

CURRICULUM VITAE

HECTOR E. JAMES, M.D., F.A.A.P.

FORMAL EDUCATION:

St. George's College, Quilmes - Province of Buenos Aires, Argentina (Baccalaureate of National Secondary Education).

DEGREES:

Cambridge University Overseas School Certificate A - 1956

School of Medicine of the University of Buenos Aires - 1959, pre med.

School of Medicine of the University of Buenos Aires - Argentina 1959 through 1966,
Degree: M.D.

Activities not included in Medical School Curriculum:

Municipal Course for Practitioners in Vaccine 1961-1962.

Community Medical Assistance Programme for Medical Students, under auspices of

Milbank Foundation - Center for Medical Education and Clinical Investigation
(C.E.M.I.C.) 1966-1967.

Emergency Medical Assistance Programme, Center for Medical Education and Clinical
Investigation (C.E.M.I.C.) 1966-1967.

BOARD CERTIFICATION:

American Board of Neurological Surgery, May 1977

American Board of Pediatric Neurological Surgery, November 1997

Re-certification, Board of Pediatric Neurological Surgery examination, Denver Marriott City Center Hotel, Denver, Colorado. November 28, 2006.

HONORS:

Scholarship student, Nephrology Department, Center for Medical Education and Clinical Investigation (C.E.M.I.C.) Kellogg Foundation (Battle Creek), Buenos Aires, 1966.

The Warren E. Wheeler Teaching Award, Department of Pediatrics, University of Kentucky Medical Center, Lexington, Kentucky, 1975-76.

MILITARY EXPERIENCE:

Obligatory Military Service during Medical School 1960. Attached to Infirmary of the Army Engineering School, Argentine Army.

POSITIONS HELD:

- 1963: Practitioner for the Municipality of Buenos Aires for Vaccines, 1962.
Honorary Assistant to the Second Department of Medical Physiology, School of Medicine, University of Buenos Aires.
- 1964-1967: Assistant Instructor to the Second Department of Medical Physiology, Prof. A.C. Taquini, School of Medicine of the University of Buenos Aires.
- 1966-1967: Practitioner of the Emergency Service of the Center of Medical Education and Clinical Investigation (C.E.M.I.C).
- 1965: Practitioner of the Emergency Service of the Rivadavia Hospital - Buenos Aires.
- 1967: Intern, General Surgery, Episcopal Hospital Philadelphia, Pennsylvania.
- 1968: Resident, General Surgery, The Graduate Hospital of the University of Pennsylvania; Philadelphia, Pennsylvania.
- 1969: Resident, Neurological Surgery, Hospital of the University of

Pennsylvania; Philadelphia, Pennsylvania.

- 1969: Research Fellow, Neurosurgery, Hospital of the University of Pennsylvania; Philadelphia, Pennsylvania.
- 1969: Fellow of Rehabilitation, Piersol Rehabilitation Center, University of Pennsylvania; Philadelphia, Pennsylvania.
- 1971: Affiliating Resident in Neurosurgery, (January 1 -June 30), Children's Hospital of Philadelphia, Pennsylvania.
- 1972: Affiliating Resident in Neurosurgery, (July 1 - December 31), Children's Hospital of Philadelphia, Pennsylvania.
- 1972: Fellow of Neuroradiology, Stroke Research Center, Philadelphia General Hospital, Philadelphia.
- 1973: Assistant Professor, Neurological Surgery, Hospital of the University of Pennsylvania, Philadelphia.
- 1975: Assistant Professor, Neurological Surgery, University of Kentucky Medical Center; Lexington, Kentucky.
- 1977: Assistant Professor, In-Residence, Surgery/Neurosurgery, University of California Medical Center, San Diego, California.
- 1979: Joint Appointment in Department of Pediatrics, Assistant Professor of Pediatrics, In-Residence, non-salaried.
- 1980: Associate Professor, In-Residence, Surgery/ Neurosurgery and Pediatrics; University of California, San Diego Medical Center, San Diego, California.
- 1986: Professor, In-Residence, Surgery/Neurosurgery and Pediatrics; University of California, San Diego Medical Center, San Diego, California.
- 1987 - 1993: Clinical Professor, Surgery/Neurosurgery and Pediatrics; University of California, San Diego Medical Center, San Diego, California, non salaried. Children's Hospital of San Diego, California.
- 1992 - 1993: Vice Chairman, Department of Neurosciences, Children's Hospital San Diego.
- 1994 - 1995: Chairman, Department of Neurosciences, Children's Hospital San Diego.
- 1998 - 2002 Chairman, Section of Neurosurgery, Children' s Hospital San Diego.

2003-present: Chief, Pediatric Neurosurgery Center, Wolfson Children's Hospital, University of Florida, Jacksonville/Wolfson Children's Hospital.

2003-present: Associate Professor of Neurological Surgery and Pediatrics, University of Florida Health Sciences Center-Jacksonville, Jacksonville, Florida.

2008-present: Professor of Neurological Surgery and Pediatrics, University of Florida Health Sciences Center-Jacksonville, Jacksonville, Florida.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS & SOCIETIES:

Advanced Surgical Technologies, Inc., Laser Advisory Board
American Academy of Pediatrics (AAP) (Neurology - Neurosurgery)
AAP, Section on Neurological Surgery, (Executive Committee 2005-2008)
AAP, Subcommittee on Serious Head Trauma, Committee on Quality Improvement (Chairman 1994-present).
American Association of Neurological Surgeons (AANS)
American Association of Neurological Surgeons, Pediatric Section (Secretary/Treasurer)
AANS, Pediatric Section, Child Advocacy Committee (Chairman 1994-1995)
American Society for Pediatric Neurosurgery
California Association of Neurological Surgeons, Inc. (Executive Board Director 1994-1996)
California Association of Neurological Surgeons (President 1999-2000)
California Neurosurgical Association for Pediatrics
California Pediatric Trauma Care Coalition (Neurosurgery Representative)
Congress of Neurological Surgeons
Federation of Western Societies of Neurological Science
International Brain Edema Symposium (Advisory Board)
International Neurotrauma Society
International Society of Pediatric Neurosurgery
International Society for Brain Edema Research (President 1993-1996)
Laser Association of Neurosurgeons International
Philadelphia Neurological Society
Research Society of Neurological Surgeons
San Diego Academy of Neurological Surgeons (Secretary/Treasurer 1992)
San Diego Academy of Neurological Surgeons (President 1993-1995)
San Diego Academy of Neurological Surgeons (CME Coordinator 1995-2003)
San Diego County Medical Society
Society for Neuroanesthesia and Neurological Supportive Care
Society for Pediatric Neurosurgery "Raul Carrea" for Spanish-speaking Neurosurgeons
Trauma Advisory Committee, Department of Trauma, Children's Hospital
Western Neurosurgical Society (Secretary/Treasurer 2003)
Emergency Medical Services Authority, Pediatric Critical Care Center Subcommittee, State of California Health and Welfare Agency, Grant from the Maternal and Child Health

Bureau, Department of Health and Human Services. Project: Development of Emergency Medical Services

for Children in the State of California. October 1991 - September 1993.

The Florida Neurosurgical Society (1997)

NATIONAL EXHIBITS:

Scientific Exhibit - A Protocol for the Management of Head Trauma. Pizzi, F. J., James, H.E., et al. College of Neurological Surgeons, Denver, 1972. Distinguished award.

Scientific Exhibit - A Protocol for the Management of Head Trauma. Pizzi, F. J., James, H.E., et al. Southern Neurosurgical Society, New Orleans, 1973. Distinguished award.

Scientific Exhibit - Intracranial Pressure Regulation. Wright, B.D., Young, A.B., James, H.E. Annual Meeting of the American Society of Anesthesiologists, October, 1977, New Orleans, Louisiana.

Scientific Exhibit - Intracranial Pressure Regulation. Wright, B.D., Young, A.B., James, H.E. Annual Meeting of the American Association of Neurological Surgeons, New Orleans, Louisiana, April 23 - 27, 1978.

Scientific Exhibit - Spinal Dysraphism. Walsh, J., and James, H.E. Twenty-eighth Annual Meeting of the Congress of Neurological Surgeons, Washington, D.C., September 24-29, 1978. Earned First Prize for Best Exhibit.

Poster presentation: Terminal myelocystocele: An important differential diagnosis in the prenatal assessment of spina bifida. Morris GF, Myer SH, James HE. Annual Meeting of the American Association of Neurological Surgeons, Denver, Colorado, April 1997.

