

RENATTA J. OSTERDOCK, M.D.

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DATE OF BIRTH June 6, 1969
Heidelberg, Germany

EDUCATION University of Tennessee, LeBonheur Children's Hospital,
Memphis, Tennessee, 7/1/00-6/30/01
Fellowship in Pediatric Neurosurgery

Tulane University, New Orleans, Louisiana, 7/1/95-6/30/00
Resident in Neurological Surgery

University of Virginia, Charlottesville, Virginia, 7/1/97-9/30/97
Clinical Fellow in Pituitary Surgery

Harvard University, Boston, Massachusetts, 4/1/98-6/30/98
Clinical Fellow in Pediatric Neurosurgery

Tulane University, New Orleans, Louisiana, 7/1/94-6/30/95
Internship in General Surgery

Northwestern University, Chicago, Illinois, 1990-1994
Doctor of Medicine
Honors Program in Medical Education

Northwestern University, Chicago, Illinois 1987-1990
Bachelor of Arts in Political Science with Honors
Honors Program in Medical Education

LICENSURE Colorado

**BOARD
CERTIFICATION** Board Certified
American Board of Neurological Surgeons, 2006
American Board of Pediatric Neurological Surgeons, 2006

HOSPITAL Presbyterian/ St. Lukes Medical Center

APPOINTMENT Rose Medical Center

**ACADEMIC/
ADMINISTRATIVE
APPOINTMENTS** Chief, Pediatric Neurosurgery 12/01-8/07
 Department of Neurosurgery
 Loma Linda University Medical Center & Children’s Hospital

 Medical Director
 Pediatric Neuroscience Center
 Loma Linda University Children’s Hospital

**SOCIETIES AND
ORGANIZATIONS** Pi Sigma Alpha, Political Science Honor Society
 American Association of Neurological Surgeons
 Congress of Neurological Surgeons
 American Society of Radiologic Technologists

**HONORS AND
AWARDS** Girl Scouts of America, Woman of Distinction, 2007
 Centennial Vanguard Award, Loma Linda University, 2006
 Resident of the Year, Charity Hospital, Tulane University, 2000
 William Montgomery McGovern Award for Academic
 Strength and Campus Leadership, 1990
 NASA Research Award, 1987
 Navy National Distinguished Award, 1987
 Air Force Outstanding Achievement Award, 1987
 Society for Women Engineers Award, 1987

COMMITTEES Loma Linda University Children’s Hospital Executive Committee
 Loma Linda University Children’s Hospital Steering Committee
 Loma Linda University Medical Center East Campus Medical
 Advisory Committee for Inpatient Rehabilitation
 Medical Education Speaker’s Network
 Loma Linda University Medical Center
 Pediatric Trauma Q.I. Committee
 ThinkFirst National Injury Prevention Foundation
 Credentials Committee, Charity Hospital 7/99-6/00

**COMMUNITY
SERVICE** Kiwanis International, Loma Linda Chapter, 2001- 2008
 Exceeding Expectations, 2005-2008
 Mentoring program for child athletes
 Women in Surgery, Loma Linda University
 Mentoring program for female medical students
 Big Hearts for Little Hearts Loma Linda Guild

MISSIONARY Voluntary medical mission, Khon Khaen, Thailand

WORK

7/1/01 – 10/15/01

Project Vietnam
10/29/05 – 11/13/05

Spasticity Management, Concepcion, Chile
12/2015

HOBBIES

Triathlon- Completed Ironman Arizona
Cycling, scuba diving, rock climbing, kayaking, hiking
Photography, landscaping,

CURRENT RESEARCH

Novel Endoscopic Technique for Correction of Sagittal Synostosis

Development of new products for treatment of positional plagiocephaly.

PUBLICATIONS

Ashwal, S, Holshouser, B, Tong, K, Serna, T, **Osterdock R**, Gross, M, Kido D. Proton MR Spectroscopy Detected Glutamate/Glutamine is Increased in Children with Traumatic Brain Injury. J Neurotrauma. 2004 Nov; 21(11:1539-52

Ashwal, S, Holshouser, B, Tong, K, Serna, T, **Osterdock R**, Gross, M, Kido D. Proton Spectroscopy Detected Myoinositol in Children with Traumatic Brain Injury. Pediatric Research 2004; 56, 4:630-8

Tong, K.A., Ashwal S, Holshouser, B.H., Nickerson, J.P, Wall, C.J, Shutter, L.A., **Osterdock R.J**, Haacke, E.M., Kido, D. Diffuse Axonal Injury in Children: Clinical Correlation with Magnetic Resonance Imaging Hemorrhagic Lesions. Ann Neurol 2004; 56:1

Ashwal, S, Holshouser, B.H, Tong, K.A., Serna, T., **Osterdock, R.J.**, Gross, M. Proton MR spectroscopy-detected Glx is increased in children with TBI. Eur J Paediatr Neurol 2003; 7: 288.

