



## Kristen Yeom

Associate Professor of Radiology and, by courtesy, of Neurosurgery at the Lucile Salter Packard Children's Hospital and the Stanford University Medical Center

Radiology - Pediatric Radiology

### CLINICAL OFFICES

- **LPCH Radiology**

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### Bio

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### CLINICAL FOCUS

- Pediatric Neuroradiology
- Neuroradiology

### ACADEMIC APPOINTMENTS

- Associate Professor - Med Center Line, Radiology - Pediatric Radiology
- Associate Professor - Med Center Line (By courtesy), Neurosurgery
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Society for Pediatric Radiology (2018 - present)
- Member, International Society for Magnetic Resonance in Medicine (2014 - present)
- Member, American Society of Pediatric Neuroradiology (2010 - present)
- Senior Member, American Society of Neuroradiology (2010 - present)
- Member, American Society of Functional Neuroradiology (2009 - present)
- Member, Radiological Society North America (2002 - present)

### PROFESSIONAL EDUCATION

- Medical Education: University of Michigan GME Training Verifications (2001) MI
- Internship: Oakwood Healthcare System (2002) MI
- Residency: UCLA Medical Center Radiology Fellowship (2006) CA
- Fellowship, Stanford University Neuroradiology, CA (2008)

- Board Certification: Diagnostic Radiology, American Board of Radiology (2006)
- Board Certification: Neuroradiology, American Board of Radiology (2008)

## Research & Scholarship

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### CLINICAL TRIALS

- In Vivo Characterization of Macrophages in Pediatric Patients With Malignant Brain Tumors Using Ferumoxytol-enhanced MRI, Recruiting

### PROJECTS

- Advanced MRI for Neuroimaging - Stanford University (7/21/2008 - present)
- Machine Learning Applications for Brain Tumor - Stanford University (1/1/2015 - present)
- Iron Oxide Nano-particle for Brain Tumor Inflammation - Stanford University (1/1/2015 - present)
- Deep Learning for Neural Development and Neurological Diseases - Stanford University (8/15/2017 - present)
- Neuroimaging Translations for Neurosurgical Applications - Stanford University (1/1/2013 - present)

## Publications

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### PUBLICATIONS

- **Age-Dependent White Matter Characteristics of the Cerebellar Peduncles from Infancy Through Adolescence** *CEREBELLUM*  
Bruckert, L., Shpanskaya, K., McKenna, E. S., Borchers, L. R., Yablonski, M., Blecher, T., Ben-Shachar, M., Travis, K. E., Feldman, H. M., Yeom, K. W.  
2019; 18 (3): 372–87
- **Age-Dependent White Matter Characteristics of the Cerebellar Peduncles from Infancy Through Adolescence.** *Cerebellum (London, England)*  
Bruckert, L., Shpanskaya, K., McKenna, E. S., Borchers, L. R., Yablonski, M., Blecher, T., Ben-Shachar, M., Travis, K. E., Feldman, H. M., Yeom, K. W.  
2019
- **A Review of Chronic Leukoencephalopathy among Survivors of Childhood Cancer.** *Pediatric neurology*  
Partap, S., Russo, S., Esfahani, B., Yeom, K., Mazewski, C., Embry, L., Wheeler, G., Ullrich, N. J., Bowers, D. C.  
2019
- **Arterial spin-labeling cerebral perfusion changes after revascularization surgery in pediatric moyamoya disease and syndrome.** *Journal of neurosurgery. Pediatrics*  
Quon, J. L., Kim, L. H., Lober, R. M., Maleki, M., Steinberg, G. K., Yeom, K. W.  
2019: 1–7
- **Deep Learning-Assisted Diagnosis of Cerebral Aneurysms Using the HeadXNet Model.** *JAMA network open*  
Park, A., Chute, C., Rajpurkar, P., Lou, J., Ball, R. L., Shpanskaya, K., Jabarkheel, R., Kim, L. H., McKenna, E., Tseng, J., Ni, J., Wishah, F., Wittber, et al  
2019; 2 (6): e195600
- **Long-term Supratentorial Radiological Effects of Surgery and Local Radiation in Children with Infratentorial Ependymoma.** *World neurosurgery*  
Yecies, D., Azad, T. D., Esparza, R., Quon, J., Forkert, N., MacEachern, S. J., Bruckert, L., Maleki, M., Edwards, M., Grant, G., Yeom, K.  
2018
- **Deep-learning-assisted diagnosis for knee magnetic resonance imaging: Development and retrospective validation of MRNet.** *PLoS medicine*  
Bien, N., Rajpurkar, P., Ball, R. L., Irvin, J., Park, A., Jones, E., Bereket, M., Patel, B. N., Yeom, K. W., Shpanskaya, K., Halabi, S., Zucker, E., Fanton, et al  
2018; 15 (11): e1002699
- **Deep learning for chest radiograph diagnosis: A retrospective comparison of the CheXNeXt algorithm to practicing radiologists.** *PLoS medicine*  
Rajpurkar, P., Irvin, J., Ball, R. L., Zhu, K., Yang, B., Mehta, H., Duan, T., Ding, D., Bagul, A., Langlotz, C. P., Patel, B. N., Yeom, K. W., Shpanskaya, et al  
2018; 15 (11): e1002686
- **Rapid-sequence brain magnetic resonance imaging for Chiari I abnormality** *JOURNAL OF NEUROSURGERY-PEDIATRICS*  
Pan, J., Quon, J. L., Johnson, E., Lanzman, B., Chukus, A., Ho, A. L., Edwards, M. B., Grant, G. A., Yeom, K. W.  
2018; 22 (2): 158–64