AWARDS & GRANTS:

Co-Director: Head Injury Center, Hospital of the University of Pennsylvania. NIH. Grant 1973-74 #5-21582 (Program Director: T.W. Langfitt, Professor & Chairman, Division of Neurosurgery).

Principal Investigator: General Research Support, "Intracranial pressure, behavioral electrophysiology, and blood flow in experimental gray matter edema." Grant #405374, Division of Research Facilities and Resources. V.A.H., 1975-76.

Principal Investigator: A randomized study for the therapy of infected CSF shunts. Approved by the Human Medical Investigations Committee, U.K.M.C., October, 1976 to September, 1977.

Co-Investigator: Pharmacological alterations of the urinary incontinence. Easter Seal Research

Foundation, January, 1977, through December, 1977.

Principal Investigator: Steroids and Cytotoxic Gray Matter Edema. Grant by Upjohn Laboratories, 1977.

Principal Investigator: Comparative Effects of Therapy in Cytotoxic and Vasogenic Edema. Grant #R-B86-M-James, University of California Academic Senate, San Diego Division Committee on Research, 1977-78 fiscal year.

Co-Investigator, Pediatric Section: Establishment of Comprehensive Central Nervous System Trauma Centers for Defined Geographic Areas Within the United States. National Institute of Neurologic and Communicative Disorders and Stroke through the National Institutes of Health. NIH-NINCDS-79-02. September, 1979 through August, 1982.

Consultant: "Experimental Treatment of Amyotrophic Lateral Sclerosis with Interferon: Tolerance, Toxicity, and Pharmacokinetics". Muscular Dystrophy Association Grant, UCSD No. 7063. July 1, 1981 to June 30, 1982.

Continuing Education Award in Neurosurgery: American Association of Neurological Surgeons, Congress of Neurological Surgeons, 1983 - 1986.

Co-Investigator: "Use of Intravenous Immunoglobulin in the Prevention of Ventriculoperitoneal Shunt Infections". UCSD Human Subjects Project #83-288. July 1, 1983.

Coordinator: Protocol on Cisplatinum as Adjuvant Therapy for Grade III & IV Astrocytoma of Pediatric Oncology Group, 1987.

Coordinator: Protocol on "The Treatment of Children Less Than Three Years of Age with Malignant Brain Tumors." Pediatric Oncology Group. 1985 to 1990.

Co-Investigator: Intravenous Fluid Therapy and Head Injury Proposal, Department of Surgery, UCSD School of Medicine, Principal Investigator: S. Shackford, M.D. NIH Proposal, June 1988.

CLINICAL ACTIVITIES:

Pediatric Neurosurgery Center, Pavilion Building, Wolfson Children's Hospital, Jacksonville, Florida.

Spinal Defects Clinic, Wolfson Children's Hospital, Jacksonville, Florida.
Craniofacial Clinic, UF&Shands Jacksonville, Jacksonville, Florida.

Pediatric Neurosciences Clinic, UF&Shands Jacksonville/Wolfson Children's Hospital, Jacksonville, Florida.

HOSPITAL APPOINTMENTS:

UCSD Medical Center, San Diego, CA - Consulting Staff, 1977-2003.

Children's Hospital and Health Center, San Diego, CA - Senior Staff, 1977-2003.

Kern Medical Center, Bakersfield, CA - Courtesy Staff, 1980 - 1987.

Mercy Hospital and Medical Center, San Diego, CA - Consulting Staff, 1978 - 1992, 1999-2002.

Southern Nevada Memorial Hospital, Nevada - Courtesy Staff, 1981 - 1985.

Sunrise Hospital Medical Center, Las Vegas, NV - Consulting Staff, 1981 - 1990.

Naval Regional Medical Center, San Diego, CA - Consultant, 1981 - 1982.

Veteran's Administration Hospital, San Diego, CA - Consultant, 1977 - 1985.

Kaiser Permanente Hospital, San Diego, CA - Consulting Staff Neurosurgeon, 1977 - 1994.

Grossmont Hospital, La Mesa, CA - Consultant, Pediatric Neurosurgery, Department of Pediatrics, 1987 - 1997.

Tri-City Medical Center, Oceanside, CA - Limited Active Staff, 1988 - present.

Sharp Memorial Hospital, San Diego, CA - Provisional Staff, 1987-2003.

Scripps Memorial Hospital, Encinitas, CA - Courtesy Staff, Department of Surgery, 1988 - 1990.

Humana Children's Hospital - Las Vegas, Courtesy Staff, 1990 - 1996.

Children's Hospital at Mission, Mission Viejo, CA - Provisional Staff, Department of Surgery, Pediatric Neurosurgery, 1994 -1996

Wolfson Children's Hospital/Baptist Medical Center, Jacksonville, Florida, 2003-present.

UF&Shands Jacksonville, University of Florida Health Sciences Center, Jacksonville, Florida, 2003-present.

BIBLIOGRAPHY:

1. Langfitt TW, Kumar VS, James HE, Miller JD: Continuous Recording of Intracranial Pressure in Patients with Hypoxic Brain Damage. Symposium of Brain Hypoxia, Carshalton, England, 1970. Brain Hypoxia. Eds. Brierley JW, Meldrum BS, Lippincott,

- Philadelphia, 1971, pp. 118-135. (17 pages)
2. Pizzi FJ, James HE, Bruce D, Kumar VS, Goldberg HI, Langfitt TW: A Protocol for the Management of Head Trauma. Publication of the Division of Neurosurgery for National Exhibits. 1972-73. (5 pages)
 3. James HE, Schut L: Communication of Hydromyelic Cavity with Fourth Ventricle shown by Combined Pantopaque and Air Myelography. *Neurosurg* 38:235-238, 1973. (3 pages)
 4. James HE, Cohandon F, Hubert LM, Jeanjean C, Leman P: Rehabilitation of the Head Injured Patient. *Surgery, Gynecology, Obstetrics* 136:661, 1973. (Abstract) (1 page)
 5. James HE, Gouaze E, Satini JJ: Orbito-Encephalic Trauma. *Surgery, Gynecology, Obstetrics* 136:662, 1973. (Abstract) (1 page)
 6. James HE: Inside the Injured Head. *Emergency Medicine* September 1973, pp. 163-172. (9 pages)
 7. Pizzi FJ, James HE, Bruce D, Langfitt TW: A Protocol for the Management of Head Trauma. *American Family Physician* November 1974, pp. 163-172. (9 pages)
 8. James HE, Schut L: The Diagnosis of Posterior Fossa Tumors with Angiography in Children. *Acta Neurochirurgica* 30:95-109, 1974. (14 pages)
 9. James HE, Schut L: The Neurosurgeon and the Battered Child. *Surgical Neurology* 2:415-418, 1974. (3 pages)
 10. James HE, Schut L: The Spontaneous Remission of a Large Sacrococcygeal Lipomenigocele Sac with Presentation of a Tethered Cord Syndrome. *Neuropadiatrie* 5:340-343, 1974. (3 pages)
 11. James HE, Rougerie J, Derome P, Anquez L: Craniostenosis and Craniofacial Dysmorphisms. *Surgery, Gynecology, Obstetrics* 138:301, 1974. (Abstract) (1 page)
 12. James HE, Rigault B, Bouliquen JC, Lepintre E, Houteville JB: Malformations of the Spinal Cord in Children with Spinal Congenital Anomalies. *Surgery, Gynecology, Obstetrics* 138:302, 1974. (Abstract) (1 page)
 13. Marshall LF, Durity F, Welsh F, James HE, Langfitt TW: Further Observations on Behavior, Electrophysiology and Intracranial Pressure in Experimental Intracranial Hypertension. *Blood Flow and Metabolism in the Brain*. Eds. Harper AM, et al., Churchill Livingstone, Edinburgh, pp. 10.18-10.20, 1975. (2 pages)
 14. Marshall LF, Durity F, Welsh F, James HE, Langfitt TW: Intracranial Pressure,