Ashwal, S, Holshouser, B.H, Tong, K.A., Serna, T., **Osterdock, R.J.**, Gross, M. Proton MR spectroscopy-detected myoinositol is increased in children with TBI and correlates with neurologic outcome. Eur J Paediatr Neurol 2003; 7: 305-306.

Ashwal, S, Holshouser, B.H., Tong, K.A., Serna, T., **Osterdock, R.J.**, Gross, M.: Glutamate/Glutamine detected by proton magnetic resonance spectroscopy is increased in children with traumatic brain injury. Annals of Neurology 54, Suppl. 7: S128, 2003

Ashwal, S, Holshouser, B.H., Tong, K.A., Serna, T., **Osterdock, R.J.**, Gross, M.: Proton Magnetic Spectroscopy – Detected myoinositol is increased in children with traumatic brain injury and correlates with neurologic outcome. *Annals of Neurology* 54, Suppl. 7: S153, 2003

Osterdock, R.J. Clinical Evaluation and management of spasticity. Book Review. *Journal of Neurosurgery* 98: 2003.

Greene, S. A., **Osterdock, R.J.**, Amedee, R., Crawford, B.E., Mascott, C.R.: Primary myxoma of the temporal bone in a 17-year old boy: Case Report. *Neurosurgery* 48: 945-948, 2001

Heffez, D.S., **Osterdock, R.J.**, Alderete, L., Grutsch, J.: The effect of incomplete patient follow-up on the reported results of AVM radiosurgery. *Surgical Neurology* 49:373-81, 1998.

Cerullo, L.J., **Osterdock, R. J.**, Grutsch, J.: Recurrence of vestibular schwannoma in surgical patients where preservation of facial and cochlear nerve is the first priority. *Br J of Neurosurgery* 12:547-552, 1998.

Cerullo, L.J., **Osterdock, R. J.**, Grutsch, J.: Growth of recurrent vestibular schwannomas in patients in whom the preservation of cranial nerve function is routine. *J. Neurosurgery* 78:349A, 1993.

Cerullo, L. J., Grusch, J., Heiferman, K., **Osterdock, R. J.**: The preservation of hearing and facial nerve function in a consecutive series of unilateral vestibular nerve schwannoma surgical patients. *Surgical Neurology* 39:485-493, 1993.

BOOK CHAPTERS Walsh, J.W., **Osterdock, R.J.**, Lipomyelomeningocele, *Youman's Neurological Surgery-5th Edition*, Ch. 7.4.3. 2001.

Boop, FA, **Osterdock, R.J.** Sagittal Synostosis, *Wilkin's and Regencharly Neurosurgery*

PRESENTATIONS Heinrich C., Ray A., **Osterdock, R.** Separation of Craniopagus Twins. ISCFs 11th Biennial International Conference, Queensland Australia. September 11-14, 2005,

Armin, S., **Osterdock, R.** Role of modern imaging in separation of craniopagus twins. Congress of Neurological Surgeons Annual Meeting, Boston MA October 8-13, 2005

Ashwal, S., Holshouser, B., Tong, KA, Serna, T., **Osterdock, R.**, Gross, M. Proton MR spectroscopy-detected Glx is increased in children with TBI. 5th International Congress of the European Pediatric Neurology Society October 22-25, 2003

Ashwal, S, Holshouser, B, Tong, KA, Serna, T, **Osterdock, R**, Gross M. Proton MR spectroscopy-detected myoinositol is increased in children with TBI and correlates with neurologic outcome. 5th International Congress of the European Pediatric Neurology Society, October 22-25, 2003

Honeycut, H.J., **Osterdock, R.J.**, Dudley, B.W., Boop, F.A., Sanford, R.A. Radiology Pitfalls of Pediatric Ependymoma. 30th Annual Meeting of the AANS and CNS on Pediatric Neurosurgery, December, 2001.