- **Safety of Dynamic MRI of the Cervical Spine in Children Performed Without Neurosurgical Supervision.** *World neurosurgery*  
Yecies, D., Fogel, N., Edwards, M., Grant, G., Yeom, K. W., Cheshier, S.  
2018
- **ASL PERFUSION IMAGING OF THE FRONTAL LOBES PREDICTS THE OCCURRENCE AND RESOLUTION OF POSTERIOR FOSSA SYNDROME**  
Yecies, D., Shpanskaya, K., Grant, G., Cheshier, S., Hong, D., Edwards, M., Yeom, K.  
OXFORD UNIV PRESS INC.2018: 170
- **Revealing sub-voxel motions of brain tissue using phase-based amplified MRI (aMRI).** *Magnetic resonance in medicine*  
Terem, I., Ni, W. W., Goubran, M., Rahimi, M. S., Zaharchuk, G., Yeom, K. W., Moseley, M. E., Kurt, M., Holdsworth, S. J.  
2018
- **Development of an optogenetic toolkit for neural circuit dissection in squirrel monkeys** *SCIENTIFIC REPORTS*  
O'Shea, D. J., Kalanithi, P., Ferenczi, E. A., Hsueh, B., Chandrasekaran, C., Goo, W., Diester, I., Ramakrishnan, C., Kaufman, M. T., Ryu, S. I., Yeom, K. W., Deisseroth, K., Shenoy, et al  
2018; 8: 6775
- **Framework for shape analysis of white matter fiber bundles** *NEUROIMAGE*  
Glozman, T., Bruckert, L., Pestilli, F., Yecies, D. W., Guibas, L. J., Yeom, K. W.  
2018; 167: 466–77
- **Clinical Evaluation of Silent T1-Weighted MRI and Silent MR Angiography of the Brain** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Holdsworth, S. J., Macpherson, S. J., Yeom, K. W., Wintermark, M., Zaharchuk, G.  
2018; 210 (2): 404–11
- **Isolated Intraorbital Frontosphenoidal Synostosis.** *The Journal of craniofacial surgery*  
Mittermiller, P. A., Yeom, K. W., Menard, R. M.  
2018; 29 (1): 82–87
- **Quantification of Macrophages in High-Grade Gliomas by Using Ferumoxytol-enhanced MRI: A Pilot Study.** *Radiology*  
Iv, M., Samghabadi, P., Holdsworth, S., Gentles, A., Rezaei, P., Harsh, G., Li, G., Thomas, R., Moseley, M., Daldrup-Link, H. E., Vogel, H., Wintermark, M., Cheshier, et al  
2018: 181204
- **High-resolution 3D volumetric contrast-enhanced MR angiography with a blood pool agent (ferumoxytol) for diagnostic evaluation of pediatric brain arteriovenous malformations.** *Journal of neurosurgery. Pediatrics*  
Iv, M., Choudhri, O., Dodd, R. L., Vasanawala, S. S., Alley, M. T., Moseley, M., Holdsworth, S. J., Grant, G., Cheshier, S., Yeom, K. W.  
2018: 1–10
- **The Utility of Collaterals as a Biomarker in Pediatric Unilateral Intracranial Arteriopathy** *PEDIATRIC NEUROLOGY*  
Elbers, J., Armstrong, D., Benseler, S. M., Dlamini, N., Steinberg, G. K., Yeom, K. W.  
2018; 78: 27–34
- **Prediction of cognitive and motor development in preterm children using exhaustive feature selection and cross-validation of near-term white matter microstructure** *NEUROIMAGE-CLINICAL*  
Schadl, K., Vassar, R., Cahill-Rowley, K., Yeom, K. W., Stevenson, D. K., Rose, J.  
2018; 17: 667–79
- **Fractal structure in the volumetric contrast enhancement of malignant gliomas as a marker of oxidative metabolic pathway gene expression** *TRANSLATIONAL CANCER RESEARCH*  
Miller, K. J., Berendsen, S., Seute, T., Yeom, K., Gephardt, M. H., Grant, G. A., Robe, P. A.  
2017; 6 (6): 1275+
- **CORRELATION OF VASARI-BASED MRI PHENOTYPES WITH MGMT AND IDH STATUS ACROSS GLIOMA GRADES: A STATISTICAL ANALYSIS IN 372 PATIENTS**  
Das, D., Yoon, B., Golden, L., Samghabadi, P., Vogel, H., Yeom, K., Iv, M., Massoud, T.  
OXFORD UNIV PRESS INC.2017: 150
- **THE EFFECT OF PATIENT AGE AT GLIOMA PRESENTATION ON MRI PHENOTYPE: A COMPREHENSIVE ANALYSIS OF VASARI-BASED FEATURE-SET CRITERIA IN 711 PATIENTS**