- Behavioral and Electrophysiological Observations in Experimental Intracranial Hypertension. *The Journal of Surgical Research* 18:447-450, 1975. (3 pages)
15. James HE, Bruno I, Schut L, Shalna E: Intracranial Subarachnoid Pressure Monitoring in Children. *Surgical Neurology* 3:313-315, (2 pages)
 16. James HE, Bruno L, Shapiro H, Levitt JD, Aidinis S, Langfitt TW: Methodology for Intraventricular and Subarachnoid Continuous Recording of Intracranial Pressure in Clinical Practice. *Acta Neurochirurgica* 33:45-51, 1976. (6 pages)
 17. James HE, Langfitt TW, Kumar VS: Analysis of the Response to Therapeutic Measures to Reduce Intracranial Pressure in Head Injured Patients. *Journal of Trauma* 16:437-441, 1976. (4 pages)
 18. Tibbs PA, James HE, Rorke LB, Schut L, Bruce DA: Midline Hamartomas Masquerading as Meningomyeloceles or Teratomas in the Newborn Infant. *J. Peds.* 89:928-933, 1976. (5 pages)
 19. James HE: Lumbar Puncture and Transient Hydrocephalus. *Lancet* 1:817, 1976. (1 page)
 20. Kaiser G, Schut L, James HE, Bruce DA: Problems of Diagnosis and Treatment in the Dandy-Walker Syndrome. Published as The Proceedings of the Fifth Congress of European Society of Pediatric Neurosurgery (Stressa, Italy; October 1976). *Mod. Probl. Pediat.* 17:123-124, 1977. (2 pages)
 21. Mulcahy JJ, James HE, McRoberts JW: Oxybutynin Chloride Combined with Intermittent Clean Catheterization in the Treatment of Myelomeningocele Patients. *J. Urol* 118:95-96, 1977. (2 pages)
 22. Littman P, James HE, Zimmerman R, Slater R: Radionecrosis of the Brain Presenting as a Mass Lesion: A Case Report. *J Neurol., Neurosurg., Psychiat* 40(8):827-829, 1977. (3 pages)
 23. Showers JJC, Rorke LB, James HE: Cerebellar Hypoplasia: Re-Examination. *Phronesis: Rev. Neurol., Neurosurg., Psychiat.* 34:61-74, 1977. (13 pages)
 24. James HE, Oliff M: Computed Tomography in Spinal Dysraphism. *J. of Computer Assisted Tomography* 1(4):391-397, 1977. (6 pages)
 25. James HE, Zimmerman R, Bilaniuk C, Lisak R: The Priorities and Indications of Computed Tomography in Clinical Practice. *Acta Neurochirurgica* 36(1-2):1-7, 1977. (6 pages)
 26. James HE, Langfitt TW, Kumar VS, Gohstein S: Treatment of Intracranial Hypertension.

- Acta Neurochirurgica 36(3-4):189-200, 1977. (11 pages)
27. James HE, Bruce DA, Welsh F: Cytotoxic Edema Produced by 6-Aminonicotinamide and its Response to Therapy. *Neurosurgery* 3(2):196-200, 1978. (4 pages)
28. Bristow DL, Buntain WL, James HE: Ventriculo-peritoneal Shunt Migration causing an Acute Scrotum. A Case Report of Doppler Evaluation. *J. of Pediatric Surgery* 13(6):538-539, 1978. (2 pages)
29. James HE: The Effects of Steroids on Behavior, Electrophysiology, Water Content and Intracranial Pressure in Cerebral Cytotoxic Edema. *Pharmacology, Biochemistry and Behavior* 9(5):653-657, 1978. (4 pages)
30. Wilson HD, Bean JR, James HE, Pendley MM: Cerebrospinal Fluid Antibiotic Concentrations in Ventricular Shunt Infections. *Child's Brain* 4(2):74-82, 1978. (8 pages)
31. James HE, Oliff M, Mulcahy JJ: Spinal Dysraphism: A Comprehensive Diagnostic Approach. *Neurosurgery* 2:15-21, 1978. (6 pages)
32. James HE, Tsueda K, Wright B, Young AB, McCloskey J: The Effect of Positive End Expiratory Pressure Ventilation in Neurogenic Pulmonary Edema. *Acta Neurochirurgica* 43:275-280, 1978. (5 pages)
33. James HE, Schut L: Pitfalls in the Diagnosis of Arrested Hydrocephalus. *Acta Neurochirurgica*. 43:13-17, 1978. (4 pages)
34. James HE: Head and Spinal CT: Clinical Considerations. *Guidelines to the Neurosciences* 2(3):1-2, 1978. (2 pages)
35. James HE, Nyhan WL: Specialty Conference: Spinal Dysraphism: An Interdisciplinary Diagnostic Approach. *Western Journal of Medicine* 129:475-479, 1978. (4 pages)
36. Tibbs PA, James HE, Rorke LB, Schut L, Bruce DA: Midline Hamartomas Masquerading as Myelomeningoceles or Teratomas in the Newborn Infant. *Yearbook of Diagnostic Radiology*, Yearbook Medical Publishers, 1978. (Abstract) (1 page)
37. James HE: Management of Ventriculitis in the Neonate (Editorial). *Journal of Pediatrics* 92(5):854-855, 1978. (2 pages)
38. James HE, Kaiser G, Schut L, Bruce DA: Problems of Diagnosis and Treatment in the Dandy-Walker Syndrome. *Child's Brain* 5:24-30, 1979. (6 pages)
39. James HE, Madauss WC, Tibbs PA, McCloskey JJ, Bean JR: The Effect of High Dose Dexamethasone in Children with Severe Closed Head Injury. *Acta Neurochirurgica*

- 45(3-4):225-236, 1979. (11 pages)
40. James HE: Analysis of Therapeutic Modalities for Head Injured Children. *Child's Brain* 5:263-271, 1979. (8 pages)
 41. Mulcahy JJ, James HE: The Management of Neurogenic Bladder in Infancy and Childhood. *Urology* 13 (3):235-240, 1979. (5 pages)
 42. James HE, Mulcahy JJ, Walsh JW, Kaplan GW: Use of Anal Sphincter Electromyogram during Surgery on the Conus Medullaris and Sacral Nerve Roots. *Neurosurgery* 4:521-523, 1979. (3 pages)
 43. James HE, McLaurin RL, Watkins WT: Remission of Pes Cavus in Spinal Dysraphism Surgically Treated: Report of a Case. *J. Bone and Joint Surg.* 61-A(7):1096-1098, 1979. (3 pages)
 44. Harbaugh RD, James HE, Marshall LF, Shapiro HM, Laurin R: Acute Therapeutic Modalities in Experimental Vasogenic Edema. *Neurosurgery* 5(6):656-665, 1979. (9 pages)
 45. James HE, Wells M, Alksne JF, Wickbom I, Siemers P, Brahme F, Rosenberg J: Needle Biopsy Under Computerized Tomographic Control: A Method for Tissue Diagnosis in Intracranial Lesions. *Neurosurgery* 5(6):671-674, 1979. (3 pages)
 46. James HE, Harbaugh RD, Marshall LF, Shapiro H, Laurin R: Multiple Therapeutic Modalities in Experimental Vasogenic Edema. *Neurosurgery* 4:472, 1979. (Abstract) (1 page)
 47. James HE: Methodology for the Control of Intracranial Pressure with Hypertonic Mannitol. *Neurosurgery* 4:493, 1979. (Abstract) (1 page)
 48. James HE, Walsh JW, Mulcahy JJ, Kaplan GW, Oliff M: Spinal Dysraphism: A Clinical Review. *Child's Brain* 5:567, 1979. (Abstract) (1 page)
 49. Bejar R, Curbelo V, Coen RW, Gluck L, Leopold G, James HE: Ultrasound scanning of the Head of Newborn Infants as a Bedside Diagnostic Tool. *Clinical Research*, Vol.28, No.1, February 1980, pp. 121A. (Abstract) (1 page)
 50. Bejar R, Curbelo V, Coen RW, Leopold G, James HE, Saunders B, Porreco R, and Gluck L: Incidence of Intraventricular & Germinal Layer Hemorrhage (IVH/GLH) in preterm Infants Born per Vagina & C-Section. *Pediatric Research*, April 1980, pp. 629, Abstract No. 1222. (1 page)
 51. Bejar R, Curbelo V, Coen RW, Leopold G, James HE, Saunders B, Porreco R, Gluck L:

- Early Diagnosis of Intraventricular & Germinal Layer Hemorrhage (IVH/GLH) by Ultrasound. *Pediatric Research*, April, 1980, pp. 629, Abstract No. 1220. (1 page)
52. Bejar R, Curbelo V, Coen RW, Leopold G, James HE, Saunders B, Porreco R, Gluck L: Intraventricular & Germinal Layer Hemorrhage (IVH/GLH) in "Normal" Premature Infants. *Pediatric Research*, April 1980, pp. 629, Abstract No. 1221. (1 page)
53. Nuno I, Lynch F, James HE: Periappendicitis as a Complication of a Ventriculoperitoneal Shunt: A Case Report. *Pacific Association for Pediatric Surgery*, Colorado Springs, May 1980. (Abstract) (1 page)
54. James HE: Combination Therapy in Brain Edema. *Advances in Neurology*, Volume 28: Brain Edema. Eds. Cervos-Navarro J and Ferszt R, Raven Press, New York, 1980, pp. 491-501. (10 pages)
55. James HE, Harbough RD, Marshall LF, Shapiro H, Laurin R: The Response to Multiple Therapeutic Modalities in Experimental Vasogenic Edema. In *Intracranial Pressure IV*. Eds. Shulman K, Marmarou A, Miller JD, Becker DP, Hochwald GM, Brock M. Springer-Verlag, Berlin, Heidelberg Germany, 1980, pp. 272-276. (4 pages)
56. Higginbottom MD, Jones KL, James HE: Intrauterine Constraint and Craniosynostosis. *Neurosurgery* 6(1):39-44, 1980. (5 pages)
57. Higginbottom MD, Jones KL, James HE, Bruce DS, Schut L: Aplasia Cutis Congenita: A Cutaneous Marker of Occult Spinal Dysraphism. *J. Pediatr.* 96(4):687-689, 1980. (2 pages)
58. James HE: Methodology for the Control of Intracranial Pressure with Hypertonic Mannitol in *Intracranial Pressure IV*. Eds. Shulman K, Marmarou A, Miller JD, Becker DP, Hochwald GM, Brock M. Springer-Verlag, Berlin, Heidelberg Germany, 1980, pp. 653-655. (2 pages)
59. James HE: Methodology for the Control of Intracranial Pressure with Hypertonic Mannitol. *Acta Neurochirurgica* 51:161-172, 1980. (11 pages)
60. Jones KL, James HE, Fisher JC: Craniosynostosis and Craniofacial Anomalies. *Western Journal of Medicine* 132:500-506, 1980. (6 pages)
61. Bejar R, Curbelo V, Coen RW, Leopold G, James HE, Gluck L: Diagnosis and Follow Up of Intraventricular and Intracerebral Hemorrhages by Ultrasound Studies of the Infant's Brain through the Fontanelles and the Sutures. *Pediatrics* 66(5):661-673, 1980. (12 pages)
62. James HE, Walsh JW, Wilson HD, Connor JD, Bean JR, Tibbs PA: A Prospective Randomized Study of Therapy in Cerebrospinal Fluid Shunt Infection. *Neurosurgery*

- 7(5):459-463, 1980. (4 pages)
63. James HE: Cerebral Edema in Diabetic Ketoacidosis. In "Letter to the Editor", *Pediatrics* 97(5):873, 1980. (1 page)
64. James HE, Walsh JW: Spinal Dysraphism. In *Current Problems in Pediatrics*, Volume XI, Number 8. Monograph, Yearbook Medical Publishers Inc., Chicago, Illinois, June 1981. (25 pages)
65. Mulcahy JJ, James HE: Management of Urinary Incontinence in Infancy and Childhood. In *Concepts in Pediatric Neurosurgery I*, Edited by the American Society for Pediatric Neurosurgery. S. Karger, New York, 1981, pp. 216-229. (13 pages)
66. James HE, Tibbs PA: Diverse Clinical Applications of Percutaneous Lumboperitoneal Shunts. *Neurosurgery* 8(1):39-42, 1981. Also appeared in *Symposium on Shunts and Problems in Shunts*, Annual Meeting of the International Society of Paediatric Neurosurgery. Monograph, S. Karger, Basel, Switzerland, 1981. (3 pages)
67. James HE, Laurin RA: Intracranial Hypertension and Brain Oedema in Albino Rabbits. Part 1: Experimental Models. *Acta Neurochirurgica* 55:213-226, 1981. (13 pages)
68. Griswold WR, Viney J, Mendoza SA, James HE: Intracranial Pressure Monitoring in Severe Hypertensive Encephalopathy. *Critical Care Medicine* 9(8):573-576, 1981. (3 pages)
69. Millson C, James HE, Shapiro HM, Laurin R: Intracranial Hypertension and Brain Oedema in Albino Rabbits, Part 2: Effects of Acute Therapy with Diuretics. *Acta Neurochirurgica* 56:167-181, 1981. (14 pages)
70. Camp PE, James HE, Werner R: Acute Dimethyl Sulfoxide Therapy in Experimental Brain Edema. Part I: Effects of Intracranial Pressure, Blood Pressure, Blood Pressure, Central Venous Pressure, Brain Water and Electrolyte Content. *Neurosurgery* 9(1):28-33, 1981. (5 pages)
71. James HE, Walsh JW, Wilson HD, Connor JD: Management of Cerebrospinal Fluid Shunt Infections: A Clinical Experience. In *Symposium in Shunts and Problems in Shunts*, Annual Meeting of the International Society of Paediatric Neurosurgery. Monograph, S. Karger, Basel, Switzerland, 1981. Also appeared in *Acta Neurochirurgica* 59:157-166, 1981. (9 pages)
72. Bejar R, Saia S, James HE: Early Diagnosis and Treatment of Posthemorrhagic Hydrocephalus in Small Infants. *Pediatr. Res.* 15:650, 1981. (Abstract) (1 page)
73. Bejar R, Curbelo V, Coen RW, Leopold G, James HE, Gluck L: Diagnosis and Follow-Up of Intraventricular and Intracerebral Hemorrhages by Ultrasound Studies of Infant's Brain

- through the Fontanelles and Sutures. *The Yearbook of Pediatrics* 1982, pp. 43-45. (2 pages)
74. James HE, Bejar R, Coen R, Gluck L, Mannino F: Management of the High-Risk Newborn with Intracranial Hemorrhage and Progressive Hydrocephalus. In *Concepts in Pediatric Neurosurgery 2*, Edited by the American Society for Pediatric Neurosurgery. S. Karger, New York, 1982, pp. 89-103. (14 pages)
75. James HE, Wilson HD, Connor JC, Walsh JW: Intraventricular Cerebrospinal Fluid Antibiotic Concentrations in Patients with Intraventricular Infections. *Neurosurgery* 10(1):50-54, 1982. (4 pages)
76. James HE, Camp PE, Harbaugh RD, Marshall LF, Werner R: Comparison of the Effect of DMSO and Pentobarbital on Experimental Brain Edema. *Acta Neurochirurgica* 60:245-255, 1982. (10 pages)
77. Del Bigio M, James HE, Camp PE, Werner R, Marshall LF, Tung H: Acute Dimethyl Sulfoxide Therapy in Brain Edema. Part III: Effect of a Three-Hour Infusion. *Neurosurgery* 10(1):86-89, 1982. (3 pages)
78. Millson CH, James HE, Shapiro HM, Laurin R: Intracranial Hypertension and Brain Oedema in Albino Rabbits. Part III: Effect of Acute Simultaneous Diuretic and Barbiturate Therapy. *Acta Neurochirurgica* 61:271-280, 1982. (9 pages)
79. Tsuruda J, James HE, Camp PE, Werner R: Acute Dimethyl Sulfoxide Therapy in Experimental Brain Edema. Part 2: Effect of Dose and Concentration on Intracranial Pressure, Blood Pressure and Central Venous Pressure. *Neurosurgery* 10(3):355-359, 1982. (4 pages)
80. Walsh JW, James HE: Subtemporal Craniectomy and Elevation of Shunt Valve Opening Pressure in the Management of Small Ventricle-Induced Cerebrospinal Fluid Shunt Dysfunction. *Neurosurgery* 10(6):698-703, 1982. (5 pages)
81. Bejar R, Trauner D, Merritt TA, James HE, Gluck L: Neonatal Intraventricular Hemorrhage: The Dilemma of Precise Individual Prognosis. *Perinatology/Neonatology. The Journal of Maternal-Fetal and Neonatal Health Care* 6(5):107-109, 1982. (2 pages)
82. James HE, Gluck L: Diagnosis and Follow-Up of Intraventricular and Intracerebral Hemorrhages by Ultrasound Studies of the Infant's Brain through the Fontanelles and the Sutures. *1982 Yearbook of Pediatrics*, Yearbook Medical Publishers, New York, 1982, pp. 43-44. (2 pages)
83. James HE: Intrinsically Derived Deformational Secondary to Spinal Dysraphism. *Seminars in Perinatology* Vol. 7, No. 4, October, 1983, pp. 253-256. (3 pages)

