Congress of Neurological Surgeons

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

Hyatt Regency Hotel
Houston, Texas
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
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. Kiflin 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)
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
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.

Workshop B: Complications of Neurosurgery
Moderator: David L. Kelly, Jr.
Speakers: Kemp Clark
George Ehni
Robert Grossman

Workshop C: Multimodality Approach to Intracranial
Arterio-venous Malformations
Moderator: Henry Garretson
Speakers: W. Jost Michelsen
Shelley Chou
William Bank

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 Salcman
Speakers: Joseph Ransohoff
Robert Morantz
Michael Walker

Workshop F: Principles of Rehabilitation of the
Disabled Neurosurgical Patient
Moderator: Clark Watts
Speakers: Paul Sharkey
Phala Helm
Martin Grabois

Workshop G: History of Neurosurgery
Moderator: Samuel Greenblatt
Speakers: Samuel Greenblatt
Robert Wilkins
A. Earl Walker
Chester Burns

Workshop H: Ethical Issues in Neurosurgery
Moderator: Richard Schneider
Speakers: Theodore Kurze
Carlton Chapman
LUNCHEON DISCUSSION GROUPS

Tuesday, October 7

12:15 pm-1:45 pm

1. Physiologic Considerations of Patient Positions in Neurosurgery
   Moderator: James Ausman
   Speaker: John T. Martin

2. Thoracic Outlet Syndrome
   Moderator: David Kline
   Speaker: Russell W. Hardy, Jr.

3. Fluid Management in the Critically Ill Neurosurgical Patient
   Moderator: Michael Salcman
   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
   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
   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
   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. Gildenberg

20. Orbital Tumors
    Moderator: John A. McCrary, III
    Speaker: Joseph Maroon

21. Use of the CT Scan in Head Injuries
    Moderator: Richard Penn
    Speaker: Joseph Ransohoff

22. Plastic and Reconstructive Neurosurgery
    Moderator: Eugene Balis
    Speaker: Robert C. Reeder

23. Management of Intracerebral Hematomas
    Moderator: Fremont Wirth
    Speaker: Thomas B. Ducker
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. Kobrine

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
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 Sypert
   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.