Editor-in-Chief
F.J. Epstein, New York, N.Y.

Managing Editor
D.H. Reigel, Pittsburgh, Pa.

Review Section Heads
R.P. Humphreys, Toronto (Pediatric Neurosurgery)
D.G. McLone, Chicago, Ill. (Pediatric Neurobiology)
L.B. Rorke, Philadelphia, Pa. (Pediatric Neuropathology)
R.A. Zimmerman, Philadelphia, Pa. (Pediatric Neuroimaging)
Editorial Board


*Pediatric Neuro-Oncology*  
C.C. Bailey, Leeds  
L.E. Kun, Memphis, Tenn.  
R.J. Packer, Washington, D.C.  
K. Takakura, Tokyo  
T. Tomita, Chicago, Ill.

Drug Dosage

The authors and the publisher have exerted every effort to ensure that drug selection and dosage set forth in this text are in accord with current recommendations and practice at the time of publication. However, in view of ongoing research, changes in government regulations, and the constant flow of information relating to drug therapy and drug reactions, the reader is urged to check the package insert for each drug for any change in indications and dosage and for added warnings and precautions. This is particularly important when the recommended agent is a new and/or infrequently employed drug.
Contents Vol. 21, 1994

Matson Address

Foreword
Scott, R.M.

Ethics, So Far
Alexander, E.

Original Papers

Computer Modeling of Siphoning for CSF Shunt Design Evaluation
Drake, J.M.; Tenti, G.; Sivalaganathan, S.

Therapeutic Dilemma of Disseminated CNS Germinoma and the Potential of Increased Platinum-Based Chemotherapy Delivery with Osmotic Blood-Brain Barrier Disruption
Neuwelt, E.A.; Williams, P.C.; Mickey, B.E.; Frenkel, E.P.; Henner, W.D.

Seizures in Children with Supratentorial Astroglial Neoplasms
Shady, J.A.; Black, P.McL.; Kipsky, W.J.; Tarbell, N.J.; Scott, R.M.; Leong, T.; Holmes, G.

An Approach to Symptomatic Children (Ages 4-14 Years) with Chiary Type I Malformation
Nagib, M.G.

Disbanding a Multidisciplinary Clinic: Effects on the Health Care of Myelomeningocele Patients
Kaufman, B.A.; Terbrock, A.; Winters, N.; Ro, J.; Klosterman, A.; Park, T.S.

[Editorial Comment by R.P. Humphreys]

Low-Velocity Penetrating Craniocerebral Injury in Childhood
Domingo, Z.; Peter, J.C.; de Villiers, J.C

Extradural Hematomas in Children
Moura dos Santos, A.L.; Pindaro Pereira Pese, J.; Ciquini, O., Jr.; Bor Seng Shu, E.; Alexides Manreza, L.; Marino, R., Jr.

Atlantooccipital Subluxation in a Neonate with Down’s Syndrome. Case Report and Review of the Literature

Prevention of Postshunting Ventricular Asymmetry by Trans-septal Placement of Ventricular Catheters. A Randomized Study
Steinbok, P.; Poskitt, K.J.; Cochrane, D.D.; Kestle, J.R.W.

[Editorial Comment by H.E. James]

How Effective Are Ventriculopleural Shunts?
Piatt, J.H., Jr.

Biodegradation of Distal Shunt Catheters
Elisevich, K.; Mattar, A.G.; Chesterman, F.
Polyglycolic Acid Membrane Interpositioning for the Prevention of Skull Deformity following Experimental Craniosynostosis
Antikainen, T.; Kallioinen, M.; Pohjonen, T.; Törmälä, P.; Waris, T.; Serlo, W.

Foundations of Pediatric Neurosurgery
Myelomeningocele Repair: Technical Considerations and Complications
McCullough, D.C.; Johnson, D.L.
[Author’s Comment by D.L. Johnson]

Pineal Region Tumors in Childhood. Experience at the Hospital for Sick Children
[Author’s Comment by H.J. Hoffmann]

Case Report
Childhood Survival of Atlantooccipital Dislocation:
Underdiagnosis, Recognition, Treatment, and Review of the Literature
Donahue, D.J.; Muhlbauer, M.S.; Kaufman, R.A.; Warner, W.C.; Sanford, R.A.

