

## THURSDAY, OCTOBER 7, 1982

GENERAL SCIENTIFIC SESSION III  
SPINAL SURGERY  
Grand Ballroom East and Center

Presiding Officer: Donald O. Quest

Moderators: Robert A. Ratcheson and Fremont P. Wirth

- 6:30 a.m. FUN RUN
- 8:00 a.m. - 8:25 a.m. Spine-Spinal Cord Relationships  
Charles H. Tator
- 8:25 a.m. - 8:50 a.m. Craniocervical Anomalies and Tumors  
John C. VanGilder
- 8:50 a.m. - 9:15 a.m. Prognostic Factors in Cervical Spine Trauma  
Thomas B. Ducker
- 9:15 a.m. - 9:40 a.m. Management of Syringomyelia  
S. J. Peerless
- 9:40 a.m. - 10:10 a.m. COFFEE BREAK WITH EXHIBIT VIEWING
- 10:10 a.m. - 10:35 a.m. Diagnosis and Management of Thoracic Disc Disease  
M. Vallo Benjamin
- 10:35 a.m. - 11:00 a.m. Anterior Approaches to the Spine  
Julian T. Hoff
- 11:00 a.m. - 11:25 a.m. Management of Thoraco-Lumbar Fractures  
Edward L. Seljeskog
- 11:25 a.m. - 12 Noon HONORED GUEST PRESENTATION  
Vasospasm  
Keiji Sano  
(Introduction by Donald H. Stewart, Jr.)
- 12:15 p.m. - 1:45 p.m. LUNCHEON DISCUSSION GROUPS  
(Nos. 29 - 37)
- 12:15 p.m. - 1:45 p.m. "HOW I DO IT" SESSIONS (Nos. 38 - 42)
- 2:15 p.m. - 5:15 p.m. OPEN SCIENTIFIC SESSIONS I
- 6:30 p.m. - 7:30 p.m. Annual Reception  
Grand Ballroom East
- 7:30 p.m. - 1:00 a.m. Annual Banquet  
Grand Ballroom Center and West

## FRIDAY, OCTOBER 8, 1982

GENERAL SCIENTIFIC SESSION IV  
SPINAL INJURY  
Grand Ballroom East and Center

Presiding Officer: Joseph C. Maroon

Moderators: Christopher B. Shields and E. Fletcher Eyster

- 8:00 a.m. - 8:45 a.m. Chyopapain for Chemonucleolysis:  
An Overview  
John McCulloch  
Clark Watts
- 8:45 a.m. - 9:05 a.m. High Resolution CT Scanning of the Spine  
Mokhtar Gado
- 9:05 a.m. - 9:25 a.m. Diagnosis and Management of Lumbar Stenosis  
Philip R. Weinstein
- 9:25 a.m. - 9:45 a.m. RESIDENT AWARD PAPER  
"Definition of T. Lymphocyte Subsets by Monoclonal Antibody in Patients with Intracranial Neoplasia"  
Mervin P. Kril
- 9:45 a.m. - 10:15 a.m. HONORED GUEST PRESENTATION  
Integrative Treatment of Gliomas  
Keiji Sano  
(Introduction by Donald H. Stewart, Jr.)
- 10:15 a.m. - 10:45 a.m. COFFEE BREAK WITH EXHIBIT VIEWING
- 10:45 a.m. - 11:30 a.m. Management of Spinal Epidural Metastases  
Jerome B. Posner  
Richard G. Perrin
- 11:30 a.m. - 11:50 a.m. Surgical Treatment of Intramedullary Spinal Cord Tumors  
Bennett M. Stein

## CONGRESS OF NEUROLOGICAL SURGEONS



32nd ANNUAL MEETING  
October 4 - 8, 1982

**MONDAY, OCTOBER 4, 1982**

SCIENTIFIC PROGRAM  
 Sheraton Centre, Toronto, Ontario, Canada

- 8:00 a.m. - 11:30 a.m. SPECIAL COURSE I  
 (Grand Ballroom East)  
 Moderator: Peter W. Carmel  
**DEVELOPMENTAL BASIS OF CONGENITAL MALFORMATIONS**  
 A. Genetics - Alsdair Hunter  
 B. Embryology and Neuropathology - Uros Roessman  
 C. Clinical Correlation - Ronald J. Lemire
- SPECIAL COURSE II  
 (Grand Ballroom West)  
 Moderator: George W. Sybert  
**NEUROSCIENCE RELEVANT TO NEUROSURGERY**  
 A. Endogenous Opiates - Candace Pert  
 B. Neurotransmitters - B. K. Madras  
 C. Neuroregeneration - Albert J. Aguayo  
 D. Neuroanatomy - Hank Nauta
- 1:00 p.m. - 4:30 p.m. SPECIAL COURSE III  
 (Grand Ballroom East)  
 Moderator: Robert M. Crowell  
**CLINICAL APPLICATION OF RECENT ADVANCES IN NEURORADIOLOGY**  
 A. Interventional Radiology - Alexandro Berenstein  
 B. Positron Emission Tomography - Robert L. Grubb  
 C. Digital Subtraction Angiography - Charles M. Strothers  
 D. Nuclear Magnetic Resonance - Benjamin Kaufman
- SPECIAL COURSE IV  
 (Grand Ballroom West)  
 Moderator: Martin H. Weiss  
**MANAGEMENT OF CENTRAL NERVOUS SYSTEM INFECTIONS**  
 A. Viral - Peter J. Middleton  
 B. Bacterial - Ronald Gold  
 C. Parasitic - J. S. Keystone
- 6:30 p.m. - 8:00 p.m. Welcoming Cocktail Party  
 Grand Ballroom