- Das, D., Yoon, B., Golden, L., Samghabadi, P., Vogel, H., Yeom, K., Iv, M., Massoud, T.  
OXFORD UNIV PRESS INC.2017: 158
- **The role of angiogenesis in Group 3 medulloblastoma pathogenesis and survival** *NEURO-ONCOLOGY*  
Thompson, E. M., Keir, S. T., Venkatraman, T., Lascola, C., Yeom, K. W., Nixon, A. B., Liu, Y., Picard, D., Remke, M., Bigner, D. D., Ramaswamy, V., Taylor, M. D.  
2017; 19 (9): 1217–27
  - **Chemoradiation impairs normal developmental cortical thinning in medulloblastoma.** *Journal of neuro-oncology*  
Kundu, P., Li, M. D., Durkee, B. Y., Hiniker, S. M., Bush, K., von Eyben, R., Monje, M. L., Yeom, K. W., Donaldson, S. S., Gibbs, I. C.  
2017
  - **Brain Perfusion and Diffusion Abnormalities in Children Treated for Posterior Fossa Brain Tumors.** *journal of pediatrics*  
Li, M. D., Forkert, N. D., Kundu, P., Ambler, C., Lober, R. M., Burns, T. C., Barnes, P. D., Gibbs, I. C., Grant, G. A., Fisher, P. G., Cheshier, S. H., Campen, C. J., Monje, et al  
2017
  - **Radiomics in Brain Tumor: Image Assessment, Quantitative Feature Descriptors, and Machine-Learning Approaches.** *AJNR. American journal of neuroradiology*  
Zhou, M., Scott, J., Chaudhury, B., Hall, L., Goldgof, D., Yeom, K. W., Iv, M., Ou, Y., Kalpathy-Cramer, J., Napel, S., Gillies, R., Gevaert, O., Gatenby, et al  
2017
  - **A PET/MR Imaging Approach for the Integrated Assessment of Chemotherapy-induced Brain, Heart, and Bone Injuries in Pediatric Cancer Survivors: A Pilot Study.** *Radiology*  
Theruvath, A. J., Ilivitzki, A., Muehe, A., Theruvath, J., Gulaka, P., Kim, C., Luna-Fineman, S., Sakamoto, K. M., Yeom, K. W., Yang, P., Moseley, M., Chan, F., Daldrup-Link, et al  
2017: 170073
  - **FRACTAL STRUCTURE IN THE VOLUMETRIC CONTRAST ENHANCEMENT OF MALIGNANT GLIOMAS AS A MARKER OF OXIDATIVE METABOLIC PATHWAY GENE EXPRESSION**  
Miller, K., Berendsen, S., Seute, T., Yeom, K., Gephardt, M., Grant, G., Robe, P.  
OXFORD UNIV PRESS INC.2016: 173
  - **Central Nervous System Perfusion Patterns in Childhood Langerhans Cell Histiocytosis**  
Yeom, K., Kim, C., Iv, M., Jeng, M.  
WILEY-BLACKWELL.2016: S36
  - **Sclerotherapy for lymphatic malformations of the head and neck in the pediatric population.** *Journal of neurointerventional surgery*  
Tu, J. H., Do, H. M., Patel, V., Yeom, K. W., Teng, J. M.  
2016
  - **Diagnosis and treatment of pediatric frontotemporal pits: report of 2 cases** *JOURNAL OF NEUROSURGERY-PEDIATRICS*  
Bliss, M., Grant, G., Tittler, E., Loven, T., Yeom, K. W., Sidell, D.  
2016; 18 (4): 471-474
  - **FRACTAL STRUCTURE ON GADOLINEUM-ENHANCED MRI SCANS CORRELATES WITH OXIDATIVE METABOLISM AND VEGF EXPRESSION IN GLIOBLASTOMA**  
Berendsen, S., Miller, K. J., Spliet, W. M., Van Hecke, W., Seute, T., Yeom, K., Hayden, M. G., Grant, G. A., Robe, P. A.  
OXFORD UNIV PRESS INC.2016: 38
  - **Gray Matter Growth Is Accompanied by Increasing Blood Flow and Decreasing Apparent Diffusion Coefficient during Childhood.** *AJNR. American journal of neuroradiology*  
Forkert, N. D., Li, M. D., Lober, R. M., Yeom, K. W.  
2016; 37 (9): 1738-1744
  - **Sirolimus for the treatment of venolymphatic and lymphatic malformations in children: A volumetric analysis**  
Tu, J. H., Cohn, H. I., Do, H. M., Yeom, K., Marqueling, A., Sofilos, M., Jeng, M., Teng, J.  
ELSEVIER SCIENCE INC.2016: S45
  - **Computational Identification of Tumor Anatomic Location Associated with Survival in 2 Large Cohorts of Human Primary Glioblastomas** *AMERICAN JOURNAL OF NEURORADIOLOGY*

