

Stanford



Cormac Maher, MD, FAANS, FAAP, FACS

Botha Chan Endowed Professor
Neurosurgery

CLINICAL OFFICE (PRIMARY)

- **Neurosurgery**

453 Quarry Rd Rm 253A

MC 5327

Palo Alto, CA 94304

Tel (650) 497-8775 Fax (650) 724-6677

Bio

BIO

Dr. Maher is a board-certified, fellowship-trained neurosurgeon with Stanford Health Care and is chief of neurosurgery at Lucile Packard Children's Hospital Stanford. He is also the Botha Chan Endowed Professor in the Department of Neurosurgery, Division of Pediatric Neurosurgery at Stanford University School of Medicine.

Dr. Maher specializes in treating children who have neurological disorders — conditions of the brain, spinal cord, and nerves. In his adult practice, he offers particular expertise in treating Chiari malformation, which involves a portion of the brain pushing down into the spinal canal, and tethered spinal cord. Dr. Maher has served on many national organization committees for research and training in neurosurgery.

Dr. Maher has published more than 190 articles in peer-reviewed journals, including Journal of Neurosurgery, Neurosurgery, and Journal of Neurosurgery: Pediatrics. He has also served on the editorial boards for publications and organizations including the Journal of Neurosurgery Publishing Group. He has performed ad hoc review for many other journals and grant review for organizations including the American Association of Neurological Surgeons (AANS).

Dr. Maher has delivered hundreds of presentations at symposiums and conferences for national and international audiences. He is also a fellow of the American Academy of Pediatrics, AANS, and American College of Surgeons.

CLINICAL FOCUS

- Neurological Surgery

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Neurosurgery

ADMINISTRATIVE APPOINTMENTS

- Chief of Pediatric Neurosurgery, Lucile Packard Children's Hospital, (2023- present)

HONORS AND AWARDS

- Executive Leadership Program in Health Policy and Management Scholarship, American Association of Neurological Surgeons (AANS) and American College of Surgeons (ACS)
- AANS Leadership Scholarship, ACS and AANS
- Best Pediatric Paper of 2019, Neurosurgery (2019)
- Best Presentation Award, Congress of Neurological Surgeons (CNS) Neurosurgical Forum
- Craniofacial Poster Award, AANS Pediatric Section Meeting
- Distinguished Alumni Award, Mayo Clinic Neurosurgery
- Haines Family Lectureship on Clinical Research in Neurosurgery, University of Minnesota Medical School
- Honored Guest, Georgia Neurosurgical Association
- Invited Guest, Neurosurgical Society of Australia
- Julian T. Hoff Teaching Award, Department of Neurosurgery, University of Michigan
- Making a Difference, University of Michigan Medicine Employee Recognition Program (2009, 2013 – 2015)
- Pediatric Section Research Award, AANS (2010, 2012)
- Sigma Xi, The Scientific Research Honor Society
- Stacey Rollins, Jr., MD, Award, University of Michigan
- Top Docs, Hour Detroit (2007, 2014 – 2022)
- Top Doctors in Metro Detroit, StyleLine Magazine (2010 – 2014)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Neurosurgery Specialty Lead, Accreditation Council for Graduate Medical Education Program Director Quality and Safety Council (2019 - present)

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Neurosurgery, American Board of Pediatric Neurological Surgery (2011)
- Board Certification: Neurological Surgery, American Board of Neurological Surgery (2010)
- Fellowship: Brigham and Women's Hospital Cerebrovascular Neurosurgery Program (2006) MA
- Fellowship: Boston Children's Hospital Neurosurgery Fellowship (2005) MA
- Residency: Mayo Clinic Graduate Medical Education (2004) MN
- Medical Education: Georgetown University School of Medicine (1998) DC

Publications

PUBLICATIONS

- **Comprehensive pediatric neurosurgical implant checklist to maintain low implant infection rates: lessons on compliance and institutional culture.** *Journal of neurosurgery. Pediatrics*
Cheetham-West, A. O., Kumar, K. K., Kruger, J. F., Prolo, L. M., Maher, C. O., Phillips, H. W., Hong, D. S., Grant, G. A., Mahaney, K. B.
2025; 1-8
- **Primary rhombencephalopathy introduction of a new paradigm for the evaluation and management of craniocervical hindbrain pathology** *JOURNAL OF NEUROSURGERY*
Brockmeyer, D. L., Limbrick Jr, D. D., Maher, C. O., Grant, G. A.
2025; 142 (4): 1205-1212

- **Building consensus regarding the definition of abnormal craniocervical motion in pediatric patients with Chiari malformation: a modified Delphi study.** *Journal of neurosurgery. Pediatrics*
Alexiades, N. G., Anderson, D. I., D'Ambrosio, A., Iyer, R., Bauer, D. F., Bonfield, C. M., Chatterjee, S., Ellenbogen, R. G., Grabb, P., Grant, G., Hankinson, T. C., Jea, A., Limbrick, et al
2025: 1-11
- **Primary rhombencephalopathy: introduction of a new paradigm for the evaluation and management of craniocervical hindbrain pathology.** *Journal of neurosurgery*
Brockmeyer, D. L., Limbrick, D. D., Maher, C. O., Grant, G. A.
2025: 1-8
- **BIOPROCESSING OF VIABLE SURGICAL PEDIATRIC BRAIN TUMOR SPECIMENS FOR GENOME-GUIDED PERSONALIZED DRUG TESTING**
Nasajpour, E., Tran, C., Garcia, C., Xing, L., Lyle, G., Guinle, M., Bagley, B., Mahaney, K., Vogel, H., Learned, K., Vaske, O., Grant, G., Prolo, et al
OXFORD UNIV PRESS INC.2024
- **Long-Term Tumor Stability After First-Line Treatment With Larotrectinib in an Infant With NTRK2 Fusion-Positive High-Grade Glioma.** *Journal of the National Comprehensive Cancer Network : JNCCN*
Simoneau, J., Robertson, P., Muraszko, K., Maher, C. O., Garton, H., Calvert, R., Koschmann, C., Upadhyaya, S. A., Mody, R., Brown, N., Kumar-Sinha, C., Parmar, H., Camelo-Piragua, et al
2024; 22 (7)
- **Development of an in vitro ventricular shunt material testing model and utility of PEG as antifouling coating.** *Journal of neurosurgery. Pediatrics*
Prindeze, N. J., Szeto, S. G., Glaser, N., Brown, C. B., Azagury, D. E., Maher, C. O.
2024: 1-5
- **The role of occipital condyle and atlas anomalies on occipital cervical fusion outcomes in Chiari malformation type I with syringomyelia: a study from the Park-Reeves Syringomyelia Research Consortium.** *Journal of neurosurgery. Pediatrics*
Yahanda, A. T., Koueik, J., Ackerman, L. L., Adelson, P. D., Albert, G. W., Aldana, P. R., Alden, T. D., Anderson, R. C., Bauer, D. F., Bethel-Anderson, T., Bierbrauer, K., Brockmeyer, D. L., Chern, et al
2024: 1-9
- **Language-discordant care in pediatric neurosurgery: parent and provider perspectives on challenges and multilevel solutions to reduce disparities.** *Journal of neurosurgery. Pediatrics*
Ruiz Colon, G. D., Bereknyei Merrell, S., Poon, D. C., Mahaney, K. B., Maher, C. O., Prolo, L. M.
2024: 1-7
- **Influence of socioeconomic status on clinical outcomes of diffuse midline glioma and diffuse intrinsic pontine glioma.** *Journal of neurosurgery. Pediatrics*
Lee, J. H., Holste, K. G., Bah, M. G., Franson, A. T., Garton, H. J., Maher, C. O., Muraszko, K. M.
2024: 1-9
- **"Ventricular Volume Change as a Predictor of Shunt-Dependent Hydrocephalus in Aneurysmal Subarachnoid Hemorrhage" (vol 180,17880, 2022) WORLD NEUROSURGERY**
Talbot-Stetsko, H. K., Pawlowski, K. D., Aaron, B. L., Adapa, A. R., Altshuler, D. B., Srinivasan, S., Pandey, A. S., Maher, C. O., Hollon, T. C., Khalsa, S. S.
2023; 180: 224
- **In Reply: Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines for Patients With Chiari Malformation: Surgical Interventions.** *Neurosurgery*
Bauer, D. F., Pattisapu, J. V., Ackerman, L. L., Infinger, L. K., Jackson, E. M., Jernigan, S., Maher, C. O., Niazi, T., Qaiser, R., Quinsey, C., Raskin, J. S., Rocque, B. G., Silberstein, et al
2023
- **Attenuation of ventriculomegaly and iron overload after intraventricular hemorrhage by membrane attack complex inhibition.** *Journal of neurosurgery*
Holste, K. G., Ye, F., Koduri, S., Garton, H. J., Maher, C. O., Keep, R. F., Hua, Y., Xi, G.
2023: 1-11
- **Sports Participation and Neurological Injuries in Pediatric Patients With Chiari I Malformation** *NEUROSURGERY*
Wieland, C. M., Holste, K. G., Selzer, B., Garton, H. J. L., Muraszko, K. M., Maher, C. O.