84. James HE, Bejar R, Merritt A, Gluck L, Coen R, Mannino F: Management of the High Risk Newborn with Hydrocephalus Secondary to Intracranial Hemorrhage. In Annual Review of Hydrocephalus Volume 1, 1983, pp. 74-75. (2 pages)
85. James HE: The Role of Carbon Dioxide Laser in Craniosynostosis and Craniofacial Dystosis. In Concepts in Pediatric Neurosurgery 3, Edited by the American Society for Pediatric Neurosurgery. S. Karger, New York, 1983, pp. 202-206. (4 pages)
86. James HE, Cornell W, Del Biglio M, Werner R: Dimethyl Sulfoxide in Brain Edema and Intracranial Pressure. Ed. de la Torre JC. In The Annals of the New York Academy of Sciences, Sciences, 1983, pp. 253-260. (7 pages)
87. Bejar R, Saugstad O, James HE, Gluck L: Increased Hypoxanthine Concentrations in Cerebrospinal Fluid of Infants with Hydrocephalus. Journal of Pediatrics 103(1):44-48, 1983. (4 pages)
88. Tung H, James HE, Laurin R, Marshall LF: Modification of the Effect of Dimethyl Sulfoxide on Intracranial Pressure, Brain Water and Electrolyte Content by Indomethacin. Acta Neurochirurgica 68:101-110, 1983. (9 pages)
89. James HE, Scheible W, Kerber C, Hilton S: Comparison of High Resolution Real Time Ultrasonography and High Resolution Computed Tomography in an Infant with Spinal Dysraphism. Neurosurgery 13(3):301-305, 1983. (4 pages)
90. Scheible W, James HE, Leopold GR, Hilton SVW: Occult Spinal Dysraphism in Infants: Screening with High Resolution Real Time Ultrasonography. Radiology 146(3):743-746, 1983. (3 pages)
91. Tsuruda J, James HE, Werner R, Camp PE, Rasmussen G: Acute Dimethyl Sulfoxide Therapy in Experimental Brain Oedema. Effect of Dose and Concentration on Brain Water and Electrolyte Content. Acta Neurochirurgica 69:77-91, 1983. (14 pages)
92. James HE, Bejar R, Coen R, Gluck L, Mannino F: Management of the High-Risk Newborn with Intracranial Hemorrhage and Progressive Hydrocephalus. In Annual Review of Hydrocephalus. Eds. Matsumoto S, Satoh K, Oi S. Volume 1, 1983, pp. 74-75. (2 pages)
93. James HE, Tibbs PB: Diverse Clinical Applications of Lumboperitoneal Shunts. In Annual Review of Hydrocephalus. Eds. Matsumoto S, Satoh K, Oi S. Volume 1, 1983, pp. 180-181. (2 pages)
94. James HE, Walsh JW, Wilson HD, Connor JD: Prospective Randomized Study of Therapy in Cerebrospinal Fluid Shunt Infection. In Annual Review of Hydrocephalus, Eds. Matsumoto S, Satoh K, Oi S. Volume 1, 1983, pp. 217-218. (2 pages)

95. James HE, Wilson HD, Connor JD, Walsh JW: Intraventricular Cerebrospinal Fluid Antibiotic Concentrations in Patients with Intraventricular Infections. In Annual Review of Hydrocephalus. Eds. Matsumoto S, Satoh K, Oi S. Volume 1, 1983, pp. 221-222. (2 pages)
96. Walsh JW, James HE: Subtemporal Craniectomy and Elevation of Shunt Valve Opening Pressure in the Management of Small Ventricle- Induced Cerebrospinal Fluid Shunt Dysfunction. In Annual Review of Hydrocephalus. Eds. Matsumoto S, Satoh K, Oi S. Volume 1, 1983, pp. 236-237. (2 pages)
97. Sevel D, James HE, Burns R, Jones KL: The McCune-Albright Syndrome (Fibrous Dysplasia) Associated with an Orbital Tumor. Annals of Ophthalmology Volume 16, Number 3, March 1983, pp. 283-297. (14 pages)
98. James HE: Intracranial Dynamics. In Pediatric Intensive Care. Edited by E. Nussbaum, Futura Publishing Company Inc., New York, Chapter 1, 1984, pp. 5-23. (18 pages)
99. Hector E. James, M.D.: Infections associated with cerebrospinal fluid prosthetic devices. In Infection Associated Devices. Edited by B Sugarman, E. Young. CRC Press, Inc. Boca Raton, Florida, Chapter 3:23-41, 1984. (18 pages)
100. James HE: Head Injury in Infants, Children and Adolescents. In Pediatric Intensive Care, Edited by E. Nussbaum, Futura Publishing Company Inc., New York, Chapter 4, 1984, pp.55-77. (22 pages)
101. James HE: Coma in Infants, Children and Adolescents. In Pediatric Intensive Care, Edited by E. Nussbaum, Futura Publishing Company Inc., New York, Chapter 3, 1984, pp. 35-54. (19 pages)
102. James HE, Tsuruda J, Werner R, Tung H, Marshall LF: The Effect of Acute DMSO Therapy in Brain Edema and Modification of this by Indomethacin. In Proceedings of the Fifth International Symposium on Brain Edema, Plenum Press, 1984, pp. 655-664. (9 pages)
103. Barba D, James HE: The Occipital Transtentorial Approach to the Posterior Fossa in the Pediatric Patient. Child's Brain, Volume 11, 1984, pp. 145-154. (9 pages)
104. James HE, Bejar R, Merritt A, Gluck L, Coen R, Mannino F: Management of Hydrocephalus Secondary to Intracranial Hemorrhage in the High-Risk Newborn. Neurosurgery, Volume 14, Number 5, 1984, pp. 612-618. (6 pages)
105. James HE, Bejar R, Gluck L, Coen R, Merritt A, Mannino F, Bromberger P, Saunders B, Schneider H: Ventriculoperitoneal Shunts in High-Risk Newborns Under 2,000 Grams of Weight. Neurosurgery Volume 15 Number 3, 1984, pp. 198-202. (4 pages)

106. James HE: Narrowing of the Aqueduct of Sylvius. In *Anomalies of the Developing Central Nervous System*, Blackwell Scientific Publishers, Inc., Boston, Chapter 14, 1984, pp. 409-417. (18 pages)
107. James HE, Tsuruda J, Werner R, Tung H, Marshall LF: The Effect of Acute DMSO Therapy in Brain Edema and Modification of This by Indomethacin. *Recent Progress in the Study and Therapy in Brain Edema*, Edited by K.G. Go and A. Baethmann, Plenum Publishing Corporation, 1984, pp. 655-663. (8 pages)
108. James HE, Buchta R, Stein M: A Protective Helmet for Infants Who Accompany Their Parents on Bicycle. *Western Journal of Medicine*, Volume 142, No. 3, March, 1985, pp. 403. (1 page)
109. Culler FL, James HE, Simon ML, Jones KL: Identification of GnRH in Neurons of a Hypothalamic Hamartoma in a Male with Precocious Puberty. *Neurosurgery* 17, September, 1985, pp. 408-412. (4 pages)
110. James HE, Anas N, Perkin R, and Editors. *Brain Insults in Infants and Children: Pathophysiology and Management*. Grune and Stratton, 1985.
111. James HE: Choroid Plexus Papillomas. In *Neurosurgery*. Edited by R. Wilkins, S. Rengachary, McGraw-Hill Book Company, 1985, pp. 783-785. (2 pages)
112. James HE: Neurosurgery in Congenital Defects other than Hydrocephalus. In *Proceedings of the Tenth Annual Symposium of the Barrow Neurological Institute: Perinatal Neurology and Neurosurgery*, Spectrum Press, Chapter 7, 1985, pp. 111-127. (16 pages)
113. Bejar R, Coen RW, Ekpoidia I, James HE, Gluck L: Real Time Ultrasound Diagnosis of Hemorrhagic Pathology in the Posterior Fossa of Preterm Infants. *Neurosurgery*, Volume 16, No. 3, 1985, pp. 281-289. (8 pages)
114. James HE, Brock W, Kaplan G: Radical Removal of Lipomas of the Conus and Cauda Equina with Laser Microneurosurgery. *Neurosurgery*, Volume 15, No. 3, 1985, pp. 340-343. (3 pages)
115. Robinson LK, James HE, Mubarak SJ, Allen EJ, Jones KL: The Carpenter Syndrome: Natural History and Clinical Spectrum. *American Journal of Medical Genetics* 20:461-469, 1985. (8 pages)
116. Tiznado E, James HE, Kemper C: Experimental Carbon Dioxide Laser Brain Lesions and Intracranial Dynamics-Part I: Effect on Intracranial Pressure, Systemic Arterial Pressure, Central Venous Pressure, Electroencephalography and Gross Pathology. *Neurosurgery*

