

PRELIMINARY PROGRAM
27TH ANNUAL MEETING
OCTOBER 9-14, 1977

Dr. John M. Thompson

SAN FRANCISCO HILTON
SAN FRANCISCO, CALIFORNIA



CONGRESS OF NEUROLOGICAL SURGEONS, INC.

GENERAL INFORMATION

1. A HOTEL RESERVATION CARD for the San Francisco Hilton Hotel is enclosed. Mail your card directly to the hotel.
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. There is LIMITED REGISTRATION for the SPECIAL COURSES, SPECIAL INTEREST WORKSHOPS, "HOW I DO IT SESSIONS," and LUNCHEON DISCUSSION GROUPS. REGISTER EARLY!!
4. Note REGISTRATION for the SELF-ASSESSMENT EXAMINATION.
5. MEMBERS, RESIDENTS, and NON-MEMBERS: Mail your meeting registration card to:
Congress of Neurological Surgeons
Attention: Joan Schuman
Williams & Wilkins
428 East Preston Street
Baltimore, Maryland 21202
6. The HOTEL RESERVATION CARD for the SUPPLEMENTARY SCIENTIFIC PROGRAM is enclosed. Questions regarding the SUPPLEMENTARY SCIENTIFIC SESSION SHOULD BE DIRECTED TO:
Dr. Philip Weinstein or Dr. Julian Hoff
Department of Neurosurgery
University of California Medical Center
San Francisco, California 94143
7. A special packet "TAKE ME HOME TO YOUR WIFE" is enclosed to outline Auxiliary activities.

SPECIAL COURSES — LIMITED REGISTRATION

(Simultaneously Presented)

Monday, October 10, 1977

8:00 a.m. - 5:30 p.m.

Course I ✓ **THE SPINE** \$50 -

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| A. Radiology of the Cervical Spine | Bernard Epstein |
| B. Dynamics of the Cervical Spine | Stewart Dunsker |
| C. Diagnostic Problems in the Lumbar Spine | Hugo Keim |
| D. Fractures and Dislocations of the Spine | Horace Norrell |
| E. Acute Flexion-Extension Injuries of the Cervical Spine | Henry LaRocca |
| F. Cervical Laminectomy for Herniated Cervical Discs and for Myelopathy | Charles Fager |
| G. Anterior Operations for Herniated Cervical Discs and for Myelopathy | James Robertson |
| H. Radiology of the Lumbar Spine | Hubert Rosomoff |
| I. Indications for Spinal Fusions and Techniques | Hugo Keim |
| J. Psychological Aspects of Spinal Pain | Dietrich Blumer |
| K. Biomechanics of the Lumbar Spine | H. F. Farfan |
| L. Infections of the Spine | Henry LaRocca |

GENERAL INFORMATION

SPECIAL COURSES

8:00 a.m. -12:00 Noon

Course II **NEUROPATHOLOGY: WHO Classification of Tumors** Kenneth Earle

1:30 p.m. - 5:30 p.m.

Course III **NEUROPHYSIOLOGY**

Sidney Gilman
and Leo Happel

A. Current Concepts of Physiology
of the Neuronal Unit

B. Muscle Receptors—Anatomy and Physiology

C. Recent Developments in Spinal Cord
Physiology

D. Functions of the Pyramidal Tract

Tuesday, October 11, 1977

CONTINENTAL BREAKFAST AND SELF-ASSESSMENT EXAMINATION

6:00 a.m. - 7:00 a.m.

Breakfast

7:00 a.m. - 9:00 a.m.

530 ✓

Self-Assessment Examination (see announcement)

SCIENTIFIC PROGRAM

9:15 a.m. -12:15 p.m.

BIOLOGY AND PATHOGENESIS OF INTRACRANIAL TUMORS

1. Reflections of a Neurosurgeon on Pathogenesis of Central Nervous
System Tumors — Paul Bucy

11:35 a.m.

2. Metabolism of Tumors — Wolff Kirsch
3. Tumor Kinetics — Charles Wilson
4. Histologic Prediction of Malignancy — Tessa Whyte
5. Role of Tissue Culture in Prediction of Malignancy — Paul Kornblith
6. Honored Guest Presentation: Anatomico — Clinical Correlation of Tumor Sites — Richard Schneider

12:30 p.m. - 2:00 p.m.

Luncheon Discussion Groups (Nos. 1-12)
(see appropriate pages for selection)

12:30 p.m. - 2:00 p.m.