2023; 93 (3): 646-653

- **Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines for Patients With Chiari Malformation: Surgical Interventions.** *Neurosurgery*
Pattisapu, J. V., Ackerman, L. L., Infinger, L. K., Maher, C. O., Quinsey, C., Rocque, B. G., Silberstein, H., Jackson, E. M., Jernigan, S., Niazi, T., Qaiser, R., Raskin, J. S., Vachhrajani, et al
2023
- **Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines for Patients With Chiari Malformation: Symptoms.** *Neurosurgery*
Jackson, E. M., Jernigan, S., Raskin, J. S., Ackerman, L. L., Infinger, L. K., Maher, C. O., Niazi, T., Pattisapu, J. V., Qaiser, R., Quinsey, C., Rocque, B. G., Silberstein, H., Vachhrajani, et al
2023
- **Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines for Patients With Chiari Malformation: Diagnosis.** *Neurosurgery*
Bauer, D. F., Niazi, T., Qaiser, R., Infinger, L. K., Vachhrajani, S., Ackerman, L. L., Jackson, E. M., Jernigan, S., Maher, C. O., Pattisapu, J. V., Quinsey, C., Raskin, J. S., Rocque, et al
2023
- **Ventriculoatrial and ventriculoperitoneal shunt malfunction and infection in infants with necrotizing enterocolitis.** *Journal of neurosurgery. Pediatrics*
Holste, K. G., Vernamonti, J., Bah, M. G., Muraszko, K. M., Gadepalli, S. K., Maher, C. O., Garton, H. J.
2023: 1-7
- **Pediatric Moyamoya Revascularization Perioperative Care: A Modified Delphi Study.** *Neurocritical care*
Sun, L. R., Jordan, L. C., Smith, E. R., Aldana, P. R., Kirschen, M. P., Williams, G., Gupta, N., Steinberg, G. K., Fox, C., Harrar, D. B., Lee, S., Chung, M. G., Dirks, et al
2023
- **A comparison of ventricular volume and linear indices in predicting shunt dependence in aneurysmal subarachnoid hemorrhage.** *World neurosurgery: X*
Talbot-Stetsko, H. K., Hollon, T. C., Maher, C. O., Pandey, A. S., Khalsa, S. S.
2023; 19: 100181
- **Sports Participation and Sports-Related Neurologic Injuries in Pediatric Patients With Arachnoid Cysts.** *Neurosurgery*
Lee, J. H., Holste, K. G., Selzer, B. J., Garton, H. J., Muraszko, K. M., Maher, C. O.
2023
- **Complement inhibition reduces long-term ventriculomegaly and iron-overload after intraventricular hemorrhage**
Holste, K., Maher, C., Garton, H., Muraszko, K., Xi, G.
AMER ASSOC NEUROLOGICAL SURGEONS.2023
- **Epidemiology of Chiari I Malformation and Syringomyelia** *NEUROSURGERY CLINICS OF NORTH AMERICA*
Holste, K. G., Muraszko, K. M., Maher, C. O.
2023; 34 (1): 9-15
- **Indications for arachnoid cyst surgery** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Maher, C. O.
2022; 30 (3): 135-137
- **Incidental Murmur in a Preadolescent Boy** *JAMA CARDIOLOGY*
Lam, J. L. W., Saleh, S., Maher, C. O.
2022; 7 (7): e220927
- **Subdural hematoma prevalence and long-term developmental outcomes in patients with benign expansion of the subarachnoid spaces** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Holste, K. G., Wieland, C. M., Ibrahim, M., Parmar, H. A., Saleh, S., Garton, H. J. L., Maher, C. O.
2022; 29 (5): 536-542
- **The use of big data for improving understanding of the natural history of neurosurgical disease** *NEUROSURGICAL FOCUS*
Holste, K. G., Chopra, Z., Saleh, S., Saadeh, Y. S., Park, P., Maher, C. O.

2022; 52 (4): E2

- **Superficial abdominal reflex in syringomyelia: Associations with Chiari I malformation** *JOURNAL OF CLINICAL NEUROSCIENCE*
Nadel, J. L., Ziats, C., Mossner, J. M., Starr, J. B., Smith, B. W., Kelly, M. P., Muraszko, K. M., Farley, F. A., Maher, C. O., Garton, H. J. L., Strahle, J. M.
2022; 98: 1-5
- **Program Director Patient Safety and Quality Educators Network: A Learning Collaborative to Improve Resident and Fellow Physician Engagement** *Journal of Graduate Medical Education*
Wagner, R., Weiss, K., Headrick, L., Jaffe, R., Fant, A., Sullivan, A., Maher, C., Donato, J., Benzil, D., Miltner, R., Hemphill, R., Holmboe, E., Clewett, et al
2022
- **Intern Year** *Surviving Neurosurgery*
Ward, A., Maher, C.
Springer.2022
- **Ventricular Volume Change as a Predictor of Shunt-Dependent Hydrocephalus in Aneurysmal Subarachnoid Hemorrhage** *WORLD NEUROSURGERY*
Talbot-Stetsko, H. K., Raue, K. D., Aaron, B. L., Adapa, A. R., Altshuler, D. B., Srinivasan, S., Pandey, A. S., Maher, C. O., Hollon, T. C., Khalsa, S. S.
2022; 157: E57-E65
- **Socioeconomic and demographic factors in the diagnosis and treatment of Chiari malformation type I and syringomyelia.** *Journal of neurosurgery. Pediatrics*
Akbari, S. H., Rizvi, A. A., CreveCoeur, T. S., Han, R. H., Greenberg, J. K., Torner, J., Brockmeyer, D. L., Wellons, J. C., Leonard, J. R., Mangano, F. T., Johnston, J. M., Shah, M. N., Iskandar, et al
2021: 1-10
- **Neuro-Ophthalmologic Monitoring in the Management of Increased Intracranial Pressure From Leaking Arachnoid Cysts** *JOURNAL OF NEURO-OPHTHALMOLOGY*
Deveney, T. K., Lebas, M., Lobo, R. R., Maher, C. O., Trobe, J. D.
2021; 41 (4): E535-E540
- **Longitudinal scoliosis behavior in Chiari malformation with and without syringomyelia** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Chotai, S., Nadel, J. L., Holste, K. G., Mossner, J. M., Smith, B. W., Kapurch, J. R., Muraszko, K. M., Garton, H. J. L., Maher, C. O., Strahle, J. M.
2021; 28 (5): 585-591
- **Incidental Intracranial Cysts in Children** *PEDIATRIC CLINICS OF NORTH AMERICA*
Muhlestein, W. E., Maher, C. O.
2021; 68 (4): 775-782
- **Complications and outcomes of posterior fossa decompression with duraplasty versus without duraplasty for pediatric patients with Chiari malformation type I and syringomyelia: a study from the Park-Reeves Syringomyelia Research Consortium** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Akbari, S. A., Yahanda, A. T., Ackerman, L. L., Adelson, P., Ahmed, R., Albert, G. W., Aldana, P. R., Alden, T. D., Anderson, R. C. E., Bauer, D. F., Bethel-Anderson, T., Bierbrauer, K., Brockmeyer, et al
2021; 30 (1): 39-51
- **Author reply to letter to the editor regarding "Seizure Prophylaxis in Unruptured Aneurysm Repair: A Randomized Controlled Trial"** *JOURNAL OF STROKE & CEREBROVASCULAR DISEASES*
Daou, B. J., Maher, C. O., Thompson, B., Pandey, A. S.
2021; 30 (7): 105722
- **Extradural decompression versus duraplasty in Chiari malformation type I with syrinx: outcomes on scoliosis from the Park-Reeves Syringomyelia Research Consortium.** *Journal of neurosurgery. Pediatrics*
Sadler, B., Skidmore, A., Gewirtz, J., Anderson, R. C., Haller, G., Ackerman, L. L., Adelson, P. D., Ahmed, R., Albert, G. W., Aldana, P. R., Alden, T. D., Averill, C., Baird, et al
2021: 1-9
- **Weighing In on the Controversy: Preoperative Imaging in Unicoronal Craniosynostosis Leads to Strategic Changes in Surgical Care** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Ulma, R. M., Ranganathan, K. L., Vercler, C. J., Garton, H. J. L., Maher, C. O., Muraszko, K. M., Buchman, S. R.