- Liu, T. T., Achrol, A. S., MITCHELL, L. A., Du, W. A., Loya, J. J., Rodriguez, S. A., Feroze, A., Westbrook, E. M., Yeom, K. W., Stuart, J. M., Chang, S. D., Harsh, G. R., Rubin, et al  
2016; 37 (4): 621-628
- **Case Series: Fractional Anisotropy Profiles of the Cerebellar Peduncles in Adolescents Born Preterm With Ventricular Dilation** *JOURNAL OF CHILD NEUROLOGY*  
Travis, K. E., Leitner, Y., Ben-Shachar, M., Yeom, K. W., Feldman, H. M.  
2016; 31 (3): 321-327
  - **Tract Profiles of the Cerebellar White Matter Pathways in Children and Adolescents** *CEREBELLUM*  
Leitner, Y., Travis, K. E., Ben-Shachar, M., Yeom, K. W., Feldman, H. M.  
2015; 14 (6): 613-623
  - **Neonatal brain microstructure correlates of neurodevelopment and gait in preterm children 18-22 mo of age: an MRI and DTI study** *PEDIATRIC RESEARCH*  
Rose, J., Cahill-Rowley, K., Vassar, R., Yeom, K. W., Stecher, X., Stevenson, D. K., Hintz, S. R., Barnea-Goraly, N.  
2015; 78 (6): 700-708
  - **Are Neuroanatomical Changes in Pediatric Medulloblastoma Radiation Specific?**  
Kundu, P., Li, M., von Eyben, R., Bush, K., Durkee, B. Y., Monje-Deisseroth, M., Campen, C., Yeom, K., Gibbs, I. C.  
ELSEVIER SCIENCE INC.2015: S34
  - **Predicting Neuropsychological Late Effects in Medulloblastoma With Post Radiation Hippocampal Volume**  
Kundu, P., Moghbel, M., Li, M., von Eyben, R., Sweetin, J., Bush, K., Durkee, B. Y., Monje-Deisseroth, M., Campen, C., Yeom, K., Donaldson, S. S., Gibbs, I. C.  
ELSEVIER SCIENCE INC.2015: E507
  - **Magnetic resonance image features identify glioblastoma phenotypic subtypes with distinct molecular pathway activities.** *Science translational medicine*  
Itakura, H., Achrol, A. S., Mitchell, L. A., Loya, J. J., Liu, T., Westbrook, E. M., Feroze, A. H., Rodriguez, S., Echegaray, S., Azad, T. D., Yeom, K. W., Napel, S., Rubin, et al  
2015; 7 (303): 303ra138-?
  - **Pediatric Semicircular Canal Dehiscence: Radiographic and Histologic Prevalence, With Clinical Correlation** *OTOLOGY & NEUROTOLOGY*  
Meiklejohn, D. A., Corrales, C. E., Boldt, B. M., Sharon, J. D., Yeom, K. W., Carey, J. P., Blevins, N. H.  
2015; 36 (8): 1383-1389
  - **Focal Cerebral Arteriopathy: The Face With Many Names.** *Pediatric neurology*  
Tolani, A. T., Yeom, K. W., Elbers, J.  
2015; 53 (3): 247-252
  - **Susceptibility-weighted imaging and quantitative susceptibility mapping in the brain** *JOURNAL OF MAGNETIC RESONANCE IMAGING*  
Liu, C., Li, W., Tong, K. A., Yeom, K. W., Kuzminski, S.  
2015; 42 (1): 23-41
  - **Intensity-Corrected Dual-Echo Echo-Planar Imaging (DE-EPI) for Improved Pediatric Brain Diffusion Imaging** *PLOS ONE*  
Yeom, K. W., Straka, M., Iv, M., Moseley, M. E., Barnes, P. D., Skare, S., Holdsworth, S. J.  
2015; 10 (6)
  - **IMPACT OF MOLECULAR SUB-TYPE AND CRANIOSPINAL IRRADIATION (CSI) DOSE ON RELAPSE OF MEDULLOBLASTOMA**  
Wang, A., Partap, S., Yeom, K., Martinez, M., Vogel, H., Donaldson, S., Fisher, P., Perreault, S., Cho, Y., Gibbs, I.  
OXFORD UNIV PRESS INC.2015: 22
  - **Fast susceptibility-weighted imaging with three-dimensional short-axis propeller (SAP)-echo-planar imaging.** *Journal of magnetic resonance imaging*  
Holdsworth, S. J., Yeom, K. W., Moseley, M. E., Skare, S.  
2015; 41 (5): 1447-1453
  - **Decreased tumor apparent diffusion coefficient correlates with objective response of pediatric low-grade glioma to bevacizumab** *JOURNAL OF NEURO-ONCOLOGY*  
Hsu, C. H., Lober, R. M., Li, M. D., Partap, S., Murphy, P. A., Barnes, P. D., Fisher, P. G., Yeom, K. W.  
2015; 122 (3): 491-496
  - **Citrate concentrations increase with hypoperfusion in pediatric diffuse intrinsic pontine glioma** *JOURNAL OF NEURO-ONCOLOGY*

