARY SCIENTIFIC SESSIONS—Tuesday, October 7, 11:30 am-2:30 pm in the Regency, Wednesday, October 8, 10:30 am-12:00 Noon in the Imperial West, Thursday, October 9, 1:00 pm-4:00 pm in Arboretum V.
5. JOINT SOCIO-ECONOMIC COMMITTEE—Will meet on Friday, October 3, 5:00 pm-9:00 pm, Saturday, October 4, 8:00 am-5:00 pm, and Sunday, October 5, 8:00 am-5:00 pm in the Imperial East.
6. VIDEOTAPE LIBRARY—Will be located in the Exhibit Area and will be open daily from 7:30 am-10:00 pm.

GENERAL INFORMATION

1. An OFFICIAL HOUSING FORM is enclosed. Mail this form directly to:

**Housing Bureau
1006 Main, Ste. 1101
Houston, TX 77002**

Hotel Reservations are being managed by the Houston Convention Center. Room assignments will be made by computer. Please study the various hotels available carefully and return the form promptly.

2. A MEETING REGISTRATION FORM is enclosed. There are special forms for Members, Non-Members, and Residents. Please BE SURE you use the correct form.
3. These is LIMITED REGISTRATION for SPECIAL COURSES, SPECIAL INTEREST WORKSHOPS, "HOW I DO IT" SESSIONS, and LUNCHEON DISCUSSION GROUPS. REGISTER EARLY!!
4. MEMBERS, RESIDENTS, and NON-MEMBERS: Mail your meeting registration form to:

**Congress of Neurological Surgeons
Attention: Michael I. O'Connor
Williams & Wilkins
428 East Preston Street
Baltimore, MD 21202**

5. A special packet "TAKE ME HOME TO YOUR WIFE" is enclosed to outline Auxiliary activities.