2021; 147 (5): 1133-1139

- **Dural augmentation approaches and complication rates after posterior fossa decompression for Chiari I malformation and syringomyelia: a Park-Reeves Syringomyelia Research Consortium study** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Yahanda, A. T., Adelson, P., Akbari, S. A., Albert, G. W., Aldana, P. R., Alden, T. D., Anderson, R. C. E., Bauer, D. F., Bethel-Anderson, T., Brockmeyer, D. L., Chern, J. J., Couture, D. E., Daniels, et al
2021; 27 (4): 459-468
- **Radiation-Induced Imaging Changes and Cerebral Edema following Stereotactic Radiosurgery for Brain AVMs.** *AJNR. American journal of neuroradiology*
Daou, B. J., Palmateer, G., Wilkinson, D. A., Thompson, B. G., Maher, C. O., Chaudhary, N., Gemmete, J. J., Hayman, J. A., Lam, K., Wahl, D. R., Kim, M., Pandey, A. S.
2021; 42 (1): 82-87
- **Pediatric Arteriovenous Malformations** *Youman and Winn's Neurological Surgery*
Maher, C., Wilkinson, A.
Elsevier.2021; 8th
- **Occipital-Cervical Fusion and Ventral Decompression in the Surgical Management of Chiari-1 Malformation and Syringomyelia: Analysis of Data From the Park-Reeves Syringomyelia Research Consortium.** *Neurosurgery*
CreveCoeur, T. S., Yahanda, A. T., Maher, C. O., Johnson, G. W., Ackerman, L. L., Adelson, P. D., Ahmed, R., Albert, G. W., Aldana, P. R., Alden, T. D., Anderson, R. C., Baird, L., Bauer, et al
2020
- **ELECTRONIC SEQUENCING PROVIDES OPTIMIZED QUANTIFICATION OF SERIAL, MULTI-GENE MOLECULAR RESPONSE IN THE CSF OF CHILDREN WITH HIGH-GRADE GLIOMA**
Bruzek, A., Muruganand, A., Ravi, K., Wadden, J., Babila, C., Tunkle, L., Wierzbicki, K., Stallard, S., Cantor, E., Qin, T., Wolfe, I., Mody, R., Muraszko, et al
OXFORD UNIV PRESS INC.2020: 288
- **Electronic DNA Analysis of CSF Cell-free Tumor DNA to Quantify Multi-gene Molecular Response in Pediatric High-grade Glioma** *CLINICAL CANCER RESEARCH*
Bruzek, A. K., Ravi, K., Muruganand, A., Wadden, J., Babila, C., Cantor, E., Tunkle, L., Wierzbicki, K., Stallard, S., Dickson, R. P., Wolfe, I., Mody, R., Schwartz, et al
2020; 26 (23): 6266-6276
- **Normal cerebral ventricular volume growth in childhood** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Cutler, N. S., Srinivasan, S., Aaron, B. L., Anand, S., Kang, M. S., Altshuler, D. B., Schermerhorn, T. C., Hollon, T. C., Maher, C. O., Khalsa, S. S.
2020; 26 (5): 517-524
- **Seizure Prophylaxis in Unruptured Aneurysm Repair: A Randomized Controlled Trial** *JOURNAL OF STROKE & CEREBROVASCULAR DISEASES*
Daou, B. J., Maher, C. O., Holste, K., Palmateer, G., Lint, C., Elenbaas, J., Thompson, B., Pandey, A. S.
2020; 29 (10): 105171
- **Stereotactic Radiosurgery for Brain Arteriovenous Malformations: Evaluation of Obliteration and Review of Associated Predictors** *JOURNAL OF STROKE & CEREBROVASCULAR DISEASES*
Daou, B. J., Palmateer, G., Thompson, B., Maher, C. O., Hayman, J. A., Lam, K. L., Wahl, D. R., Kim, M., Pandey, A. S.
2020; 29 (8): 104863
- **Pediatric neurosurgery along with children's hospitals' innovations are rapid and uniform in response to the COVID-19 pandemic** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Weiner, H. L., Adelson, P., Brockmeyer, D. L., Maher, C. O., Gupta, N., Smyth, M. D., Jea, A., Blount, J. P., Riva-Cambrin, J., Lam, S. K., Ahn, E. S., Albert, G. W., Leonard, et al
2020; 26 (1): 3-5
- **Obstetric Management and Maternal Outcomes of Childbirth Among Patients With Chiari Malformation Type I** *NEUROSURGERY*
Wilkinson, D., Johnson, K., Castaneda, P. R., Nadel, J. L., Garton, H. J. L., Muraszko, K. M., Maher, C. O.
2020; 87 (1): 45-52
- **Using a Mobile Application for Evaluation of Procedural Learning in Neurosurgery** *WORLD NEUROSURGERY*
Koduri, S., Altshuler, D. B., Khalsa, S. S., Maher, C. O., Wnuk, G., Tong, D., George, B. C., Szerlip, N.

2020; 138: E124-E150

- **Factors associated with syring size in pediatric patients treated for Chiari malformation type I and syringomyelia: a study from the Park-Reeves Syringomyelia Research Consortium** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Hale, A. T., Adelson, P., Albert, G. W., Aldana, P. R., Alden, T. D., Anderson, R. C. E., Bauer, D. F., Bonfield, C. M., Brockmeyer, D. L., Chern, J. J., Couture, D. E., Daniels, D. J., Durham, et al
2020; 25 (6): 629-639
- **Thirty-Day Hospital Readmission and Surgical Complication Rates for Shunting in Normal Pressure Hydrocephalus: A Large National Database Analysis** *NEUROSURGERY*
Nadel, J. L., Wilkinson, D., Linzey, J. R., Maher, C. O., Kotagal, V., Heth, J. A.
2020; 86 (6): 843-850
- **In Reply: Obstetric Management and Maternal Outcomes of Childbirth Among Patients With Chiari Malformation Type I** *NEUROSURGERY*
Maher, C. O.
2020; 86 (5): E474
- **Syringomyelia in children with closed spinal dysraphism: long-term outcomes after surgical intervention** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Bruzek, A. K., Starr, J., Garton, H. J. L., Muraszko, K. M., Maher, C. O., Strahle, J. M.
2020; 25 (3): 319-325
- **Predictors of surgical treatment in children with tethered fibrofatty filum terminale** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Kashlan, O. N., Wilkinson, D., Morgenstern, H., Khalsa, S. S., Maher, C. O.
2020; 25 (2): 196-203
- **Near real-time intraoperative brain tumor diagnosis using stimulated Raman histology and deep neural networks** *NATURE MEDICINE*
Hollon, T. C., Pandian, B., Adapa, A. R., Urias, E., Save, A. V., Khalsa, S. S., Eichberg, D. G., D'Amico, R. S., Farooq, Z. U., Lewis, S., Petridis, P. D., Marie, T., Shah, et al
2020; 26 (1): 52-+
- **Natural History of Chiari Malformations** *The Chiari Malformations*
Tubbs, R., Turgot, M., Oakes, W.
2020; 2nd
- **Pediatric neurosurgery training during residency in the United States: a program director survey.** *Journal of neurosurgery. Pediatrics*
Limoges, N. n., D'Agostino, E. n., Gelinne, A. n., Maher, C. O., Scott, R. M., Grant, G. n., Krieger, M. D., Limbrick, D. D., White, M. n., Durham, S. n.
2020: 1-7
- **Development of Common Data Elements for Use in Chiari Malformation Type I Clinical Research: An NIH/NINDS Project** *NEUROSURGERY*
Luciano, M. G., Batzdorf, U., Kula, R. W., Rocque, B. G., Maher, C. O., Heiss, J., Martin, B. A., Bolognese, P. A., Ashley-Koch, A., Limbrick, D., Poppe, D. J., Esposito, K. M., Odenkirchen, et al
2019; 85 (6): 854-859
- **Arachnoid cyst prevalence** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Maher, C. O.
2019; 24 (6): 736-737
- **USE OF A NOVEL, HAND-HELD, ELECTRONIC DNA ANALYSIS PLATFORM TO QUANTIFY MULTI-GENE MOLECULAR RESPONSE IN CSF OF PATIENTS WITH HIGH-GRADE GLIOMA**
Bruzek, A., Tunkle, L., Babila, C., Muruganand, A., Stallard, S., Thamilselvan, V., Qin, T., Wolfe, I., Mody, R., Robertson, P., Maher, C., Muraszko, K., Garton, et al
OXFORD UNIV PRESS INC.2019: 188-189
- **Intraoperative Phase Contrast MRI Analysis of Cerebrospinal Fluid Velocities During Posterior Fossa Decompression for Chiari I Malformation** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
Delavari, N., Wang, A. C., Bapuraj, J., Londy, F., Muraszko, K. M., Garton, H. J. L., Maher, C. O.
2020; 51 (5): 1463-1470
- **Morphometric changes at the craniocervical junction during childhood** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Bapuraj, J., Bruzek, A. K., Tarpeh, J. K., Pelissier, L., Garton, H. J. L., Anderson, R. C. E., Nan, B., Ma, T., Maher, C. O.