- Yeom, K. W., Lober, R. M., Nelson, M. D., Panigrahy, A., Bluemel, S.  
2015; 122 (2): 383-389
- **Imaging Neck Masses in the Neonate and Young Infant** *SEMINARS IN ULTRASOUND CT AND MRI*  
Tranvinh, E., Yeom, K. W., Iv, M.  
2015; 36 (2): 120-137
  - **Congenital Brain Malformations in the Neonatal and Early Infancy Period** *SEMINARS IN ULTRASOUND CT AND MRI*  
Kim, C., Yeom, K. W., Iv, M.  
2015; 36 (2): 97-119
  - **Effect of number of acquisitions in diffusion tensor imaging of the pediatric brain: optimizing scan time and diagnostic experience.** *Journal of neuroimaging*  
Soman, S., Holdsworth, S. J., Skare, S., Andre, J. B., Van, A. T., Aksoy, M., Bammer, R., Rosenberg, J., Barnes, P. D., Yeom, K. W.  
2015; 25 (2): 296-302
  - **Carbon dioxide laser for corpus callosotomy in the pediatric population.** *Journal of neurosurgery. Pediatrics*  
Choudhri, O., Lober, R. M., Camara-Quintana, J., Yeom, K. W., Guzman, R., Edwards, M. S.  
2015; 15 (3): 321-327
  - **Clinical applications of iron oxide nanoparticles for magnetic resonance imaging of brain tumors** *NANOMEDICINE*  
Iv, M., Telischak, N., Feng, D., Holdsworth, S. J., Yeom, K. W., Daldrup-Link, H. E.  
2015; 10 (6): 993-1018
  - **Intensity-Corrected Dual-Echo Echo-Planar Imaging (DE-EPI) for Improved Pediatric Brain Diffusion Imaging.** *PloS one*  
Yeom, K. W., Straka, M., Iv, M., Moseley, M. E., Barnes, P. D., Skare, S., Holdsworth, S. J.  
2015; 10 (6)
  - **Pediatric Semicircular Canal Dehiscence: Radiographic and Histologic Prevalence, With Clinical Correlation.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*  
Meiklejohn, D. A., Corrales, C. E., Boldt, B. M., Sharon, J. D., Yeom, K. W., Carey, J. P., Blevins, N. H.  
2015; 36 (8): 1383-89
  - **GLIOBLASTOMA SUBTYPES DEFINED BY QUANTITATIVE IMAGING MAP TO DIFFERENT CANONICAL SIGNALING PATHWAYS**  
Itakura, H., Achrol, A., Loya, J., Mitchell, L., Azad, T., Echegaray, S., Yeom, K., Napel, S., Harsh, G., Gevaert, O.  
OXFORD UNIV PRESS INC.2014
  - **Impact of Molecular Subtype and Craniospinal Irradiation (CSI) Dose on Relapse of Medulloblastoma**  
Wang, A., Partap, S., Yeom, K., Martinez, M., Vogel, H., Donaldson, S. S., Fisher, P. G., Perreault, S., Cho, Y., Gibbs, I. C.  
ELSEVIER SCIENCE INC.2014: S720-S721
  - **GLIOBLASTOMA SUBTYPES DEFINED BY QUANTITATIVE IMAGING MAP TO DIFFERENT CANONICAL SIGNALING PATHWAYS**  
Itakura, H., Achrol, A., Loya, J., Mitchell, L., Azad, T., Echegaray, S., Yeom, K., Napel, S., Harsh, G., Gevaert, O.  
OXFORD UNIV PRESS INC.2014
  - **MRI surrogates for molecular subgroups of medulloblastoma.** *AJNR. American journal of neuroradiology*  
Perreault, S., Ramaswamy, V., Achrol, A. S., Chao, K., Liu, T. T., Shih, D., Remke, M., Schubert, S., Bouffet, E., Fisher, P. G., Partap, S., Vogel, H., Taylor, et al  
2014; 35 (7): 1263-1269
  - **Diffusion-weighted imaging with dual-echo echo-planar imaging for better sensitivity to acute stroke.** *AJNR. American journal of neuroradiology*  
Holdsworth, S. J., Yeom, K. W., Antonucci, M. U., Andre, J. B., Rosenberg, J., Aksoy, M., Straka, M., Fischbein, N. J., Bammer, R., Moseley, M. E., Zaharchuk, G., Skare, S.  
2014; 35 (7): 1293-1302
  - **Hydrocephalus decreases arterial spin-labeled cerebral perfusion.** *AJNR. American journal of neuroradiology*  
Yeom, K. W., Lober, R. M., Alexander, A., Cheshier, S. H., Edwards, M. S.  
2014; 35 (7): 1433-1439
  - **Successful Treatment with Temozolomide Combined with Chemoradiotherapy and Surgery of a Metastatic Undifferentiated Soft Tissue Sarcoma with Relapse in the Central Nervous System of a Young Adult** *JOURNAL OF ADOLESCENT AND YOUNG ADULT ONCOLOGY*  
Hsu, C. H., Daldrup-Link, H. E., Yeom, K. W., Donaldson, S. S., Million, L., Hazard, F. K., Rangaswami, A.