Osterdock, R.J., Herron, D.E., Heideman, R.L., Sanford, T.A., Kun, L.E., Pediatric dorsally exophytic brainstem gliomas: value of aggressive surgical resection. AANS Annual Meeting April, 2001.

Osterdock, R.J., Sanford, R.A., Merchant, T.E., Pediatric Ependymoma (40 in 36 months). AANS Annual Meeting, April 2001

Osterdock, R.J., Herron, D.E., Heideman, R.L., Sanford, T.A., Kun, L.E., Pediatric dorsally exophytic brainstem gliomas: value of aggressive surgical resection. Pediatric Neurological Surgery Annual Meeting, December 2000.

Osterdock, R.J., Sanford, R.A., Merchant, T.E., Pediatric Ependymoma (40 in 36 months). Pediatric Neurological Surgery Annual Meeting, December 2000.

Osterdock, R.J. Einhaus, S.L., Muhlbauer, M., Boop, F., Sanford, R.A., Infection rates in treatment of loculated hydrocephalus with endoscopic fenestration. Pediatric Neurological Surgery Annual Meeting, December 2000.

Osterdock, R.J., Williams, W.K., Dinh, D.H.: Morphologic evaluation of the cervical spine. American Association of

Neurological Surgeons Scientific Program, New Orleans, LA, April 1999.

Richardson, D., **Osterdock, R.J.:** Brainstem stimulation for intractable paraplegic pain. American Association of Neurological Surgeons Scientific Program, New Orleans, LA, April 1999.

Walsh, J.W., **Osterdock, R.J.,** Bennett, J.: Spinal deformity with neurological impairment in children. American Society of Pediatric Neurosurgeons, St. Croix, February 1999.

Osterdock, R.J., Walsh, J.W., Bennett, J.: Spinal deformity with neurological impairment in children. Louisiana Neurosurgical society, New Orleans, LA, January 1999.

Osterdock, R.J., Goumnerova, L., Ganglion cell tumor of the cerebellum with extensive involvement of the cervicothoracic spinal cord. Joint Section on Pediatric Neurological Surgery, Indianapolis, IN, December 1998.

Dinh, D.H., Ferarra, J.J., **Osterdock, R.J.:** Laparoscopic spinal fusion. Congress of Neurological Surgeons, New Orleans, LA, October 1997.

Heffez, D.S., **Osterdock, R.J.,** Alderete, L., Grutsch, J.F., Helenowski, T.K., Cerullo, L.J.: The published results of AVM radiosurgery are statistically biased. AANS Scientific program, April 1996.

Heffez, D.S., **Osterdock, R.J.,** Alderete, L., Grutsch, J.F., Helenowski, T.K., Cerullo, L.J.: The impact of poor patient follow-up on the results of AVM radiosurgery. Joint Section on Cerebrovascular Surgery of the AANS and CNS, San Antonio, Texas, January, 1996.

Heffez, D.S., **Osterdock, R.J.,** Alderete, L., Grutsch, J.F., Helenowski, T.K., Cerullo, L.J.: Predicting patient compliance with follow-up after AVM radiosurgery. The Fourth International Workshop on Cerebrovascular Surgery, Chicago, Illinois, June 1995.

Heffez, D.S., **Osterdock, R.J.,** Alderete, L., Grutsch, J.F., Helenowski, T.K., Cerullo, L.J.: Predicting patient compliance

with follow-up after AVM radiosurgery. Neurosurgical Society of America and the AANS, June 1995.

Heffez, D.S., **Osterdock, R.J.**, Alderete, L., Grutsch, J.F., Helenowski, T.K., Cerullo, L.J.: Predicting patient compliance with follow-up after AVM radiosurgery. Richard Lende Winter Neurosurgery Conference, Snowbird, Utah, February 1995.

Cerullo, L.J., **Osterdock, R. J.**, Grutsch, J.: Growth of recurrent vestibular schwannomas in patients in whom the preservation of cranial nerve function is routine. AANS Scientific Session, Boston, MA, April 1993.

Cerullo, L.J., **Osterdock, R. J.**, Grutsch, J.: Growth of recurrent vestibular schwannomas in patients in whom the preservation of cranial nerve function is routine. North American Skull Base Society, Phoenix, AZ, February 1993.