2019; 24 (3): 227-235

- **Postgraduate publishing output in pediatric neurosurgery: correlation with fellowship site and individual scholars** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Ajmera, S., Lee, R. P., Schultz, A., Hersh, D. S., Lepard, J., Xu, R., Saad, H., Akinduro, O., Justo, M., Fraser, B. D., Motiwala, M., Dave, P., Jimenez, et al
2019; 24 (3): 343-351
- **Radiological and clinical predictors of scoliosis in patients with Chiari malformation type I and spinal cord syrinx from the Park-Reeves Syringomyelia Research Consortium.** *Journal of neurosurgery. Pediatrics*
Strahle, J. M., Taiwo, R., Averill, C., Torner, J., Shannon, C. N., Bonfield, C. M., Tuite, G. F., Bethel-Anderson, T., Rutlin, J., Brockmeyer, D. L., Wellons, J. C., Leonard, J. R., Mangano, et al
2019: 1–8
- **A Large Database Analysis of Rates of Aneurysm Screening, Elective Treatment, and Subarachnoid Hemorrhage in Patients With Polycystic Kidney Disease** *NEUROSURGERY*
Wilkinson, D., Burke, J. F., Nadel, J. L., Maher, C. O., Chaudhary, N., Gemmete, J. J., Heung, M., Thompson, B., Pandey, A. S.
2019; 85 (2): E266-E274
- **Development of bilateral dural arteriovenous fistulae following pial synangiosis for moyamoya syndrome: case report** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Koduri, S., Wilkinson, D., Griauzde, J. M., Gemmete, J. J., Maher, C. O.
2019; 24 (1): 9-13
- **RAPID, ULTRA-DEEP SEQUENCING OF PEDIATRIC DIPG FROM CEREBROSPINAL FLUID USING A NOVEL HAND-HELD ELECTRONIC DNA ANALYSIS PLATFORM**
Bruzek, A. K., Tunkle, L., Stallard, S., Thamilselvan, V., Qin, T., Wolfe, I., Mody, R., Muraszko, K. L., Robertson, P. L., Maher, C. O., Garton, H. J. L., Koschmann, C.
OXFORD UNIV PRESS INC.2019: 69
- **Recent trends in North American pediatric neurosurgical fellowship training** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Nadel, J. L., Scott, R., Durham, S. R., Maher, C. O.
2019; 23 (4): 517-522
- **Screening and surgery for foramen magnum stenosis in children with achondroplasia: a large, national database analysis** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Nadel, J. L., Wilkinson, D., Garton, H. J. L., Muraszko, K. M., Maher, C. O.
2019; 23 (3): 374-380
- **The Preventable Shunt Revision Rate: A Multicenter Evaluation** *NEUROSURGERY*
Dave, P., Venable, G. T., Jones, T. L., Khan, N. R., Albert, G. W., Chern, J. J., Wheelus, J. L., Governale, L. S., Huntoon, K. M., Maher, C. O., Bruzek, A. K., Mangano, F. T., Mehta, et al
2019; 84 (3): 788-797
- **Development of best practices to minimize wound complications after complex tethered spinal cord surgery: a modified Delphi study** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Alexiades, N. G., Ahn, E. S., Blount, J. P., Brockmeyer, D. L., Browd, S. R., Grant, G. A., Heuer, G. G., Hankinson, T. C., Iskandar, B. J., Jea, A., Krieger, M. D., Leonard, J. R., Limbrick, et al
2018; 22 (6): 701–9
- **MULTICENTER, PROSPECTIVE VALIDATION OF AUTOMATED INTRAOPERATIVE NEUROPATHOLOGY USING STIMULATED RAMAN HISTOLOGY AND CONVOLUTIONAL NEURAL NETWORKS**
Hollon, T., Pandian, B., Heth, J., Sagher, O., Maher, C., Sullivan, S., Garton, H., Thompson, G., Save, A., Marie, T., Boyett, D., Petridis, P., McKhann, et al
OXFORD UNIV PRESS INC.2018: 183
- **Clinically Integrated Sequencing Alters Therapy in Children and Young Adults With High-Risk Glial Brain Tumors** *Harisowmiya JCO PRECISION ONCOLOGY*
Koschmann, C., Wu, Y., Kumar-Sinha, C., Lonigro, R., Vats, P., Kasaian, K., Cieslik, M., Cao, X., Anderson, B., Frank, K., Zhao, L., Prensner, J. R., Zureick, et al
2018; 2: 1-34

- **A Retrospective 2D Morphometric Analysis of Adult Female Chiari Type I Patients with Commonly Reported and Related Conditions** *FRONTIERS IN NEUROANATOMY*
Eppelheimer, M. S., Houston, J. R., Bapuraj, J. R., Labuda, R., Loth, D. M., Braun, A. M., Allen, N. J., Pahlavian, S., Biswas, D., Urbizu, A., Martin, B. A., Maher, C. O., Allen, et al
2018; 12: 2
- **Rapid Intraoperative Diagnosis of Pediatric Brain Tumors Using Stimulated Raman Histology** *CANCER RESEARCH*
Hollon, T. C., Lewis, S., Pandian, B., Niknafs, Y. S., Garrard, M. R., Garton, H., Maher, C. O., McFadden, K., Snuderl, M., Lieberman, A. P., Muraszko, K., Camelo-Piragua, S., Orringer, et al
2018; 78 (1): 278-289
- **Middle Fossa Arachnoid Cysts** *Neurosurgery Case Series: Pediatric*
Bruzek, A., Maher, C.
Selden NR, Baird LC Oxford University Press.2018: 231-239
- **Early Delivery of Sacrococcygeal Teratoma with Intraspinial Extension** *FETAL DIAGNOSIS AND THERAPY*
Perrone, E. E., Jarboe, M. D., Maher, C. O., Berman, D. R., Ladino-Torres, M., Kreutzman, J., Treadwell, M. C., Mychaliska, G. B.
2018; 43 (1): 72-76
- **Morphometric and volumetric comparison of 102 children with symptomatic and asymptomatic Chiari malformation Type I** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Khalsa, S. S., Geh, N., Martin, B. A., Allen, P. A., Strahle, J., Loth, F., Habtzghi, D., Serrano, A., McQuaide, D., Garton, H. J. L., Muraszko, K. M., Maher, C. O.
2018; 21 (1): 65-71
- **CLINICALLY INTEGRATED SEQUENCING SIGNIFICANTLY ALTERS THERAPY IN CHILDREN AND YOUNG ADULTS WITH HIGH-RISK GLIAL BRAIN TUMORS**
Koschmann, C., Wu, Y., Kumar, C., Lonigro, R., Vats, P., Kasaian, K., Cieslik, M., Cao, X., Frank, K., Prensner, J. R., Zureick, A., Everett, J., Anderson, et al
OXFORD UNIV PRESS INC.2017: 187
- **RAPID ACCURATE INTRAOPERATIVE DIAGNOSIS OF PEDIATRIC BRAIN TUMORS USING STIMULATED RAMAN HISTOLOGY**
Hollon, T. C., Lewis, S., Pandian, B., Niknafs, Y., Garton, H. J. L., Maher, C. O., Muraszko, K., Camelo-Piragua, S., Orringer, D. A.
OXFORD UNIV PRESS INC.2017: 146-147
- **Blood-brain barrier-adapted precision medicine therapy for pediatric brain tumors** *TRANSLATIONAL RESEARCH*
Marini, B. L., Benitez, L. L., Zureick, A. H., Salloum, R., Gauthier, A. C., Brown, J., Wu, Y., Robinson, D. R., Kumar, C., Lonigro, R., Vats, P., Cao, X., Kasaian, et al
2017; 188: 27-39
- **Screening for spine injury in abusive head trauma** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Maher, C. O.
2017; 20 (3): 269-270
- **Stimulated Raman histology in brain tumors: A label free microscopic technique utilizing fresh unprocessed tissue**
Camelo-Piragua, S., Camelo-Piragua, S., Pandian, B., Niknafs, Y., Hollon, T., Boyle, J., Lewis, S., Garrard, M., Hervey-Jumper, S., Garton, H., Maher, C., Heth, J., Sagher, et al
OXFORD UNIV PRESS INC.2017: 525
- **STIMULATED RAMAN SCATTERING MICROSCOPY PROVIDES RAPID, DIAGNOSTIC HISTOPATHOLOGIC IMAGES DURING PEDIATRIC BRAIN TUMOR SURGERY**
Hollon, T., Garrard, M., Tarpeh, J., Pandian, B., Niknafs, Y., Garton, H., Maher, C., Muraszko, K., Camelo-Piragua, S., Orringer, D.
OXFORD UNIV PRESS INC.2017: 51
- **Brainstem Low-Grade Gliomas in Children-Excellent Outcomes With Multimodality Therapy** *JOURNAL OF CHILD NEUROLOGY*
Upadhyaya, S. A., Koschmann, C., Muraszko, K., Venneti, S., Garton, H. J., Hamstra, D. A., Maher, C. O., Betz, B. L., Brown, N. A., Wahl, D., Weigelin, H. C., DuRoss, K. E., Leonard, et al
2017; 32 (2): 194-203
- **Trends in surgical treatment of Chiari malformation Type I in the United States** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Wilkinson, D., Johnson, K., Garton, H. J. L., Muraszko, K. M., Maher, C. O.