2014; 3 (2): 100-103

- **UNRAVELING THE TALE OF MEDULLOBLASTOMA: IMPACT OF MOLECULAR SUB-TYPE AND CRANIOSPINAL IRRADIATION (CSI) DOSE ON RELAPSE**  
Gibbs, I. C., Partap, S., Yeom, K., Martinez, M., Vogel, H., Donaldson, S. S., Fisher, P., Perreault, S., Cho, Y.  
OXFORD UNIV PRESS INC.2014: 82-83
- **Semiautomatic segmentation and follow-up of multicomponent low-grade tumors in longitudinal brain MRI studies.** *Medical physics*  
Weizman, L., Sira, L. B., Joskowicz, L., Rubin, D. L., Yeom, K. W., Constantini, S., Shofty, B., Bashat, D. B.  
2014; 41 (5): 052303-?
- **Time-dependent structural changes of the dentothalamic pathway in children treated for posterior fossa tumor.** *AJNR. American journal of neuroradiology*  
Perreault, S., Lober, R. M., Cheshier, S., Partap, S., Edwards, M. S., Yeom, K. W.  
2014; 35 (4): 803-807
- **Tectal pineal cyst in a 1-year-old girl.** *Human pathology*  
Plowey, E. D., Vogel, H., Yeom, K. W., Jung, H., Chao, K., Edwards, M. S.  
2014; 45 (3): 653-656
- **Diffusion-weighted MRI derived apparent diffusion coefficient identifies prognostically distinct subgroups of pediatric diffuse intrinsic pontine glioma.** *Journal of neuro-oncology*  
Lober, R. M., Cho, Y., Tang, Y., Barnes, P. D., Edwards, M. S., Vogel, H., Fisher, P. G., Monje, M., Yeom, K. W.  
2014; 117 (1): 175-182
- **Surveillance imaging in children with malignant CNS tumors: low yield of spine MRI.** *Journal of neuro-oncology*  
Perreault, S., Lober, R. M., Carret, A., Zhang, G., Hershon, L., Décarie, J., Vogel, H., Yeom, K. W., Fisher, P. G., Partap, S.  
2014; 116 (3): 617-623
- **Arterial spin-labeled perfusion of pediatric brain tumors.** *AJNR. American journal of neuroradiology*  
Yeom, K. W., MITCHELL, L. A., Lober, R. M., Barnes, P. D., Vogel, H., Fisher, P. G., Edwards, M. S.  
2014; 35 (2): 395-401
- **Improved T2\* Imaging without Increase in Scan Time: SWI Processing of 2D Gradient Echo.** *AJNR. American journal of neuroradiology*  
Soman, S., Holdsworth, S. J., Barnes, P. D., Rosenberg, J., Andre, J. B., Bammer, R., Yeom, K. W.  
2013; 34 (11): 2092-2097
- **Increased focal hemosiderin deposition in pediatric medulloblastoma patients receiving radiotherapy at a later age.** *Journal of neurosurgery. Pediatrics*  
Yeom, K. W., Lober, R. M., Partap, S., Telischak, N., Tsolinas, R., Barnes, P. D., Edwards, M. S.  
2013; 12 (5): 444-451
- **Relapse patterns in pediatric embryonal central nervous system tumors** *JOURNAL OF NEURO-ONCOLOGY*  
Perreault, S., Lober, R. M., Carret, A., Zhang, G., Hershon, L., Decarie, J., Yeom, K., Vogel, H., Fisher, P. G., Partap, S.  
2013; 115 (2): 209-215
- **Reduced Cerebral Arterial Spin-Labeled Perfusion in Children with Neurofibromatosis Type 1** *AMERICAN JOURNAL OF NEURORADIOLOGY*  
Yeom, K. W., Lober, R. M., Barnes, P. D., Campen, C. J.  
2013; 34 (9): 1823-1828
- **Prognostic role for diffusion-weighted imaging of pediatric optic pathway glioma.** *Journal of neuro-oncology*  
Yeom, K. W., Lober, R. M., Andre, J. B., Fisher, P. G., Barnes, P. D., Edwards, M. S., Partap, S.  
2013; 113 (3): 479-483
- **Case series: fractional anisotropy along the trajectory of selected white matter tracts in adolescents born preterm with ventricular dilation.** *Journal of child neurology*  
Myall, N. J., Yeom, K. W., Yeatman, J. D., Gaman-Bean, S., Feldman, H. M.  
2013; 28 (6): 774-780
- **Diffusion-weighted MRI: distinction of skull base chordoma from chondrosarcoma.** *AJNR. American journal of neuroradiology*  
Yeom, K. W., Lober, R. M., Mobley, B. C., Harsh, G., Vogel, H., Allagio, R., Pearson, M., Edwards, M. S., Fischbein, N. J.  
2013; 34 (5): 1056-?