"How I Do It Sessions" (I-V)
(see appropriate page for selection)

2:15 p.m. - 3:45 p.m.

Special Interest Workshops I (A-E)
(see appropriate pages for selection)

4:00 p.m. - 5:30 p.m.

Special Interest Workshops II (F-J)
(see appropriate pages for selection)

Wednesday, October 12, 1977

8:00 a.m. -12:30 p.m.

TREATMENT MODALITIES INCLUDING SURGERY

1. Where Are We Heading? Heat and Otherwise — Robert Selker
2. Immunotherapy — Is There a Future? — Stephen Mahaley
3. Contemporary Role of Chemotherapy for Brain Tumors — Michael Walker
4. Radiotherapy of Malignant Tumors — William Wara and Glenn Sheline

SPECIAL COURSES

SCIENTIFIC PROGRAM

9:20 a.m.	Presidential Address — Bruce F. Sorensen 5. Operations for Intracranial Glioma Including Indications for Reoperation — Joseph Ransohoff 6. Approaches to Incisural Region Including Paraphyseal and Pineal Regions — Theodore Kurze 7. Parasellar Tumors — William Hunt 8. Meningiomas Including Basal Lesions — Paul Derome 9. Technique of Posterior Fossa Operations — William Buchheit 10. Approach to Cerebellopontine Angle Tumors — Robert Ojemann
12:30 p.m. - 2:00 p.m.	International Luncheon and Panel Discussion
12:30 p.m. - 2:00 p.m.	Luncheon Discussion Groups (Nos. 13-24)
	(see appropriate pages for selection)
12:30 p.m. - 2:00 p.m.	"How I Do It Sessions" (VI-X)
	(see appropriate page for selection)
2:15 p.m. - 3:45 p.m.	Special Interest Workshops III (K-O)
	(see appropriate pages for selection)
4:00 p.m. - 5:30 p.m.	Special Interest Workshops IV (P-T)
	(see appropriate pages for selection)

Thursday, October 13, 1977

8:00 a.m. -12:00 Noon	SPINAL CORD AND OTHER NERVOUS SYSTEM TUMORS 1. Localization and Diagnosis of Spinal Cord Tumors — Eugene Stern 2. Surgery of Spinal Metastatic Disease — Glenn Kindt 3. Laminectomy for Pediatric Spinal Lesions — Anthony Raimondi 4. Intramedullary Tumors — Leonard Malis
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9:40 a.m.

5. Intradural Extramedullary Tumors — Burton Onofrio
6. Honored Guest Presentation: Syringomyelia — Richard Schneider
7. Orbital Tumors — Edward Housepian
8. Peripheral Nerve Tumors — Tapas DasGupta
9. Recent Developments in Etiology and Therapy of Reye's Syndrome — Jerome Haller

12:30 p.m. - 2:00 p.m.

Luncheon Discussion Groups (Nos. 25-36)
(see appropriate pages for selection)

2:00 p.m. - 4:30 p.m.

Simultaneous Sessions:

International Scientific Session

I. Open Scientific Session

II. Symposium: "Foreign Medical Graduate (FMG) Update"

Open Scientific Session I

Open Scientific Session II

4:30 p.m. - 5:30 p.m.

Business Meeting — President Bruce F. Sorensen

Friday, October 14, 1977

8:00 a.m. - 12:30 p.m.

1. Autonomic Contribution to Pain Syndromes — William Sweet
2. Sympathectomy for Causalgia and Causalgic-like Disorders — Richard DeSaussure
3. Sympathectomy for Vascular Syndromes and Hyperhydrosis — Donald Dohn
4. Maintenance of Clinical Competence in Neurological Surgery: A Personal View — Kemp Clark
5. Present Malpractice Scene in Neurosurgery — Richard Rovit

SCIENTIFIC PROGRAM

- 9:30 a.m.
- 10:00 a.m.
6. **Honored Guest Presentation:** Craniopharyngioma — Richard Schneider
 7. Program Evaluation
 8. The California Scene — Byron Pevehouse
 9. The Washington Scene — Donald Stewart
 10. Is There a Surgical Cure for Pain? A Colloquium — Donlin Long, Moderator, Nelson Hendler, John Loeser, William Sweet, Oscar Sugar