2017; 19 (2): 208-216

- **Rapid intraoperative histology of unprocessed surgical specimens via fibre-laser-based stimulated Raman scattering microscopy** *NATURE BIOMEDICAL ENGINEERING*
Orringer, D. A., Pandian, B., Niknafs, Y. S., Hollon, T. C., Boyle, J., Lewis, S., Garrard, M., Hervey-Jumper, S. L., Garton, H. J. L., Maher, C. O., Heth, J. A., Sagher, O., Wilkinson, et al
2017; 1 (2)
- **STIMULATED RAMAN SCATTERING MICROSCOPY PROVIDES DIAGNOSTIC INTRAOPERATIVE HISTOPATHOLOGIC IMAGES IN BRAIN TUMOR PATIENTS**
Orringer, D. A., Pandian, B., Hollon, T. C., Niknafs, Y. S., Boyle, J., Lewis, S., Hervey-Jumper, S. L., Garton, H. J. L., Maher, C. O., Heth, J. A., Sagher, O., Snuderl, M., Venneti, et al
OXFORD UNIV PRESS INC.2016: 193
- **CLINICALLY INTEGRATED SEQUENCING IN THE MANAGEMENT OF CHILDREN WITH HIGH-RISK BRAIN TUMORS**
Koschmann, C., Marini, B., Colon, L., Wu, Y., Kumar, C., Lonigro, R., Vats, P., Cao, X., Zamler, D., Camelo-Piragua, S., Venneti, S., Mc Keever, P., McFadden, et al
OXFORD UNIV PRESS INC.2016: 145-146
- **Are arachnoid cysts and Chiari malformation Type I more common in those with postconcussion syndrome?** *JOURNAL OF NEUROSURGERY*
Strahle, J., Maher, C. O.
2016; 125 (5): 1320-1321
- **Morphometric analysis of the developing pediatric cervical spine** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Johnson, K. T., Al-Holou, W. N., Anderson, R. C., Wilson, T. J., Karnati, T., Ibrahim, M., Garton, H. J., Maher, C. O.
2016; 18 (3): 377-389
- **Cerebrospinal fluid velocity amplitudes within the cerebral aqueduct in healthy children and patients with Chiari I malformation** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
Bapuraj, J., Londy, F. J., Delavari, N., Maher, C. O., Garton, H. J. L., Martin, B. A., Muraszko, K. M., Ibrahim, E. H., Quint, D. J.
2016; 44 (2): 463-470
- **Sports participation with arachnoid cysts** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Strahle, J., Selzer, B. J., Geh, N., Srinivasan, D., Strahle, M., Martinez-Sosa, M., Muraszko, K. M., Garton, H. J. L., Maher, C. O.
2016; 17 (4): 410-417
- **Sports participation with Chiari I malformation** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Strahle, J., Geh, N., Selzer, B. J., Bower, R., Himedan, M., Strahle, M., Wetjen, N. M., Muraszko, K. M., Garton, H. J. L., Maher, C. O.
2016; 17 (4): 403-409
- **Children With Arachnoid Cysts Who Sustain Blunt Head Trauma: Injury Mechanisms and Outcomes** *ACADEMIC EMERGENCY MEDICINE*
Rogers, A. J., Kuppermann, N., Thelen, A. E., Stanley, R. M., Maher, C. O.
2016; 23 (3): 358-361
- **Interobserver Variation in Cerebellar Tonsillar Tip Localization: Comparison of 3 Different Osseous Landmarks on Magnetic Resonance Imaging** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*
Moore, A. G., Gomez-Hassan, D., Quint, D. J., Garton, H. J. L., Maher, C. O., Srinivasan, A.
2016; 40 (1): 34-38
- **Stroke in Children** *PEDIATRIC NEUROSURGERY: TRICKS OF THE TRADE*
Maher, C. O., Cohen, A.
2016: 755-758
- **Chiari malformation I and autism spectrum disorder** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Strahle, J., Maher, C. O.
2015; 16 (5): 609-610
- **Detection of human brain tumor infiltration with quantitative stimulated Raman scattering microscopy** *SCIENCE TRANSLATIONAL MEDICINE*
Ji, M., Lewis, S., Camelo-Piragua, S., Ramkissoon, S. H., Snuderl, M., Venneti, S., Fisher-Hubbard, A., Garrard, M., Fu, D., Wang, A. C., Heth, J. A., Maher, C. O., Sanai, et al

2015; 7 (309): 309ra163

- **Prevalence of Chiari I Malformation and Syringomyelia** *NEUROSURGERY CLINICS OF NORTH AMERICA*
Kahn, E. N., Muraszko, K. M., Maher, C. O.
2015; 26 (4): 501-+
- **Skull fracture mimicking eosinophilic granuloma** *CHILDS NERVOUS SYSTEM*
Hollon, T., McKeever, P. E., Garton, H. J. L., Maher, C. O.
2015; 31 (7): 1171-1174
- **Impact of body mass index on cerebellar tonsil position in healthy subjects and patients with Chiari malformation** *JOURNAL OF NEUROSURGERY*
Smith, B. W., Strahle, J., Kazarian, E., Muraszko, K. M., Garton, H. J. L., Maher, C. O.
2015; 123 (1): 226-231
- **Syrinx location and size according to etiology: identification of Chiari-associated syrinx** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Strahle, J., Muraszko, K. M., Garton, H. J. L., Smith, B. W., Starr, J., Kapurch, J. R., Maher, C. O.
2015; 16 (1): 21-29
- **Use of Stimulated Raman Scattering Microscopy for Quantitative Brain Tumor Imaging**
Lewis, S., Ji, M., Camelo-Piragua, S., Venneti, S., Fisher-Hubbard, A., Garrard, M., Wang, A., Heth, J., Maher, C., Johnson, T., Sagher, O., Xie, X., Orringer, et al
LIPPINCOTT WILLIAMS & WILKINS.2015: 595
- **The association between Chiari malformation Type I, spinal syrinx, and scoliosis** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Strahle, J., Smith, B. W., Martinez, M., Bapuraj, J., Muraszko, K. M., Garton, H. J. L., Maher, C. O.
2015; 15 (6): 607-611
- **Incidental findings on brain and spine imaging in children.** *Pediatrics*
Maher, C. O., Piatt, J. H.
2015; 135 (4): e1084-96
- **Management of pediatric craniocervical arterial dissections** *CHILDS NERVOUS SYSTEM*
Pandey, A. S., Hill, E., Al-Holou, W. N., Gemmete, J. J., Chaudhary, N., Thompson, B., Garton, H. J. L., Maher, C. O.
2015; 31 (1): 101-107
- **Pediatric Arteriovenous Malformations** *Youman and Winn's Neurological Surgery*
Maher, C., Wilkinson, A.
Winn HR(ed.) Elsevier.2015; 7th
- **Role of Hemoglobin and Iron in Hydrocephalus After Neonatal Intraventricular Hemorrhage** *NEUROSURGERY*
Strahle, J. M., Garton, T., Bazzi, A. A., Kilaru, H., Garton, H. J. L., Maher, C. O., Muraszko, K. M., Keep, R. F., Xi, G.
2014; 75 (6): 696-705
- **OUTCOMES OF PEDIATRIC BRAINSTEM LOW GRADE GLIOMAS: A SINGLE INSTITUTION SERIES**
Upadhyaya, S., Muraszko, K., Garton, H., Maher, C., Robertson, P.
OXFORD UNIV PRESS INC.2014
- **Stent-assisted coil embolization of a symptomatic middle cerebral artery aneurysm in an infant** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Savastano, L. E., Chaudhary, N., Gemmete, J. J., Garton, H. J. L., Maher, C. O., Pandey, A. S.
2014; 14 (5): 550-554
- **Differences in vascular endothelial growth factor receptor expression and correlation with the degree of enhancement in medulloblastoma** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Hervey-Jumper, S. L., Garton, H. J. L., Lau, D., Altschuler, D., Quint, D. J., Robertson, P. L., Muraszko, K. M., Maher, C. O.
2014; 14 (2): 121-128
- **Subdural hygromas and arachnoid cysts RESPONSE** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Maher, C. O.
2014; 13 (5): 584-585