- **Comparison of Readout-Segmented Echo-Planar Imaging (EPI) and Single-Shot EPI in Clinical Application of Diffusion-Weighted Imaging of the Pediatric Brain.** *AJR. American journal of roentgenology*  
Yeom, K. W., Holdsworth, S. J., Van, A. T., Iv, M., Skare, S., Lober, R. M., Bammer, R.  
2013; 200 (5): W437-43
- **Diffusion-Weighted MRI: Distinction of Skull Base Chordoma from Chondrosarcoma.** *AJNR. American journal of neuroradiology*  
Yeom, K. W., Lober, R. M., Mobley, B. C., Harsh, G., Vogel, H., Allagio, R., Pearson, M., Edwards, M. S., Fischbein, N. J.  
2013; 34 (5): 1056-1061
- **Case Report of Subdural Hematoma in a Patient With Sturge-Weber Syndrome and Literature Review: Questions and Implications for Therapy** *JOURNAL OF CHILD NEUROLOGY*  
Lopez, J., Yeom, K. W., Comi, A., Van Haren, K.  
2013; 28 (5): 672-675
- **Comparison of the diagnostic value of MR imaging and ophthalmoscopy for the staging of retinoblastoma** *EUROPEAN RADIOLOGY*  
Khurana, A., Eisenhut, C. A., Wan, W., Ebrahimi, K. B., Patel, C., O'Brien, J. M., Yeom, K., Daldrup-Link, H. E.  
2013; 23 (5): 1271-1280
- **Distinctive MRI Features of Pediatric Medulloblastoma Subtypes** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Yeom, K. W., Mobley, B. C., Lober, R. M., Andre, J. B., Partap, S., Vogel, H., Barnes, P. D.  
2013; 200 (4): 895-903
- **Language and reading skills in school-aged children and adolescents born preterm are associated with white matter properties on diffusion tensor imaging** *NEUROPSYCHOLOGIA*  
Feldman, H. M., Lee, E. S., Yeatman, J. D., Yeom, K. W.  
2012; 50 (14): 3348-3362
- **Diffusion tensor imaging (DTI) with retrospective motion correction for large-scale pediatric imaging** *JOURNAL OF MAGNETIC RESONANCE IMAGING*  
Holdsworth, S. J., Aksoy, M., Newbould, R. D., Yeom, K., Van, A. T., Ooi, M. B., Barnes, P. D., Bammer, R., Skare, S.  
2012; 36 (4): 961-971
- **DIFFERENT RELAPSE PATTERNS IN EMBRYONAL CNS TUMORS**  
Perreault, S., Lober, R. M., Zhang, G., Hershon, L., Decarie, J., Yeom, K., Vogel, H., Partap, S., Carret, A., Fisher, P. G.  
OXFORD UNIV PRESS INC.2012: 123
- **Application of diffusion tensor tractography in pediatric optic pathway glioma.** *Journal of neurosurgery. Pediatrics*  
Lober, R. M., Guzman, R., Cheshier, S. H., Fredrick, D. R., Edwards, M. S., Yeom, K. W.  
2012; 10 (4): 273-280
- **White matter microstructure on diffusion tensor imaging is associated with conventional magnetic resonance imaging findings and cognitive function in adolescents born preterm** *DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY*  
Feldman, H. M., Lee, E. S., Loe, I. M., Yeom, K. W., Grill-Spector, K., Luna, B.  
2012; 54 (9): 809-814
- **Oculomotor Assessments of Executive Function in Preterm Children** *JOURNAL OF PEDIATRICS*  
Loe, I. M., Luna, B., Bledsoe, I. O., Yeom, K. W., Fritz, B. L., Feldman, H. M.  
2012; 161 (3): 427-?
- **High-Resolution MR Imaging of the Orbit in Patients with Retinoblastoma** *RADIOGRAPHICS*  
Rauschecker, A. M., Patel, C. V., Yeom, K. W., Eisenhut, C. A., Gawande, R. S., O'Brien, J. M., Ebrahimi, K. B., Daldrup-Link, H. E.  
2012; 32 (5): 1307-1326
- **Response to Larry R. White's Letter to the Editor Titled "Comparison of CT, PET, and PET/CT for Staging of Patients with Indolent Non-Hodgkin's Lymphoma: Statistical Errors in Fueger et al. (2009)"** *MOLECULAR IMAGING AND BIOLOGY*  
Fueger, B. J., Yeom, K., Czernin, J., Sayre, J. W., Phelps, M. E., Allen-Auerbach, M. S.  
2012; 14 (4): 399-401
- **INJURY TO DENTATE NUCLEI AND EFFERENT FIBERS BY PEDIATRIC POSTERIOR FOSSA TUMORS**  
Lober, R., Perrault, S., Partap, S., Edwards, M., Fisher, P., Yeom, K.  
OXFORD UNIV PRESS INC.2012: 132-33