SPECIAL NOTICES

1. **Material and Devices Committee** — Will meet on Sunday, October 9, 1977 (executive committee and sub-committees will meet from 3:00 p.m.-5:00 p.m.; open meeting from 5:00 p.m.-6:30 p.m. for membership).
2. **Placement Committee** — Will meet daily Monday, October 10, through Thursday, October 13, 1977.
3. **International Committee** — Will have an International Luncheon Discussion on Wednesday, October 12, - 12:30 p.m. - 2:00 p.m. "Transnational Training and Certification in Neurosurgery: A Potential Reality or an Impossible Dream?" On Thursday, October 13, 1977, there will be a scientific program.
4. **Auxiliary Scientific Session** — Third Annual Scientific Program
Wednesday, October 12, 1977
10:00 a.m. -11:30 a.m. Pain Symposium
 Moderator: William H. Sweet
 Panelists: Jerald S. Brodkey, Byron C. Pevehouse, Donlin M. Long
5. **Joint Socio-Economic Committee** — Will meet on Wednesday, October 5, through Sunday, October 9, 1977 at Newport Beach, California.

AUXILIARY AND SOCIAL ACTIVITIES

Daily

8:00 a.m. - 5:00 p.m.

Auxiliary Hospitality Suite — Tower Lobby

8:00 a.m. - 10:00 a.m.

Auxiliary Continental Breakfast — Tower Lobby

2:00 p.m. - 4:00 p.m.

Refreshments — Tower Lobby

Monday, October 10, 1977

9:30 a.m. - 11:00 a.m.

Residents' Wives Breakfast

1:30 p.m. - 4:30 p.m.

The Cosmopolitan City Tour

6:30 p.m. - 8:30 p.m.

Welcoming Cocktail Party

Tuesday, October 11, 1977

9:00 a.m. - 12:30 p.m.

Insiders' Shopping Tour

9:30 a.m. - 4:30 p.m.

A Day in the Wine Country

1:30 p.m. - 4:30 p.m.

House and Garden Showcase

Wednesday, October 12, 1977

9:20 a.m. - 9:50 a.m.

Presidential Address — Bruce F. Sorensen

10:00 a.m. - 11:30 a.m.

Auxiliary Scientific Program (see Special Notices)

12:00 Noon

Departure for Mark Hopkins Hotel — Tower Lobby

12:30 p.m. - 3:30 p.m.

Luncheon, Annual Meeting, and Fashion Show — I. Magnin & Co.
Peacock Court, Mark Hopkins Hotel

Thursday, October 13, 1977

9:00 a.m. - 12:30 p.m.

Insiders' Shopping Tour

9:30 a.m. - 4:30 p.m.

A Day in the Wine Country

1:30 p.m. - 4:30 p.m.

House and Garden Showcase

6:30 p.m. - 7:30 p.m.

Annual Reception — Cocktails

7:30 p.m. - Midnight

Annual Banquet

SPECIAL INTEREST WORKSHOPS I

Tuesday Afternoon, October 11, 1977 — LIMITED REGISTRATION

2:15 p.m. - 3:45 p.m. (simultaneously presented)

Workshop A: **Intraoperative Non-neurosurgical Complications**

Moderator: Joseph Maroon

Speakers: Maurice Albin, Theodore Kurze, Jane Matjesko

Workshop B: **Cerebral Revascularization**

Moderator: Sydney Peerless

Speakers: Bradford DeLong, Howard Reichman, Norman Chater

Workshop C: **Treatment of Recurrent Endocrine Tumors**

Moderator: George Tindall

Speakers: Jerald Brodkey, Raymond Kjellberg, William Collins

Workshop D: **Anatomy and Management of Lower Extremity Nerve Lesions**

Moderator: Alan Hudson

Speakers: David Kline, Earl Hackett, Henry LaRocca

Workshop E: **The Empty Sella Syndrome and Cerebrospinal Fluid Leaks**

Moderator: David Kelly

Speakers: Peter Carmel, Ayub Ommaya, John VanGilder

SPECIAL INTEREST WORKSHOPS II

4:00 p.m. - 5:30 p.m. (simultaneously presented)

Workshop F: **Postoperative Infections and Complications**

Moderator: Robert McLaurin

Speakers: Burton Wise, William Meacham, Arthur Kobrine

Workshop G: **Arteriovenous Malformations — Selection and Operative Treatment**

Moderator: Shelley Chou

Speakers: Russel Patterson, Bennett Stein, Edward Boldrey

Workshop H: **Planning a Practice**
Moderator: Edward Downing
Speakers: Phillip Williams and The Comikes Corporation