Letter to the Editor
The Obex Is Not Synonymous with the Upper End of the Central Canal
Milhorat, T.H.; Miller, J.I.

No. 2

Original Papers
Subcutaneous Palisading Granuloma of the Scalp in Childhood
Medlock, M.D.; McComb, J.G.; Raffel, C; Gonzalez-Gomez, I.

Exciting Your Neurons to Death: Can We Prevent Cell Loss after Brain Injury?
Duhaime, A.-C.
[Editor’s Comment by Shapiro, K]

Cardiopulmonary Bypass, Hypothermic Circulatory Arrest and Barbiturate Cerebral Protection for the Treatment of Giant Vertebrobasilar Aneurysms in Children
Greene, K.A.; Marciano, F.F.; Hamilton, M.G.; Herman, J.M.; Rekate, H.L.; Spetzler, R.F.
No. 34

A Critical Review of Personal Experiences with Craniopharyngioma: Clinical History, Surgical Technique and Operative Results
Raimondi, A.J.; Rougerie, J.
[Author’s Comment by Raimondi, A.J.]

Abstracts

No. 33

Original Papers
Incidence of Postoperative Epilepsy in Children following Subfrontal Craniotomy for Tumor Wang, E.C.; Geyer, J.R.; Berger, M.S. [Editorial Comment by D. Cochrane]
Depressed Skull Fractures in Children Secondary to Skull Clamp Fixation Devices Lee, M.; Rezai, A.R.; Chou, J. [Editorial Comment by R.P. Humphreys]

Foundations of Pediatric Neurosurgery
Experience with Telemetric Pressure Measurements in Shunt Systems
Chapman, P.H.; Cosman, E.R.; Zervas, N.T. [Author’s Comment by P.H. Chapman]

Case Reports
West Syndrome Associated with Porencephaly
Cerebrospinal Fluid Shunt Infection by Neisseria sicca
Hornyik, G.; Platt, J.H., Jr.
Gastric Perforation due to Ventriculo-Peritoneal Shunt
Infantile Meningioma
Molleston, M.C.; Moran, C.J.; Roth, K.A.; Rich, K.M.
Intracerebral Hemorrhage after Evacuation of a Subdural Hematoma in an Infant
Sood, S.; Canady, A.I.; Martino, A.M.

Abstracts
Sixth International Symposium on Pediatric Neuro-Oncology 205 Houston, Tex., May 18-21, 1994. Part II
Original Papers


Effects of Ventricular Drainage and Dural Closure on Cerebrospinal Fluid Leaks after Posterior Fossa Tumor Surgery Muszynski, C.A.; Laurent, J.P.; Cheek, W.R.

Primary Central Nervous System Malignant Rhabdoid Tumor: 232 CT and MR Appearance Simulates a Primitive Neuroectodermal Tumor Caldemeyer, K.S.; Smith, R.R.; Azzarelli, B.; Boaz, J.C.

Replacement Laminoplasty in Selective Dorsal Rhizotomy: Possible Protection against the Development of Musculoskeletal Pain Cobb, M.A.; Boop, F.A.

Regressing Intracranial Carotid Occlusions in Childhood Pozzati, E.; Galassi, E.; Godano, U.; Cordelia, L.

Foundations of Pediatric Neurosurgery. Circuit Diagram of the Circulation of Cerebrospinal Fluid Rekate, H.L. [Author’s Comment by H.L. Rekate]

Case Reports

Childhood Optic Pathway Tumors Associated with Ascites following Ventriculoperitoneal Shunt Placement West, G.A.; Berger, M.S.; Geyer, J.R. [Editorial Comment by R.M. Scott]


Abstracts


Tribute to Reviewers 274
Author Index 275
Subject Index 276

Suppl. 1

Craniopharyngioma: The Answer
Edited by M.H. Handler, Denver, Colo.