- Volume 16, No. 1, 1985, pp. 5-8. (3 pages)
117. James HE, Buchta R, Stein M: A Multipurpose Infant Helmet. *Concepts Ped. Neurosurg.* Volume 5, 1985, pp. 41-47. (6 pages)
 118. James HE: Head Injuries in Children. *Conn's Current Therapy*, WB Saunders Company, 1985, pp. 787-789. (2 pages)
 119. Myers R, James H, Powell H: Laser Injury of Peripheral Nerve - A Model for Focal Endoneurial Damage. *Neurology, Neurosurgery and Psychiatry* 48:1265-1268, 1985. (3 pages)
 120. Tiznado E, James HE, Moore S: Experimental Carbon Dioxide Laser Brain Lesions and Intracranial Dynamics: Part 2- Effect on Brain Water Content and its Response to Acute Therapy. *Neurosurgery* Volume 16, No. 4, 1985, pp. 454-457. (3 pages)
 121. James HE, Edwards M: Systematic Staging of Brain Tumors in Children. Craniopharyngiomas, Atypical Teratomas and Teratoid Tumors of the Suprasellar Region (germinoma) and Intracranial Teratomas. In *Cancer* 56(7), 1985, pp. 1800-1803. (3 pages)
 122. James HE, Alksne JF, Harris J, Luerssen TG: Operative Approaches to the Sellar and Perisellar Region in Pediatric Neurosurgery. In *Concepts in Pediatric Neurosurgery VI*, 1985, pp. 37-51. (4 pages)
 123. James HE: Therapy Directed Diagnosis in Coma. In *Brain Insults in Infants and Children: Pathophysiology and Clinical Aspects*. Ed. HE James, Grune and Stratton Publishers, Chapter 14, 1985, pp 169-172. (3 pages)
 124. Trauner DA, James HE: Evaluation of Coma. In *Brain Insults in Infants and Children: Pathophysiology and Clinical Aspects*. Ed. HE James, Grune and Stratton Publishers, Chapter 15, 1985, pp. 173-177. (4 pages)
 125. James HE, Trauner DA: The Glasgow Coma Scale. In *Brain Insults in Infants and Children: Pathophysiology and Clinical Aspects*. Ed. HE James, Grune and Stratton Publishers, Chapter 16, 1985, pp. 179-182. (3 pages)
 126. James HE: Evaluation of Head Injury in Reference to Therapy. In *Brain Insults in Infants and Children: Pathophysiology and Clinical Aspects*. Ed. HE James, Grune and Stratton Publishers, Chapter 23, 1985, pp. 237-243. (6 pages)
 127. James HE: Diuretic Therapy for Intracranial Hypertension. Management of Pediatric Head Injuries and Intracranial Pressure. In *Brain Insults in Infants and Children: Pathophysiology and Clinical Aspects*. Ed. HE James, Grune and Stratton Publishers,

- Chapter 26, 1985, pp. 263-269. (6 pages)
128. Albright L, James HE: Neurosurgical Staging of Midline Intra-Axial (Nuclear) Tumors. *Cancer* Vol. 56. No. 7, 1985, pp. 1786-1788. (2 pages)
129. James HE, Bejar L, Gluck R, Coen A, Merritt F, Manino P, Saunders B, and Schneider H: Ventriculoperitoneal Shunts in High Risk Newborns Weighing under 2000 Grams: A Clinical Report. In *Annual Review of Hydrocephalus* 1985, pp. 103-104. (Abstract) (1 page)
130. James HE, Bejar R, Merritt A, Gluck L, Coen R, Mannino F: Management of Hydrocephalus Secondary to Intracranial Hemorrhage in the High Risk Newborns. In *Annual Review of Hydrocephalus* 1985, pp. 155. (Abstract) (1 page)
131. James HE: Neurologic Evaluation and Support in the Child with an Acute Brain Insult. *Pediatric Annals* 15:1, January 1986, pp. 16-22. (6 pages)
132. James HE: Narrowing of the Aqueduct of Sylvius. In *Anomalies of the Developing Central Nervous System*. Eds. HJ Hoffman and F Epstein, Blackwell Scientific Publications, 1986, pp. 247-253. (6 pages)
133. Myers R, James HE, Powell H: Laser Injury of Peripheral Nerve - A Model for Focal Endoneural Damage. *Neurology, Neurosurgery and Psychiatry* 48:1265-1268, 1986. (3 pages)
134. Gilbert JN, Jones KL, Rorke LP, James HE, Chernoff GF: Associated CNS Anomalies with Meningomyelocele, Hydrocephalus and the Arnold-Chiari Malformation. *Neurosurgery* 18:559-564, 1986. (5 pages)
135. Tiznado E, James HE, Moore S: The Effects of Acute High Dose Fentanyl Administration on Experimental Brain Edema. Analysis of Intracranial Pressure, Systemic Arterial Pressure, Central Venous Pressure and Brain Water Content. *Pharmacology, Biochemistry and Behavior* 24:785-789, 1986. (4 pages)
136. Boynton BR, Boynton CA, Merritt TA, Vaucher Y, James HE, Bejar R: Ventriculoperitoneal Shunts in Low Birth Weight Infants with Intracranial Hemorrhage: Neurodevelopmental Outcome. *Neurosurgery* 18:141-145, 1986. (4 pages)
137. James HE, Wiley CA, Schneider S: The Effect of Carbon Dioxide Laser Irradiation on Cranial Bone Healing: An Experimental Study. *Child's Nervous System* 2:248-251, 1986. (3 pages)
138. Tung H, James HE, Drummond JC, Moore S: An Experimental Study on the Effects of DMSO and Indomethacin on Cerebral Circulation and Intracranial Pressure. *Brain*

- Research Bulletin 17:391-393, 1986. (2 pages)
139. James HE, Schneider S, Tiznado EG, Moore S: Vasogenic Brain Edema and Intracranial Pressure in Experimental Carbon Dioxide Brain Lesions. In *Intracranial Pressure VI*. Eds. Miller JD, Teasdale GM, Rowan JO, Galbraith SL, Mendelow AD. Springer-Verlag, Berlin, Heidelberg, New York, 1986, pp. 1986. (1 page)
140. James HE, Schneider S, Bhasin S: Experimental Carbon Dioxide Laser Brain Lesions and Intracranial Dynamics: Part 3. Effect on Cerebral Blood Flow. *Neurosurgery* 20:219-221, 1987. (2 pages)
141. James HE: Intracranial and Intraventricular Hemorrhage in the Preterm Infant. State of the Art Review. Eds. Hanley S. Belfus Publishers, Philadelphia, 1:105-115, 1987. (10 pages)
142. James HE, Boynton BR, Boynton CA, Merritt TA, Vaucher YE, Bejar BE: Severe Intracranial Hemorrhage and Hydrocephalus in Low-Birth Weight Infants treated with CSF Shunts. *Child's Nervous System* 3:110-113, 1987. (3 pages)
143. James HE, Bejar R, Merritt TA, Mannino I, Vaucher YE, Coen R: Insidious Hydrocephalus in the Preterm Newborn Following Discharge from the Nursery. *Pediatric Neurosciences* 13:129-134, 1987. (5 pages)
144. Villegas-Camango I, Maldonado-Rayas J, Esguerra-Leyva F, Hurtado-Montalvo JA, Ruiz-Macias CM, James HE: Complicacion de Derivacion Ventriculo-Auricular para Tratamiento de la Hidrocefalia. Informe de un caso poco usual. *Boletin Medico Hospital Infantil de Mexico* 44:112-115, 1987. (3 pages)
145. James HE: Laser Surgery in Congenital Abnormalities. In *Lasers in Neurosurgery*. Eds. Robertson JH, Clark WC. Kluwer Academic Publishers, Austin, Texas, 1988, pp. 145-157. (12 pages)
146. Gilbert JN, Rorke LB, James HE, Jones KL, Chernoff GF: The Pathological Basis for Failure of Surgery to Relieve the Symptomatic Arnold-Chiari Malformation. In *Concepts in Pediatric Neurosurgery*. Krager Basel, Volume 8, 1988, pp. 70-75. (5 pages)
147. Bromberger P, James HE, Saunders B, Schneider H: Sudden Infant Apnea and Insidious Hydrocephalus. *Child's Nervous System* 4:241-243, 1988. (2 pages)
148. James HE, Schneider S, Bhasin S, Luerssen TG: Experimental Cerebral Edema, Isotonic Intravenous Infusions, Mannitol, Serum, Osmality, Electrolytes, Brain Water, Intracranial Pressure and Cerebral Blood Flow. In *Intracranial Pressure VII*. Eds. Hoff J, Betz AL. Springer-Verlag, Berlin, Heidelberg, New York, 1989, pp. 459-462. (3 pages)