Workshop I: **Stereotaxic Thrombosis of Aneurysms and Fistulas**
Moderator: Robert Rand
Speakers: John Alksne, Yoshio Hosobuchi, Sean Mullan

Workshop J: **Head Trauma and the CT Scan**
Moderator: Donald Smith
Speakers: Richard Penn, Derek Bruce, Barry French

SPECIAL INTEREST WORKSHOPS III

Wednesday Afternoon, October 12, 1977 — LIMITED REGISTRATION

2:15 p.m. - 3:45 p.m. (simultaneously presented)

① Workshop K: **Neurosurgical Pharmacology**
Moderator: James Ausman
Speakers: Eugene Stern, Perry Black, Michael Walker

③ Workshop L: **Operative Approaches to Supratentorial Aneurysms**
Moderator: Sydney Peerless
Speakers: Leonard Malis, Robert Rand, John Fox

② Workshop M: **The Repeat Lumbar Laminectomy — Whether, When, and How to Do It**
Moderator: Stewart Dunsker
Speakers: Henry LaRocca, Byron Pevehouse, Horace Norrell

Workshop N: **Advances in Stereotaxic Surgery**
Moderator: George Ojemann
Speakers: Philip Gildenberg, Orlando Andy, Blaine Nashold

④ Workshop O: **Management of Pain of Central Origin**
Moderator: Donlin Long
Speakers: Donald Richardson, Wolff Kirsch, Ian Turnbull

SPECIAL INTEREST WORKSHOPS

SPECIAL INTEREST WORKSHOPS IV

4:00 p.m. - 5:30 p.m. (simultaneously presented)

- ④ Workshop P: Development of a Neurosurgical Intensive Care Unit
Moderator: Donald Becker
Speakers: Gary VanderArk, Glenn Kindt, Martin Weiss
- Workshop Q: Operative Approaches to Infratentorial Aneurysms
Moderator: Thomas Ducker
Speakers: Leonard Malis, John Fox, Sydney Peerless
- ③ Workshop R: Cerebral Edema — What Is It? and How to Treat It
Moderator: Robert Grossman
Speakers: Robert Bourke, Donlin Long, Basil Harris
- ① Workshop S: Pulmonary Physiology the Neurosurgeon Needs to Know
Moderator: Julian Hoff
Speakers: Jane Matjesko, Maurice Albin
- Workshop T: Management of Craniosynostosis
Moderator: Anthony Raimondi
Speakers: Paul Derome, Harold Hoffman, Mark O'Brien, Martin Sayers
- ②

LUNCHEON DISCUSSION GROUPS — LIMITED REGISTRATION

Tuesday, October 11, 1977

12:30 p.m. — 2:00 p.m. (Nos. 1-12)

	Speakers	Moderator
1. Why Some Industrial Back Patients Never Get Well	Byron Pevehouse	Harold Wilkinson
2. External Stabilization of the Spine	Henry LaRocca	Hubert Rosomoff
3. Mechanical Back and Neck Pain and the Neurosurgeon	Horace Norrell	Roland Perkins
4. Superficial Temporal and Middle Cerebral Artery Bypass	Norman Chater	Bradford DeLong
5. Surgical Repair of Peripheral Nerves	David Kline	Barton Brown

6. Problems and Techniques in the Treatment of Arteriovenous Malformations
7. Management of Thoracolumbar Fractures
8. Tumor Immunology
9. Major Sinus Repair
10. Editor's View of Neurosurgical Manuscripts
- ✓ 11. Practical Chemotherapy for the Clinician
12. Cerebral Blood Flow

Henry Garretson	Peter Jannetta
Taylor Smith	Edward Connolly
Stephen Mahaley	Robert Ojemann
John Kapp	Jacob Mathis
Paul Bucy	William Buchheit
Derek Fewer	Lawrence Pitts
Julian Youmans	Philip Weinstein

Wednesday, October 12, 1977

- ② 13. Radiofrequency Lesions for Trigeminal Neuralgia
14. Mechanical Back and Leg Pain
15. Craniofacial Reconstruction
16. Treatment of Brain Abscess With Use of the CT Scan
- ✓ 17. Preoperative Appraisal of Patients as Operative Risk — General Consideration
- ✓ 18. Cranioplasty
19. Cerebral Metabolism as it Relates to Cerebral Ischemia
20. Pharmacological Management of Vasospasm
- ④ 21. Cervical Spondylosis
- ✓ 22. Causalgia
- ① 23. Intracranial Pressure Monitoring
- ③ 24. Chronic Pain