Osterdock, R.J., Cerullo, L.J., Grutsch, J.: Neurofibromatosis-2. Medical Student Research Day, Northwestern University, Chicago, IL, February 1993.

Cerullo, L.J., **Osterdock, R. J.**, Grutsch, J.: Recurrence of acoustic schwannomas with attempted surgical preservation of the eighth cranial nerve. AANS Scientific program, San Francisco, CA, April 1992.

Cerullo, L.J., **Osterdock, R. J.**, Grutsch, J.: Neurofibromatosis-2: The delicate balance between preventing deterioration and preserving quality of life. AANS Scientific program, San Francisco, CA, April 1992.

Osterdock, R. J., Cerullo, L.J., Grutsch, J.: Incidence of recurrence in surgically excised acoustic neuromas. Medical Student Research Day, Northwestern University, Chicago, IL, January 1992.

INVITED LECTURES

Dr. Osterdock has given hundreds of lectures nationally and Internationally. Current lecture topics include:
-Craniosynostosis and Evaluation of Abnormal Head Shapes
-Tethered Spinal Cord and Congenital Spinal Disorders
-Innovations in Pediatric Neurosurgery

*-Evaluation and Management of Chiari Malformations and other
Congenital Brain Malformations*

“Interviewing Skills for Medical Students: Lecture Series and Practical Experience for Interviewing for Residency Workshop”
Loma Linda University Medical Center, CA, September 24, 2006

“Pediatric Neurosurgery Nursing Issues” Loma Linda University
Children’s Hospital Advanced Practice Clinical Nursing
Conference, CA, October 10, 2006

“Traumatic Head Injury and ICP Management Strategies” Annual
Education Days, Loma Linda University Children’s Hospital,
October 10, 2006

“Separation of Craniopagus Twins – Technology & Teamwork”
Loma Linda University School of Medicine Faculty Retreat, Pine
Springs Ranch, Mountain Center, CA, March 29, 2006

“Pediatric Head Trauma” Loma Linda University Children’s
Hospital, Loma Linda, CA, March 28, 2006

“Pediatric Neurosciences at Loma Linda University” Loma Linda
Chamber of Commerce, Loma Linda, CA, March 8, 2006

“Craniopagus Twins – Technology and Teamwork” Loma Linda
University Annual Postgraduate Convention, Loma Linda, CA,
March 5, 2006

Surgical Management of Epilepsy” Loma Linda University School
of Medicine, NeuroUpdate 2006 Conference, February 15, 2006

“Craniopagus Twins – Technology & Teamwork” Loma Linda
Academy student lecture, Loma Linda, CA, February 10, 2006

“Mission Vietnam, Loma Linda University Neuroscience Grand
Rounds, Loma Linda, CA, January 11, 2006

“Separation of Craniopagus Twins: Inspirations in Neurosurgery.”
Southern California Veterinarians Society Annual Meeting,
December 2005.

“Tumors in Childhood” Continuing Medical Education Lecture, Fountain Valley Regional Medical Center, December 1, 2005

“The Modern Era” Loma Linda University Medical Center’s Centennial Gala. October 16, 2005

“V.N.S. Update” Loma Linda University Medical Center, Psychiatry Grand Rounds, September 9, 2005

“Red Flags. What Pediatricians Should Not Miss” Pediatric Resident Lecture. Loma Linda University School of Medicine, July 26, 2005

“Commencement Address” PALS Academy, San Bernardino, CA June 17, 2005

“Separation of Craniopagus Twins– Technology & Teamwork” PALS Academy, San Bernardino, CA, May 18, 2005

“Separation of Craniopagus Twins– Technology & Teamwork” Loma Linda University School of Medicine, Neuroscience Grand Rounds, Loma Linda, CA, May 4, 2005

“Pediatric Neurosurgery in a Nutshell”, Loma Linda University School of Nursing, Graduate Nurse Practitioners Program, Loma Linda, CA, May 17, 2005

“Separation of Craniopagus Twins” Loma Linda University School of Medicine, Pediatric Grand Rounds, Loma Linda, CA May 20, 2005

“Tumors in Childhood” Continuing Medical Education Lecture, Coastal Communities College, Santa Ana, CA, May 3, 2005