149. Nowak TP, James HE: Migraine Headaches in Hydrocephalic Children: A Diagnostic Dilemma. *Child's Nervous System* 5:310-314, 1989. (4 pages)
150. James HE: Intracranial Dynamics. In *Pediatric Intensive Care*. Ed. E. Nussbaum, Futura Publishing Company, Inc., Mt. Kisco, New York, Second Edition, Chapter 1, 1989, pp. 3-13. (10 pages)
151. James HE: Coma in Infants, Children and Adolescents. In *Pediatric Intensive Care*. Ed. E. Nussbaum, Futura Publishing Company, Inc., Mt. Kisco, New York, Second Edition, Chapter 3, 1989, pp. 25-37. (12 pages)
152. James HE: Head Injury in Infants, Children and Adolescents. In *Pediatric Intensive Care*. Ed. E. Nussbaum, Futura Publishing Company, Inc., Mt. Kisco, New York, Second Edition, Chapter 4, 1989, pp. 39-54. (15 pages)
153. James HE: Encephalocele, Dermoid Sinus and Arachnoid Cyst. In *Pediatric Neurosurgery: Surgery of the Developing Nervous System*. Eds. McLaurin RL, Schut L, Venes JL, Epstein F, W. B. Saunders Company, Philadelphia, 1989, pp. 97-106. (9 pages)
154. James HE: The Spectrum of the Syndrome of the Isolated Fourth Ventricle in Posthemorrhagic Hydrocephalus of the Premature Born. *Pediatric Neurosurgery* 1990-1991:305-308. (3 pages)
155. James HE: Head Injury. In *A Practical Guide to Pediatric Intensive Care*. Ed. JL Blumer, Mosby Yearbook, St. Louis, Third Edition, Chapter 35, 1990, pp. 234-239. (5 pages)
156. James HE: Spinal Cord Injury. In *A Practical Guide to Pediatric Intensive Care*. Ed. JL Blumer, Mosby Yearbook, St. Louis, Third Edition, 1990, pp. 246-249. (5 pages)
157. Bailey W, Freidenberg GR, James HE, Hesselink JR, Jones KL: Prenatal Diagnosis of a Craniopharyngioma Using Ultrasonography and Magnetic Resonance Imaging. *Prenatal Diagnosis* 10:623-629, 1990. (6 pages)
158. James HE, Schneider S: Cryogenic Brain Edema: Loss of Cerebrovascular Autoregulation as a Cause of Intracranial Hypertension. Implications for Treatment. In *Brain Edema VIII*. Eds. HJ Reulen et.al., Springer-Verlag, New York, Eighth Symposium, 1990, pp. 78-81. (3 pages)
159. James HE: Spinal Cord Injury. In *A Practical Guide to Pediatric Intensive Care*. Ed. JL Blumer, Mosby Yearbook, St. Louis, Third Edition, 1990, pp. 246-249. (3 pages)
160. James HE: The Spectrum of Treatment for Shunt Infections: The Role of the Type of Hydrocephalus and the Bacterial Contaminant in the Therapeutic Approach. In *Concepts in Pediatric Neurosurgery #9*, S. Karger Publisher, 1991, pp. 54-59. (5 pages)

161. Duffner P, Horowitz M, Krischer J, Kun L, Cohen M, Friedman H, Sanford A, Burger P, Freeman C, James HE: Postoperative Chemotherapy and Delayed Radiotherapy in Infants with Brain Tumors: A Pediatric Oncology Group Study. *Annals of Neurology* 30:484, 1991. (Abstract) (1 page)
162. James HE: Hydrocephalus in Infancy and Children: A Clinical Review. *American Family Physician* 45:733-742, 1992. (9 pages)
163. James HE, Nowak TP: The Clinical Course and Diagnosis of Migraine Headaches in Hydrocephalic Children. *Pediatric Neurosurgery* 17:310-316, 1992. (6 pages)
164. Rogers NL, James HE: The Third Dimension in Pediatric Neurosurgery: Advanced 3-D Systems. *Child's Nervous System* 8:170, 1992. (Abstract) (1 page)
165. Weyerts LK, Jones MC, James HE: Paraplegia and Congenital Contractures: A Possible Consequence of Intrauterine Trauma. *American Journal of Medical Genetics* 43:751-752, 1992. (2 pages)
166. Chestnut R, James HE, Jones KL: The VATER Association and Spinal Dysraphia. *Pediatric Neurosurgery* 18:144-148, 1992. (4 pages)
167. James HE, Nowak TP: The Clinical Course and Diagnosis of Migraine Headaches in Hydrocephalic Children. *Child's Nervous System* 8:170, 1992. (Abstract) (1 page)
168. James HE: Spectrum of the Syndrome of the Isolated IV Ventricle in Posthemorrhagic Hydrocephalus of the Premature Infant. In *Annual Review of Hydrocephalus*. Eds. Matsumoto S, Sato K, Tamaki N, Oi S, Volume X, 1992. (Abstract) (1 page)
169. James HE: Head Trauma. In *Textbook of Pediatric Critical Care*. Ed. Holbrook PR, WB Saunders Publishers, Chapter 21, 1993, pp. 201-208. (7 pages)
170. James HE, Schneider S: Effects of Acute Isotonic Saline Administration on Serum Osmolality, Serum Electrolytes, Brain Water Content and Intracranial Pressure. *Acta Neurochirurgica Supplement* 57:89-93, 1993. (4 pages)
171. Courchesne E, Townsend JP, Akshoomoff NA, Yeung-Courchesne R, Press GA, Murakami JW, Lincoln AJ, James HE, Saitoh O, Egaas B, Haas RH, Schreibman L: A New Finding: Impairment in Shifting Attention in Autistic and Cerebellar Patients. In: *Atypical Cognitive Deficits in Developmental Disorders: Implications for Brain Functions*. Sarah H Broman and Jordan Grafman, Editors. Lawrence Erlbaum, Associates, Publishers, Hillsdale, New Jersey, 101-137, 1994. (37 pages)

172. Duffner PK, Horowitz ME, Krischer JT, Friedman HS, Burger PC, Cohen ME, Sanford RA, Mulhern RK, James HE, Freeman CR, Seidel FG, Kun LE: Postoperative Chemotherapy and Delayed Radiation in Children Less Than Three Years of Age with Malignant Brain Tumors: A Pediatric Oncology Group Study. *New England Journal of Medicine* 328:1725-1731, 1993. (7 pages)
173. James HE: Emergency Management of Acute Coma in Children. *American Family Physician* 48:473-478, 1993. (6 pages)
174. James HE: The Management of Head Injury in Children. *Neurosurgery Quarterly* 3(4):272-282, 1993. (11 pages)
175. James HE: Multi-modality Monitoring and Risk Factor Evaluation in Pediatric Head Injuries. *Critical Reviews in Neurosurgery* 3:361-366, 1994. (6 pages)
176. James HE, Chestnut R, Krous H, Billman G, Jones KL, Jones M: Distal Spinal Cord Pathology in the VATER Association. *Journal of Pediatric Surgery*. 29:1501-1503, 1994. (3 pages)
177. Budorick NE, Pretorius DH, McGahan JP, Grafe NR, James HE, Slivka J: Cephalocele Detection in Utero: Sonographic and Clinical Features. *Ultrasound in Obstetrics and Gynecology* 5:77-85, 1995. (9 pages)
178. Duffner PK, Kun LE, Burger PC, Horowitz ME, Cohen ME, Sanford RA, Krischer JP, Mulhern RK, James HE, ReKate HL, Friedman HS: Postoperative Chemotherapy and Delayed Radiation in Infants and Very Young Children with Choroid Plexus Carcinomas. *Pediatric Neurosurgery* 22:189-196, 1995. (8 pages)
179. Meltzer H, James HE, Trauner D, Katz R: Syringomyelia of the Distal Spinal Cord in Children. *Pediatric Neurosurgery* 22:248-250, 1995. (Original manuscript - 3 pages)
180. Caesar RE, Scherz H, Bradley J, James HE: Cerebrospinal Fluid Shunt Infections Secondary to Escherichia Coli Bacteriuria. *Urology* 44:288-290, 1994. (Case report - 3 pages)
181. James HE, Bruce DA: "Ventriculoperitoneal Shunts for Hydrocephalus: A Focus Group Discussion on the Selection of Shunt Systems in Pediatrics". *Child's Nervous System* 11:449-452, 1995. (4 pages)
182. James HE: Ultrasonic Brain and Spinal Cord Imaging in Pediatric Neurosurgery. In *Neurosurgery*. Editors: R. H. Wilkins and S. S. Rengachary, Second Edition: McGraw-Hill Publishers, 1996. pp. 247-252, (book chapter, 3 pages).
183. Chesnut R, James HE, Jones KL: The VATER Association and Spinal Dysrrhaphia. In:

- Annual Reviews of Hydrocephalus. Eds. Raimondi AJ, Matsumoto S. Vol 11:279, 1993. (Abstract) (1 page)
184. James HE: Choroid plexus papillomas. In: Neurosurgery. Robert H. Wilkins and Setti S. Rengachary, Editors. Chapter 171: 1741-1743, 1996 (3 pages).
185. James HE, Canty TG: " Human Tails and Associated Spinal Anomalies ". Clinical Pediatrics 34:5. 286-288, 1995 (3 pages).
186. Brain Edema X. Editors: James HE, Marshall LF, Reulen HJ, Baethmann A, Marmarou A, Ito U, Hoff JT, Kuroiwa T, and Czernicki Z. *Acta Neurochirurgica*, Supplement 70. SpringerWienNewYork,1997. (298 pages)
187. Meyer SH, Morris GF, Pretorius DH, James HE: Terminal myelocystocele: Important differential diagnosis in the prenatal assessment of spina bifida. Journal of Ultrasound in Medicine 17:193-197, 1998 (5 pages).
188. James, HE, Murphy KG: The surgical isolation bubble system and patient temperature during ventriculoperitoneal shunt insertions in pre-term and term newborn infants. Child's Nervous System 14:26-29, 1998. (4 pages).
189. James HE: Follow-up of children with shunted hydrocephalus. Pediatric Neurosurgery 28:327-1998. (Letter to the Editor- one page).
190. James HE: Pediatric Head Injury: What is Unique and Different. In Current Progress in the Understanding of Secondary Brain Damage from Trauma Ischemia. Editors: A. Baethmann, N. Plesnila, F. Ringel, J. Eriskat. Springer, New York. *Acta Neurochirurgica* (Supple) 73: 85-88, 1999. (4 pages)
191. James HE: Head injury in children. Fortschritte in der Neurotraumatologie und klinischen Neuropsychologie 3:3-12, 1999. (10 pages).
192. Co-Author: Practice Parameter, American Academy of Pediatrics: The Management of Minor Closed Head Injuries in Children, Participant as member of the Subcommittee on Management of Minor Head Injury, Pediatrics: 104:1407-1415, 1999.
193. James HE, Brant A: Decompressive craniectomy and cervical laminectomy without durotomy. Child's Nervous System 15:416, 1999. (Abstract)
194. James, HE: Pediatric Head Injury B Differences from and Similarities with that in Adults. Restorative Neurology and Neuroscience XVI (3, 4), 183, 2000 (Abstract)
195. Murphy K, Bradley J, James HE: The treatment of candida albicans shunt infections. Child's Nervous System 16: 4-7, 2000. (4 pages)

196. Mendelow AD, Baethmann A, Czernicki Z, Hoff JT, Ito U, James HE, Kuroiwa T, Marmarou A, Marshall LF, Reulen HJ (editors): Brain Edema XI Acta Neurochirurgica Supplement 76,2000 (572 pages)
197. Mahoney DH, Cohen ME, Friedman HS, Kepner JL, Gemer L, Langston JW, James HE, Duffner PK, Kun LE: Carboplatin is effective therapy for young children with progressive optic pathway tumors: A Pediatric Oncology Group Phase II study. *Neuro-oncology* 2:213-220, 2000 (7 pages).
198. Brant AJ, James HE, Tung H: Cutaneomeningospinal angiomas (Cobb Syndrome) with tethered cord. *Pediatric Neurosurgery* 30:93-95, 1999 (3 pages).
199. James HE, Brant A: Treatment of the Chiari malformation with bone decompression without durotomy in children and young adults. *Child's Nervous System* 18:202-206, 2002 (5 pages).
200. Tibbs PA, James HE, Rorke LB, Schut L, Bruce DA: Midline hamartomas masquerading as myelomeningoceles or teratomas in the newborn infant. *Journal of Pediatrics* 89:928-933, 1976 (6 pages).
201. James HE: Acute head injuries in children. In: *Conn's Current Therapy* 2003, pages 1043-1046 (4 pages).
202. Persing J, James H, Swanson J, Kattwinkel J: Prevention and management of positional skull deformities in infants. *American Academy of Pediatrics, Clinical Report, Guidance for the Clinician in Rendering Pediatric Care. Pediatrics*: 112:199-202, 2003 (4 pages).
203. James HE: Aggressive Management of CSF shunt infection in children: Intraventricular and intravenous treatment for twelve or less days. *Child's Nervous System*, 21:827-828, August 2005. (Abstract)
204. James HE, Lubinsky G: Terminal Myelocystocele. *J. Neurosurg.* 103:443-445, 2005. (3 pages)
205. James HE: Postoperative neurosurgical intensive care. *Pediatric Critical Care. 3rd Ed.* Editors: Fuhrman BP, Zimmerman J. Mosby, Elsevier, Publishers. 2006. pp 846-854. (9 pages)
206. James HE, Postlethwait R: Primary treatment with temporary subcutaneous peritoneal shunts for postoperative cerebrospinal fluid fistulas. *Journal of Neurosurgery (5 Suppl Pediatrics)* 104:299-301, 2006. (3 pages)
207. James HE: The effect of intravenous fluid replacement on the response to Mannitol in experimental cerebral edema: Analysis of intracranial pressure, serum osmolality, serum

- electrolytes, and brain water content. *Acta Neurochirurgica* 96:125-129, 2006 (five pages)
208. Postlethwait R, James HE: Temporary subcutaneous peritoneal shunts for the treatment of cerebrospinal fluid fistulas following operations on the spine for congenital anomalies. *Cerebrospinal Fluid Research* 2006;3(1): S51 (abstract).
210. James HE. Chiari Malformation Type I. *J Neurosurg (2 Suppl Pediatrics)* 107:184, 2007. (Letter to Editor) (1 page).
211. James HE, Postlethwait RA. Spinal Peritoneal Shunts for Conditions Other than Hydrocephalus and Pseudotumor Cerebri: A Clinical Report. *Pediatr Neurosurg* 43(6):456-460, 2007. (4 Pages)
212. James HE. Relevance of Surgical Strategies for the Management of Pediatric Chiari Type I Malformation. *Childs Nerv Syst* 2007;23(12):1353. Epub 2007 Sep 20.
213. James HE, Bradley JS. Aggressive Management of Shunt Infection: Combined Intravenous and Intraventricular Antibiotic Therapy for Twelve or Less Days. *Pediatr Neurosurg* 44(2):104-111,2008. (8 pages)
214. James HE, Bradley JS. Management of Complicate Shunt Infections: A Clinical Report. *J Neurosurg Pediatrics* 1(3):223-228, 2008.
215. Aldana PR, James HE, Postlethwait RA. Ventriculogallbladder shunts in pediatric patients. *J Neurosurg Pediatrics* 1(4):284-287, 2008. (4 pages)
216. Aldana PR, Postlethwait RA, Munson P, Roy S, James HE. Ultrasonic Welding in a Bioresorbable Implant System: Uses in Pediatric Neurosurgery. *J Neurosurg Pediatrics* 1(4):A352, 2008.