12:30 p.m. — 2:00 p.m. (Nos. 13-24)

Speakers	Moderator
John Tew	Edward Downing
Henry LaRocca	William Bridges
Harold Hoffman	Louis Nelson
Philip Weinstein	Arthur Lyons
Eugene Stern	Fletcher Lee
Edward Connolly	John Kapp
Robert Ratcheson	Julian Youmans
Sydney Peerless	Christopher Shields
Stewart Dunsker	Horace Norrell
Thomas Ducker	Dexter Koons
Harold Wilkinson	Pat McGraw
Yoshio Hosobuchi	Donald Richardson

Thursday, October 13, 1977

- ① 25. Embolization of Tumors
- ② 26. Malpractice
- 27. Arteriovenous Malformations of the Spinal Cord
- 28. Otological Evaluation of the Cerebellopontine Angle
- ③ 29. Neuro-ophthalmology
- ③ 30. Neuroradiology (Cisternography With Use of the CT Scan)
- 31. Carotid Cavernous Fistula
- ④ 32. Hydrocephalus
- 33. Treatment of Grade III Aneurysm Patient
- 34. The Acute Nonsurgical Treatment of Aneurysm
- ② 35. Non-Cardiac Pulmonary Edema and the Role of Hypoxia in the Neurosurgical Patient
- 36. Cortical Evoked Sensory Potential in the Evaluation of Spinal Cord Lesions

12:30 p.m. — 2:00 p.m. (Nos. 25-36)

Speakers	Moderator
Robert Rand	Edward Connolly
Byron Pevehouse	Donald Stewart
Leonard Malis	Norman Chater
Robert Schindler	Gail Clark
Nancy Newman	Charles Rich
David Norman	Ernest Bates
Donald Prolo and Herbert Cares	Yoshio Hosobuchi
Anthony Raimondi	Roland Perkins
John Mullan	Sydney Peerless
Donald Becker	Philip Weinstein
Lawrence Pitts	Julian Hoff
Joseph Maroon & Jack McCallum	Thomas Ducker

HOW I DO IT SESSIONS — LIMITED REGISTRATION

Groups of 80 each, to allow discussion about surgical technique. Each registrant may select any HOW I DO IT SESSION. These are presented simultaneously with Luncheon Discussion Groups using the number or letter indicated below.

Tuesday, October 11, 1977

- ② I. Transsphenoidal Approach to the Pituitary
- ① II. Percutaneous Cordotomy
- ③ III. Application of Halo Apparatus for Neck Fracture
- ③ IV. Posterior Fossa Exploration in the Child
- ④ V. Anterior Discectomy

12:30 p.m. — 2:00 p.m.

Edward Laws
Sean Mullan
Thomas Ducker, Dermot Byrnes
Anthony Raimondi
Charles Wilson

Wednesday, October 12, 1977

- ✓ VI. Carotid Endarterectomy
- VII. Embolization for Selected Tumors
- VIII. Entrapment Neuropathy Operations
- ✓ IX. Cerebellopontine Angle Tumors
- X. Management of Carotid Cavernous Fistulas

12:30 p.m. — 2:00 p.m.

James Robertson
Robert Rand
David Kline
Theodore Kurze
Jake Hanberry

SELF-ASSESSMENT EXAMINATION

As a part of the Congress meeting this year, a self-assessment examination in neurosurgery will be given under the sponsorship of the Joint Committee on Education. It will be held on October 11, 1977, from 7:00 a.m.-9:00 a.m., preceded by a breakfast from 6:00 a.m.-7:00 a.m. The cost for the breakfast and examination is \$30.00 and you may pre-register for both on the enclosed form. No other sessions will be held during this time. The examination will include questions on neurosurgery, neurology, neuroradiology, neuroanatomy, plus practical patient-care problems. Scoring will be done by the National Board of Medical Examiners who will confidentially return only to the examinee his overall score including comparison with the group as a whole and also a "key word" analysis that will allow him to identify missed questions. Twenty hours of credit for Category I toward the Physician's Recognition Award in Neurosurgery will be afforded each examinee, in addition to the forty hours credit for attendance at the Congress meeting itself.

SIGN UP TODAY!