“Women in Surgery” Medical Student Forum for medical students interested in a surgical career, March 30, 2005

“Separation of Craniopagus Twins” Loma Linda Chapter of the Kiwanis Club, March 29, 2005

“Pediatric Epilepsy: The Role of Surgery in Intractable Seizures” California Association of Nurse Practitioners, Inland Empire Region, December 9, 2004

“Surgical Treatment Options in Pediatric Epilepsy” Continuing Medical Education Lecture, Fountain Valley Regional Medical Center, Fountain Valley, CA, November 4, 2004

“Shunts Made Easy” Pediatric Resident Lecture, Loma Linda University School of Medicine, October 6, 2004

“Pediatric Epilepsy: The Role of Surgery in Intractable Seizures” Continuing Medical Education Lecture, Doctors’ Hospital Medical Center of Montclair, Montclair, CA September 2, 2004

“Innovations and Adventures in Pediatric Neurosurgery”, High Desert Pediatrics, Victorville, CA, August 25, 2004

“Tumors in Childhood” Continuing Medical Education Lecture, San Antonio Community Hospital, Upland, CA, August 12, 2004

“Shunts, pumps and stimulators: What are they and why do we use them?” Neurology/Neuroscience Lecture, Loma Linda University Health Care clinical nursing staff, Loma Linda, CA, “August 5, 2004

“Tumors in Childhood”, Continuing Medical Education, Riverside Community Hospital, Riverside, CA, May 7, 2004

“Hydrocephalus and Shunts”, Loma Linda University School of Medicine, Pediatric Resident Lecture, April 19, 2004

“Pediatric Neurosurgery in a Nutshell”, Loma Linda University Medical Center, Advanced Pediatric Clinical Nursing Core, April 7, 2004

“Hydrocephalus in the Newborn”, Arrowhead Regional Medical Center, Colton, CA, March 29, 2004

“Innovations and Adventures in Pediatric Neurosurgery”, Loma Linda University School of Medicine, Pediatric Grand Rounds, February 6, 2004

“Innovations and Adventures in Pediatric Neurosurgery”, John F. Kennedy Memorial Hospital, Indio, CA, January 21, 2004

“Shunts Made Easy”, Parkview Community Hospital Medical Center, Riverside, CA, January 13, 2004

“Pediatric Neurosurgery in a Nutshell”, Loma Linda University Medical Center, Advanced Pediatric Clinical Nursing Core, October 2, 2003

“Ventriculoperitoneal Shunts” Loma Linda University School of Medicine, Pediatric Residents Lecture, August 6, 2003

“Pediatric Neurosurgery in a Nutshell”, Loma Linda University Medical Center, Advanced Pediatric Clinical Nursing Core, April 7, 2003

“Neurological Sports Injuries” Loma Linda University School of Medicine, Neuroscience Grand Rounds, February 5, 2003.

“Hydrocephalus in the Newborn”, Loma Linda University School of Medicine, Neonatology Grand Grounds, January 22, 2003.

“Posterior Fossa Tumors in Children” Loma Linda University School of Medicine, Pediatric Grand Rounds, May 1, 2002

“Craniosynostosis” Neouroupdate 2002, Riverside County Regional Medical Center, March 17, 2002

“Examination of the Infant and Child” Neouroupdate 2002, Riverside County Regional Medical Center, March 16, 2002

“Shunts Made Easy” Loma Linda University School of Medicine, Neuroscience Grand Rounds, February 13, 2002

“Hydrocephalus for the Pediatrician” Loma Linda University School of Medicine, Pediatric Grand Rounds, February 6, 2002

“Craniosynostosis”, Loma Linda University School of Medicine, Anesthesiology Grand Rounds, January 2002

“Spina Bifida – Surgical Aspects”, Loma Linda University School of Medicine, Neuroscience Grand Rounds, January 2002

“Hydrocephalus and Shunts for the Emergency Room Physician”,
Loma Linda University Medical Center, Pediatric E.R. December
2001

MEDIA EVENTS Dateline NBC, “Separation of Craniopagus Twins, March 2005

NBC News, “The Journey of Hope: 5 part series”, March 2005

The Tyra Banks Show, “Conjoined Twins” February 15th 2007

Inland Empire Magazine, “Your Favorite Doctors”
Top featured physician

The Press Enterprise, “A New Hope” Treatment of drug resistant
depression, December 2005