**TUESDAY, OCTOBER 5, 1982**

GENERAL SCIENTIFIC SESSION I  
 POSTERIOR FOSSA TUMORS IN CHILDHOOD  
 Grand Ballroom East and Center

Presiding Officer: Donald H. Stewart, Jr.  
 Moderators: Harold J. Hoffman and Leo N. Hopkins

- 7:00 a.m. - 7:45 a.m. Residents' Breakfast  
 Essex Room
- 8:00 a.m. - 8:20 a.m. Neuropathology  
 Floyd H. Gilles
- 8:20 a.m. - 8:40 a.m. Neuroradiology  
 Charles Fitz
- 8:40 a.m. - 9:00 a.m. Radiotherapy  
 Derek Jenkins
- 9:00 a.m. - 9:20 a.m. Chemotherapy  
 Michael S. Edwards
- 9:20 a.m. - 9:40 a.m. Management of Cerebellar Astrocytomas  
 Martin P. Sayers
- 9:40 a.m. - 10:00 a.m. Management of Medulloblastomas  
 Harold J. Hoffman
- 10:00 a.m. - 10:30 a.m. COFFEE BREAK WITH EXHIBIT VIEWING
- 10:30 a.m. - 10:50 a.m. Long-term Follow-up in Patients with Medulloblastoma  
 Maurice Choux
- 10:50 a.m. - 11:10 a.m. Value of Pre-operative Shunting in the Child with a Posterior Fossa Tumor  
 A. Leland Albright
- 11:10 a.m. - 11:30 a.m. Disadvantages of the Pre-operative Shunt  
 Robert L. McLaurin
- 11:30 a.m. - 12 Noon HONORED GUEST PRESENTATION  
 Pineal Region Tumors  
 Keiji Sano  
 (Introduction by Donald H. Stewart, Jr.)
- 12:15 p.m. - 1:45 p.m. LUNCHEON DISCUSSION GROUPS (Nos. 1 - 9)
- 12:15 p.m. - 1:45 p.m. "HOW I DO IT" SESSIONS (Nos. 10 - 14)
- 2:15 p.m. - 3:45 p.m. SPECIAL INTEREST WORKSHOPS (A - D)
- 4:00 p.m. - 5:30 p.m. SPECIAL INTEREST WORKSHOPS (E - H)

**WEDNESDAY, OCTOBER 6, 1982**

GENERAL SCIENTIFIC SESSION II  
 Grand Ballroom East and Center

Presiding Officer: Edward F. Downing  
 Moderators: Robin P. Humphreys and Joe M. McWhorter

- 6:15 a.m. - 7:45 a.m. International Breakfast - Essex Room
- 8:00 a.m. - 8:20 a.m. Embryology - Barry N. French
- 8:20 a.m. - 8:40 a.m. Neuroradiology - Thomas P. Naidich
- 8:40 a.m. - 9:00 a.m. Early Management of the Child With Myelomeningocele  
 Fred Epstein
- 9:00 a.m. - 9:20 a.m. Management of the Arnold Chiari Malformation  
 Peter W. Carmel
- 9:20 a.m. - 9:40 a.m. Longterm Follow-up of Patients With Myelomeningocele  
 David G. McClone
- 9:40 a.m. - 10:00 a.m. Orthopedic Management of the Child With Myelomeningocele  
 Norris Carroll
- 10:00 a.m. - 10:30 a.m. COFFEE BREAK WITH EXHIBIT VIEWING
- 10:30 a.m. - 10:50 a.m. Diastematomyelia  
 Robin P. Humphreys
- 10:50 a.m. - 11:10 a.m. Tethered Cord - E. Bruce Hendrick
- 11:10 a.m. - 11:30 a.m. Lipomyelomeningocele - Luis Schut
- 11:30 a.m. - 12 Noon PRESIDENTIAL ADDRESS  
 Donald H. Stewart, Jr.  
 (Introduction by Joseph C. Maroon)
- 12:15 p.m. - 1:45 p.m. LUNCHEON DISCUSSION GROUPS (Nos. 15 - 23)
- 12:15 p.m. - 1:45 p.m. "HOW I DO IT" SESSIONS (Nos. 24 - 28)
- 2:15 p.m. - 4:45 p.m. Resident Committee Program  
 Essex Room
- 2:15 p.m. - 3:45 p.m. Medical Negotiations  
 Problems and Pitfalls  
 Mr. Benjamin Trevino  
 Cinema II
- 2:15 p.m. - 3:45 p.m. Poster Session - Civic Ballroom
- 5:00 p.m. - 12 Midnight Ontario Science Centre & Buffet Dinner  
 Grand Ballroom