- **Efficacy of antibiotic-impregnated external ventricular drains in reducing ventriculostomy-associated infections** *JOURNAL OF CLINICAL NEUROSCIENCE*
Mikhaylov, Y., Wilson, T. J., Rajajee, V., Thompson, B. G., Maher, C. O., Sullivan, S. E., Jacobs, T. L., Kocan, M. J., Pandey, A. S.
2014; 21 (5): 765-768
- **Filum terminale lipomas: imaging prevalence, natural history, and conus position** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Cools, M. J., Al-Holou, W. N., Stetler, W. R., Wilson, T. J., Muraszko, K. M., Ibrahim, M., La Marca, F., Garton, H. J., Maher, C. O.
2014; 13 (5): 559-567
- **Malignant Cause of Ventriculoperitoneal Shunt 'Pseudocyst': A Case Report** *PEDIATRIC NEUROSURGERY*
Awori, J., Wu, C. Y., Maher, C. O.
2014; 50 (2): 73-75
- **Diagnosis and management of residual and recurrent cerebral aneurysms which have previously been coiled** *Surgical Endovascular Neuroradiology*
Pandey, A., Thompson, B., Maher, C., Chaudhary, N., Elias, A., Gemmete, J., Prestigiacamo C Thieme.2014
- **Pediatric Neurosurgery** *Current Diagnosis and Treatment: Surgery*
Song, D., Maher, C., Muraszko, K.
McGraw Hill.2014; 14th ed.
- **Stroke in Children** *Pediatric Neurosurgery: Tricks of the Trade*
Maher, C.
Cohen AR (ed.) Thieme.2014
- **The Role of CD133+Cells in a Recurrent Embryonal Tumor with Abundant Neuropil and True Rosettes (ETANTR)** *BRAIN PATHOLOGY*
Hervey-Jumper, S. L., Altshuler, D. B., Wang, A. C., He, X., Maher, C. O., Robertson, P. L., Garton, H. J. L., Fan, X., Muraszko, K. M., Camelo-Piragua, S.
2014; 24 (1): 45-51
- **Management of subdural hygromas associated with arachnoid cysts** *Clinical article JOURNAL OF NEUROSURGERY-PEDIATRICS*
Maher, C. O., Garton, H. J. L., Al-Holou, W. N., Trobe, J. D., Muraszko, K. M., Jackson, E. M.
2013; 12 (5): 434-443
- **Hemangiomas and propranolol** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Strahle, J., Odden, A. J., Maher, C. O., Garton, H. J. L.
2013; 12 (4): 418
- **Distribution of cerebellar tonsil position: implications for understanding Chiari malformation** *Clinical article JOURNAL OF NEUROSURGERY*
Smith, B. W., Strahle, J., Bapuraj, J., Muraszko, K. M., Garton, H. J. L., Maher, C. O.
2013; 119 (3): 812-819
- **Cerebellar tonsil position and Chiari malformation Response** *JOURNAL OF NEUROSURGERY*
Maher, C. O.
2013; 119 (3): 811
- **Macrovascular decompression of the median nerve for posttraumatic neuralgic limb pain** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Pabaney, A., Hervey-Jumper, S. L., Domino, J., Maher, C. O., Yang, L. J. S.
2013; 12 (3): 270-273
- **Incidental Findings in Children With Blunt Head Trauma Evaluated With Cranial CT Scans** *PEDIATRICS*
Rogers, A. J., Maher, C. O., Schunk, J. E., Quayle, K., Jacobs, E., Lichenstein, R., Powell, E., Miskin, M., Dayan, P., Holmes, J. F., Kuppermann, N., *Pediat Emergency Care Appl Res*
2013; 132 (2): E356-E363
- **Prasugrel is effective and safe for neurointerventional procedures** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*
Stetler, W. R., Chaudhary, N., Thompson, B., Gemmete, J. J., Maher, C. O., Pandey, A. S.
2013; 5 (4): 332-336

- **Prevalence and natural history of arachnoid cysts in adults** *JOURNAL OF NEUROSURGERY*
Al-Holou, W. N., Terman, S., Kilburg, C., Garton, H. J. L., Muraszko, K. M., Maher, C. O.
2013; 118 (2): 222-231
- **Moyamoya Syndrome Associated with Hemoglobin Southampton (Casper)** *PEDIATRIC NEUROSURGERY*
Delavari, N., Strahle, J., Maher, C. O.
2013; 49 (5): 307-310
- **Microsurgical and endovascular treatment of anterior circulation aneurysms** *Neurovascular Surgical Techniques*
Pandey, A., Elias, A., Maher, C., Thompson, B., Chaudhary, N., Gemmete, J.
Jabbour PM (ed.) Jaypee Medical Publishing.2013: 129-147
- **Natural History of Chiari Malformation** *The Chiari Malformations*
Maher, C.
Tubbs RS, Oakes J (eds.) Springer.2013: 227-239
- **Effect of Amusement Park Rides on Programmable Shunt Valve Settings** *PEDIATRIC NEUROSURGERY*
Strahle, J., Collins, K., Stetler, W. R., Smith, B. W., Garton, T., Garton, C., Garton, H. J. L., Maher, C. O.
2013; 49 (1): 21-23
- **Diffuse Pontine Lesions in Children with Neurofibromatosis Type 1: Making a Case for Unidentified Bright Objects** *PEDIATRIC NEUROSURGERY*
Hervey-Jumper, S. L., Singla, N., Gebarski, S. S., Robertson, P., Maher, C. O.
2013; 49 (1): 55-59
- **Initial experience with a combined multidetector CT and biplane digital subtraction angiography suite with a single interactive table for the diagnosis and treatment of neurovascular disease** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*
Gemmete, J. J., Chaudhary, N., Pandey, A. S., Oweis, Y., Thompson, B., Maher, C. O., Gandhi, D., Ansari, S. A.
2013; 5 (1): 73-80
- **Outcomes of Tethered Cord Repair With a Layered Soft Tissue Closure** *ANNALS OF PLASTIC SURGERY*
Levi, B., Sugg, K. B., Lien, S. C., Kasten, S. J., Muraszko, K. M., Maher, C. O., Buchman, S. R.
2013; 70 (1): 74-78
- **Cervical Arterial Injury After Blunt Trauma in Children: Characterization and Advanced Imaging** *JOURNAL OF PEDIATRIC ORTHOPAEDICS*
Tolhurst, S. R., Vanderhave, K. L., Caird, M. S., Garton, H. L., Graziano, G. P., Maher, C. O., Hensinger, R. N., Farley, F. A.
2013; 33 (1): 37-42
- **Is Insurance Status a Modifiable Factor in Brain Tumor Treatment Outcomes?** *ARCHIVES OF SURGERY*
Hervey-Jumper, S. L., Maher, C. O.
2012; 147 (11): 1025
- **Programmable shunt valve affected by exposure to a tablet computer Laboratory investigation** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Strahle, J., Selzer, B. J., Muraszko, K. M., Garton, H. J. L., Maher, C. O.
2012; 10 (2): 118-120
- **Mechanisms of Hydrocephalus After Neonatal and Adult Intraventricular Hemorrhage** *TRANSLATIONAL STROKE RESEARCH*
Strahle, J., Garton, H. J. L., Maher, C. O., Muraszko, K. M., Keep, R. F., Xi, G.
2012; 3: S25-S38
- **Natural history and imaging prevalence of cavernous malformations in children and young adults Clinical article** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Al-Holou, W. N., O'Lynn, T. M., Pandey, A. S., Gemmete, J. J., Thompson, B., Muraszko, K. M., Garton, H. J. L., Maher, C. O.
2012; 9 (2): 198-205
- **Spontaneous resolution of an infantile hemangioma in a dorsal root ganglion** *NEUROSURGICAL FOCUS*
Hervey-Jumper, S. L., McKeever, P. E., Gebarski, S. S., Muraszko, K. M., Maher, C. O.
2011; 31 (6): E16

- **Incidental findings on cranial imaging in nonagenarians** *NEUROSURGICAL FOCUS*
Al-Holou, W. N., Khan, A., Wilson, T. J., Stetler, W. R., Shah, G. V., Maher, C. O.
2011; 31 (6)
- **Tarlov cysts: a controversial lesion of the sacral spine** *NEUROSURGICAL FOCUS*
Lucantoni, C., Than, K. D., Wang, A. C., Valdivia-Valdivia, J. M., Maher, C. O., La Marca, F., Park, P.
2011; 31 (6): E14
- **Patient with Chiari malformation Type I presenting with inducible hemifacial weakness Case report** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Witt, C. E., Wang, A. C., Maher, C. O., Than, K. D., Garton, H. J. L., Muraszko, K. M.
2011; 8 (6): 620-624
- **Incidentally discovered lesions Introduction** *NEUROSURGICAL FOCUS*
Maher, C. O., Klimo, P., Smith, E. R.
2011; 31 (6): 1 p preceding E1
- **Prevalence and natural history of pineal cysts in adults Clinical article** *JOURNAL OF NEUROSURGERY*
Al-Holou, W. N., Terman, S. W., Kilburg, C., Garton, H. J. L., Muraszko, K. M., Chandler, W. F., Ibrahim, M., Maher, C. O.
2011; 115 (6): 1106-1114
- **Spontaneous intracranial hemorrhage and multiple intracranial aneurysms in a patient with Roberts/SC phocomelia syndrome** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Wang, A. C., Gemmete, J. J., Keegan, C. E., Witt, C. E., Muraszko, K. M., Than, K. D., Maher, C. O.
2011; 8 (5): 460-463
- **Pineal cysts RESPONSE** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Maher, C. O., Garton, H. J. L., Muraszko, K. M.
2011; 8 (4): 422
- **Benign sacrococcygeal teratoma with spinal canal invasion and paraplegia** *JOURNAL OF PEDIATRIC SURGERY*
Kunisaki, S. M., Maher, C. O., Powelson, I., Gemmete, J. J., Hirschl, R. B., Mychaliska, G. B.
2011; 46 (9): E1-E4
- **Chiari malformation associated with craniosynostosis** *NEUROSURGICAL FOCUS*
Strahle, J., Muraszko, K. M., Buchman, S. R., Kapurch, J., Garton, H. J. L., Maher, C. O.
2011; 31 (3): E2
- **Neurosurgical Management of Congenital Malformations of the Brain** *NEUROIMAGING CLINICS OF NORTH AMERICA*
Hervey-Jumper, S. L., Cohen-Gadol, A. A., Maher, C. O.
2011; 21 (3): 705+
- **Neurosurgical Management of Congenital Malformations and Inherited Disease of the Spine** *NEUROIMAGING CLINICS OF NORTH AMERICA*
Hervey-Jumper, S. L., Garton, H. J. L., Wetjen, N. M., Maher, C. O.
2011; 21 (3): 719+
- **Subtotal Excision With Adjunctive Sclerosing Therapy for the Treatment of Severe Symptomatic Orbital Lymphangiomas** *ARCHIVES OF OPHTHALMOLOGY*
Kahana, A., Bohnsack, B. L., Cho, R. I., Maher, C. O.
2011; 129 (8): 1073-1076
- **Natural history of Chiari malformation Type I following decision for conservative treatment Clinical article** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Strahle, J., Muraszko, K. M., Kapurch, J., Bapuraj, J., Garton, H. J. L., Maher, C. O.
2011; 8 (2): 214-221
- **The effect of age on arteriovenous malformations in children and young adults undergoing magnetic resonance imaging** *CHILDS NERVOUS SYSTEM*
O'Lynnner, T. M., Al-Holou, W. N., Gemmete, J. J., Pandey, A. S., Thompson, B., Garton, H. J. L., Maher, C. O.

2011; 27 (8): 1273-1279

- **Chiari malformation Type I and syrinx in children undergoing magnetic resonance imaging** Clinical article *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Strahle, J., Muraszko, K. M., Kapurch, J., Bapuraj, J., Garton, H. J. L., Maher, C. O.
2011; 8 (2): 205-213
- **Neurological complications of extracorporeal membrane oxygenation in children** Clinical article *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Hervey-Jumper, S. L., Annich, G. M., Yancon, A. R., Garton, H. J. L., Muraszko, K. M., Maher, C. O.
2011; 7 (4): 338-344
- **Long-Term Health Status in Benign External Hydrocephalus** *PEDIATRIC NEUROSURGERY*
Yew, A. Y., Maher, C. O., Muraszko, K. M., Garton, H. J. L.
2011; 47 (1): 1-6
- **The effectiveness of ventriculocystocisternostomy for suprasellar arachnoid cysts** Clinical article *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Maher, C. O., Goumnerova, L.
2011; 7 (1): 64-72
- **Harvey Cushing's experience with cranial deformity** *NEUROSURGICAL FOCUS*
Maher, C. O., Buchman, S. R., O'Hara, E., Cohen-Gadol, A. A.
2010; 29 (6): E6
- **Local and regional flap closure in myelomeningocele repair: a 15-year review** *CHILDS NERVOUS SYSTEM*
Lien, S. C., Maher, C. O., Garton, H. J. L., Kasten, S. J., Muraszko, K. M., Buchman, S. R.
2010; 26 (8): 1091-1095
- **Pediatric and Inherited Neurovascular Diseases** *NEUROSURGERY CLINICS OF NORTH AMERICA*
Vanaman, M. J., Hervey-Jumper, S. L., Maher, C. O.
2010; 21 (3): 427-+
- **Spinal Cord Vascular Malformations in Children** *NEUROSURGERY CLINICS OF NORTH AMERICA*
Song, D., Garton, H. J. L., Fahim, D. K., Maher, C. O.
2010; 21 (3): 503-+
- **Introduction to Pediatric Vascular Neurosurgery Preface** *NEUROSURGERY CLINICS OF NORTH AMERICA*
Klimo, P., Maher, C. O., Smith, E. R.
2010; 21 (3): XIII-XIV
- **Surgery for extratemporal nonlesional epilepsy in children: a meta-analysis** *CHILDS NERVOUS SYSTEM*
Ansari, S. F., Maher, C. O., Tubbs, R., Terry, C. L., Cohen-Gadol, A. A.
2010; 26 (7): 945-951
- **Prevalence and natural history of arachnoid cysts in children** Clinical article *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Al-Holou, W. N., Yew, A. Y., Boomsaad, Z. E., Garton, H. J. L., Muraszko, K. M., Maher, C. O.
2010; 5 (6): 578-585
- **Cerebrospinal fluid leak with recurrent meningitis following tonsillectomy** Case report *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Hervey-Jumper, S. L., Ghorri, A. K., Quint, D. J., Marentette, L. J., Maher, C. O.
2010; 5 (3): 302-305
- **The natural history of pineal cysts in children and young adults** Clinical article *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Al-Holou, W. N., Maher, C. O., Muraszko, K. M., Garton, H. J. L.
2010; 5 (2): 162-166
- **Primary Diffuse Leptomeningeal Oligodendroglioma** *PEDIATRIC NEUROSURGERY*
Hervey-Jumper, S. L., Jumper, M., Blaivas, M., Parmar, H. A., Robertson, P. L., Maher, C. O.
2010; 46 (4): 326-328

- **Removal of Ventricular Shunts** *PEDIATRIC NEUROSURGERY*
Al-Holou, W. N., Sack, J. A., Garton, H. J. L., Muraszko, K. M., Maher, C. O.
2010; 46 (3): 172-176
- **Distal revision of ventriculoperitoneal shunts using a peel-away sheath** *Technical note JOURNAL OF NEUROSURGERY-PEDIATRICS*
Tubbs, R., Maher, C. O., Young, R. L., Cohen-Gadol, A. A.
2009; 4 (4): 402-405
- **Urological outcome following multiple repeat spinal cord untethering operations** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Maher, C. O., Bauer, S. B., Goumnerova, L., Proctor, M. R., Madsen, J. R., Scott, R.
2009; 4 (3): 275-279
- **Prevalence of pineal cysts in children and young adults** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Al-Holou, W. N., Garton, H. J. L., Muraszko, K. M., Ibrahim, M., Maher, C. O.
2009; 4 (3): 230-236
- **The outcome of tethered cord release in secondary and multiple repeat tethered cord syndrome** *Clinical article*
Al-Holou, W. N., Muraszko, K. M., Garton, H. J., Buchman, S. R., Maher, C. O.
AMER ASSOC NEUROLOGICAL SURGEONS.2009: 28-36
- **Tethered cord release** *Response JOURNAL OF NEUROSURGERY-PEDIATRICS*
Maher, C. O., Garton, H. J., Muraszko, K. M.
2009; 4 (1): 27
- **Linear vein-based arteriovenous malformations in children** *Clinical article JOURNAL OF NEUROSURGERY-PEDIATRICS*
Maher, C. O., Scott, R.
2009; 4 (1): 12-16
- **Linear vein-based arteriovenous malformations** *Response JOURNAL OF NEUROSURGERY-PEDIATRICS*
Maher, C. O., Scott, R.
2009; 4 (1): 11
- **Nonaccidental head injury in children** *Historical vignette JOURNAL OF NEUROSURGERY-PEDIATRICS*
Al-Holou, W. N., O'Hara, E. A., Cohen-Gadol, A. A., Maher, C. O.
2009; 3 (6): 474-483
- **Calling things what they are** *Response JOURNAL OF NEUROSURGERY-PEDIATRICS*
Maher, C. O.
2009; 3 (6): 473
- **Secondary tethered cord syndrome in patients with myelomeningocele** *JOURNAL OF PEDIATRIC REHABILITATION MEDICINE*
Al-Holou, W. N., Garton, H. J. L., Muraszko, K. M., Maher, C. O.
2009; 2 (1): 29-36
- **Pediatric Neurosurgery** *Current Diagnosis and Treatment: Surgery*
Song, D., Maher, C., Muraszko, K.
Doherty G McGraw Hill.2009: 850-864
- **Transvenous embolization of a high-flow, posttraumatic fistula between the posterior communicating artery and retroclival venous plexus** *JOURNAL OF NEUROSURGERY*
Gandhi, D., Ansari, S. A., Thompson, B., Maher, C.
2009; 110 (1): 106-108
- **Recurrence of dysembryoplastic neuroepithelial tumor following resection** *PEDIATRIC NEUROSURGERY*
Maher, C. O., White, J., Scheithauer, B. W., Raffel, C.
2008; 44 (4): 333-336
- **Ophthalmic Segment Aneurysms** *Neurosurgical Operative Atlas 2E: Vascular Neurosurgery*
Day, A., Du, R., Maher, C.
Macdonald RL Thieme.2008: 7-13

- **Vascular Malformations of the spinal cord** *Surgery of the Pediatric Spine*
Maher , C., Smith , E., Proctor , M., Scott , R.
Kim DH, Betz RR, Huhn SL, Newton PO Thieme.2008: 337-343
- **Spinal disorders associated with skeletal dysplasias and syndromes** *NEUROSURGERY CLINICS OF NORTH AMERICA*
Song, D., Maher, C. O.
2007; 18 (3): 499-+
- **Outcome following multiple repeated spinal cord untethering operations** *JOURNAL OF NEUROSURGERY*
Maher, C. O., Goumnerova, L., Madsen, J. R., Proctor, M., Scott, R.
2007; 106 (6): 434-438
- **Very low pressure hydrocephalus - Report of two cases** *JOURNAL OF NEUROSURGERY*
Clarke, M. J., Maher, C. O., Nothdurft, G., Meyer, F.
2006; 105 (3): 475-478
- **Lumbar intramedullary spinal schistosomiasis presenting as progressive paraparesis: case report.** *Neurosurgery*
Kim, A. H., Maher, C. O., Smith, E. R.
2006; 58 (5): E996
- **Pediatric neurosurgery.** *Progress in neurological surgery*
Maher, C. O., Cohen-Gadol, A. A., Raffel, C.
2006; 19: 97-106
- **Pediatric Neurosurgery** *Guiding Neurosurgery by Evidence*
Maher , C., Cohen-Gadol , A., Raffel , C.
Pollock BE, ed Karger, Basel.2006: pp97-106
- **Central Nervous System Tumors** *Oncology: An evidence based approach*
Rao , R., Brown , P., Giannini , C., Maher , C., Meyer , F., Galanis , E., Erickson , B., Buckner , J.
Chang AE, Ganz PA, Hayes DF, Kinsella TJ, Pass HI, Schiller JH, Stone RM, Strecher VJ Springer Verlag.2006: 487-505
- **Cushing's experience with the surgical treatment of spinal dysraphism** *JOURNAL OF NEUROSURGERY*
Cohen-Gadol, A. A., Nahed, B. V., Voorhees, Maher, C. O., Spencer, D. D.
2005; 102 (4): 441-444
- **Transorbital penetrating brainstem injury in a child - Case report** *JOURNAL OF NEUROSURGERY*
Jacob, J. T., Cohen-Gadol, A. A., Maher, C. O., Meyer, F. B.
2005; 102 (3): 350-352
- **Primitive Neuroectodermal Tumors** *Cancer and the Nervous System*
Raffel , C., Maher , C.
Schiff D, O'Neill BP McGraw-Hill.2005: 415-430
- **Surgical treatment of pediatric cerebral aneurysms** *Pediatric Neurovascular Disease: Surgical and Endovascular Management*
Maher , C., Meyer , F.
Alexander MJ, Spetzler RF Thieme.2005: 83-89
- **Neurosurgical treatment of brain tumors in children** *PEDIATRIC CLINICS OF NORTH AMERICA*
Maher, C. O., Raffel, C.
2004; 51 (2): 327-+
- **The Unstable Spine after Trauma** *Tough Calls in Acute Neurology*
Cohen-Gadol, A., Maher , C., Krauss , W.
Rabinstein AA, Wijdicks EFM Elsevier.2004: 309- 318
- **Medulloblastoma** *Textbook of Neuro-Oncology*
Maher , C., Raffel , C.
Berger MS ans Brem H Elsevier.2004

- **Evaluation of a novel propylene oxide-treated collagen material as a dural substitute** *JOURNAL OF NEUROSURGERY*
Maher, C. O., Anderson, R. E., McClelland, R. L., Link, M. J.
2003; 99 (6): 1070-1076
- **Interleukin-1 β and adverse effects on cerebral blood flow during long-term global hypoperfusion** *JOURNAL OF NEUROSURGERY*
Maher, C. O., Anderson, R. E., Martin, H. S., McClelland, R. L., Meyer, F. B.
2003; 99 (5): 907-912
- **Cortical resection for epilepsy in children with linear sebaceous nevus syndrome** *PEDIATRIC NEUROSURGERY*
Maher, C. O., Cohen-Gadol, A. A., Raffel, C.
2003; 39 (3): 129-135
- **Arteriovenous malformation in the trigeminal nerve - Case report** *JOURNAL OF NEUROSURGERY*
Maher, C. O., Atkinson, J. L., Lane, J. I.
2003; 98 (4): 908-912
- **Surgical treatment of fibrous dysplasia of the skull in children** *PEDIATRIC NEUROSURGERY*
Maher, C. O., Friedman, J. A., Meyer, F. B., Lynch, J. J., Unni, K., Raffel, C.
2002; 37 (2): 87-92
- **Intraoperative lidocaine injection into the carotid sinus during endarterectomy** *JOURNAL OF NEUROSURGERY*
Maher, C. O., Wetjen, N. M., Friedman, J. A., Meyer, F. B.
2002; 97 (1): 80-83
- **Frontal lobe epilepsy: diagnosis and surgical treatment** *NEUROSURGICAL REVIEW*
Wetjen, N. M., Cohen-Gadol, A. A., Maher, C. O., Marsh, W. R., Meyer, F. B., Cascino, G. D.
2002; 25 (3): 119-138
- **Use of cerebrospinal fluid flow rates measured by phase-contrast MR to predict outcome of ventriculoperitoneal shunting for idiopathic normal-pressure hydrocephalus** *MAYO CLINIC PROCEEDINGS*
Dixon, G. R., Friedman, J. A., Luetmer, P. H., Quast, L. M., McClelland, R. L., Petersen, R. C., Maher, C. O., Ebersold, M. J.
2002; 77 (6): 509-514
- **Neuromuscular choristoma of the sciatic nerve - Case report** *JOURNAL OF NEUROSURGERY*
Maher, C. O., Spinner, R. J., Giannini, C., Scheithauer, B. W., Crum, B. A.
2002; 96 (6): 1123-1126
- **Spontaneous CSF leaks: Underlying disorder of connective tissue** *NEUROLOGY*
Mokri, B., Maher, C. O., Sencakova, D.
2002; 58 (5): 814-816
- **Spontaneous disc space infections in adults** *SURGICAL NEUROLOGY*
Friedman, J. A., Maher, C. O., Quast, L. M., McClelland, R. L., Ebersold, M. J.
2002; 57 (2): 81-86
- **Surgical procedures for nonatherosclerotic disorders of the extracranial carotid artery** *Textbook of Neurological Surgery: Principles and Practice*
Maher, C.
Batjer HH and Loftus CM Lippincott Williams and Wilkins.2002: 2270- 2279
- **Posterior fossa tumors in children** *Textbook of Neurological Surgery: Principles and Practice*
Maher, C., Friedman, J., Raffel, C.
Batjer HH and Loftus CM Lippincott Williams and Wilkins.2002: 985-998
- **Compelling reasons to screen brain in HHT - Response** *STROKE*
Maher, C. O., Piepgras, D. G., Brown, R. D., Friedman, J. A., Pollock, B. E.
2001; 32 (12): 2958
- **Remote cerebellar hemorrhage after supratentorial surgery** *NEUROSURGERY*
Friedman, J. A., Piepgras, D. G., Duke, D. A., McClelland, R. L., Bechtel, P. S., Maher, C. O., Morita, A., Perkins, W. J., Parisi, J. E., Brown, R. D.

2001; 49 (6): 1327-1340

- **Fatal progression of posttraumatic dural arteriovenous fistulas refractory to multimodal therapy - Case report** *JOURNAL OF NEUROSURGERY*
Friedman, J. A., Meyer, F. B., Nichols, D. A., Coffey, R. J., Hopkins, N., Maher, C. O., Meissner, I. D., Pollock, B. E.
2001; 94 (5): 831-835
- **Ischemic complications of surgery for anterior choroidal artery aneurysms** *JOURNAL OF NEUROSURGERY*
Friedman, J. A., Pichelmann, M. A., Piepgras, D. G., Atkinson, J. L., Maher, C. O., Meyer, F. B., Hansen, K. K.
2001; 94 (4): 565-572
- **Cerebrovascular manifestations in 321 cases of hereditary hemorrhagic telangiectasia** *STROKE*
Maher, C. O., Piepgras, D. G., Brown, R. D., Friedman, J. A., Pollock, B. E.
2001; 32 (4): 877-882
- **Refractory idiopathic intracranial hypertension treated with stereotactically planned ventriculoperitoneal shunt placement.** *Neurosurgical focus*
Maher, C. O., Garrity, J. A., Meyer, F. B.
2001; 10 (2): E1
- **Radiation induced vascular injury after stereotactic radiosurgery for trigeminal neuralgia: Case report** *SURGICAL NEUROLOGY*
Maher, C. O., Pollock, B. E.
2000; 54 (2): 189-193
- **Surgical treatment of spontaneous spinal cerebrospinal fluid leaks.** *Neurosurgical focus*
Maher, C. O., Meyer, F. B., Mokri, B.
2000; 9 (1): e7
- **Early vasculopathy following radiation in a child with medulloblastoma** *PEDIATRIC NEUROSURGERY*
Maher, C. O., Raffel, C.
2000; 32 (5): 255-258
- **Surgical treatment of nonatherosclerotic lesions of the extracranial carotid artery.** *Neurosurgery clinics of North America*
Maher, C. O., Meyer, F. B.
2000; 11 (2): 309-22
- **Lateral exit-zone stenosis and lumbar radiculopathy** *JOURNAL OF NEUROSURGERY*
Maher, C. O., Henderson, F. C.
1999; 90 (1): 52-58
- **Results of a thyroid monitoring survey carried out on workers exposed to 125I in São Paulo, Brazil.** *Health physics*
Bartolini, P., Ribela, M. T., Araujo, E. A.
1988; 55 (3): 511-5