- **SURVEILLANCE SPINE MRIS TO DETECT TUMOR RELAPSE IN PATIENTS WITH MEDULLOBLASTOMA**  
Perreault, S., Lober, R., Yeom, K., Carret, A., Vogel, H., Partap, S., Fisher, P.  
OXFORD UNIV PRESS INC.2012: 143
- **CLUES TO PONTINE GLIOMAGENESIS FROM CHILDHOOD PONTINE GLIOGENESIS**  
Lober, R., Freret, M., Fisher, P., Edwards, M., Yeom, K., Monje, M.  
OXFORD UNIV PRESS INC.2012: 27
- **ASL CEREBRAL PERFUSION DIFFERENCES BETWEEN HIGH-GRADE AND LOW-GRADE PEDIATRIC BRAIN TUMORS** *16th Annual Scientific Meeting of the Society-for-Neuro-Oncology (SNO)/AANS/CNS Section on Tumors*  
Campen, C. J., Soman, S., Fisher, P. G., Edwards, M. S., Yeom, K. W.  
OXFORD UNIV PRESS INC.2011: 142-142
- **PROGNOSTIC ROLE OF DIFFUSION-WEIGHTED MRI IN PEDIATRIC OPTIC PATHWAY GLIOMA**  
Yeom, K., Rosenberg, J., Andre, J. B., Fisher, P. G., Edwards, M. S., Barnes, P. D., Partap, S.  
OXFORD UNIV PRESS INC.2011: 139-40
- **Diminished ASL intracranial perfusion in children with Neurofibromatosis Type 1**  
Campen, C. J., Rosenberg, J. K., Yeom, K. W.  
WILEY-BLACKWELL.2011: S118
- **Clinical Application of Readout-Segmented-Echo-Planar Imaging for Diffusion-Weighted Imaging in Pediatric Brain** *AMERICAN JOURNAL OF NEURORADIOLOGY*  
Holdsworth, S. J., Yeom, K., Skare, S., Gentles, A. J., Barnes, P. D., Bammer, R.  
2011; 32 (7): 1274-1279
- **Effect of chronic red cell transfusion therapy on vasculopathies and silent infarcts in patients with sickle cell disease** *AMERICAN JOURNAL OF HEMATOLOGY*  
Gyang, E., Yeom, K., Hoppe, C., Partap, S., Jeng, M.  
2011; 86 (1): 104-106
- **USE OF DIFFUSION TENSOR IMAGING IN THE EVALUATION OF BRAIN INJURY IN ADOLESCENTS BORN PRETERM**  
Gaman-Bean, S., Yeatman, J., Lee, E., Yeom, K., Feldman, H.  
LIPPINCOTT WILLIAMS & WILKINS.2011: 95-96
- **Loss of SMARCB1/INI1 expression in poorly differentiated chordomas** *ACTA NEUROPATHOLOGICA*  
Mobley, B. C., McKenney, J. K., Bangs, C. D., Callahan, K., Yeom, K. W., Schneppenheim, R., Hayden, M. G., Cherry, A. M., Gokden, M., Edwards, M. S., Fisher, P. G., Vogel, H.  
2010; 120 (6): 745-753
- **Langerhans cell histiocytosis in a 5-month-old presenting with biparietal masses Case report** *JOURNAL OF NEUROSURGERY-PEDIATRICS*  
Pricola, K. L., Karamchandani, J., Vogel, H., Dahl, G. V., Yeom, K. W., Edwards, M. S., Guzman, R.  
2010; 6 (4): 393-397
- **PROGNOSTIC FEATURES OF CHILDHOOD MEDULLOBLASTOMA BY MAGNETIC RESONANCE IMAGING**  
Yeom, K., Andre, J. B., Rosenberg, J. K., Mobley, B. C., Vogel, H., Fisher, P. G., Edwards, M. B., Barnes, P. D., Partap, S.  
OXFORD UNIV PRESS INC.2010: II7
- **EFFECT OF PATIENT AGE AND RADIOTHERAPY DOSAGE ON THE INCIDENCE OF MAGNETIC RESONANCE IMAGING (MRI) DETECTED MICROHEMORRHAGE FOLLOWING TREATMENT FOR PEDIATRIC MEDULLOBLASTOMA**  
Partap, S., Rosenberg, J. K., Telischak, N., Minn, Y., Fisher, P. G., Edwards, M. B., Barnes, P. D., Yeom, K.  
OXFORD UNIV PRESS INC.2010: III15
- **Recurrent Pediatric Ganglion Cell Tumors**  
Mobley, B., Minn, Y., Yeom, K., Fisher, P., Vogel, H.  
LIPPINCOTT WILLIAMS & WILKINS.2010: 537-38
- **Cerebrovascular disease in childhood cancer survivors A Children's Oncology Group Report** *NEUROLOGY*  
Morris, B., Partap, S., Yeom, K., Gibbs, I. C., Fisher, P. G., King, A. A.  
2009; 73 (22): 1906-1913

- **Comparison of CT, PET, and PET/CT for Staging of Patients with Indolent Non-Hodgkin's Lymphoma** *MOLECULAR IMAGING AND BIOLOGY*  
Fueger, B. J., Yeom, K., Czernin, J., Sayre, J. W., Phelps, M. E., Allen-Auerbach, M. S.  
2009; 11 (4): 269-274
- **Severe Encephalomyelitis in an Immunocompetent Adult with Chromosomally Integrated Human Herpesvirus 6 and Clinical Response to Treatment with Foscarnet plus Ganciclovir** *CLINICAL INFECTIOUS DISEASES*  
Troy, S. B., Blackburn, B. G., Yeom, K., Caulfield, A. K., Bhargoo, M. S., Montoya, J. G.  
2008; 47 (12): E93-E96
- **Evaluation of suspected local recurrence in head and neck cancer: A comparison between PET and PET/CT for biopsy proven lesions** *EUROPEAN JOURNAL OF RADIOLOGY*  
Halpern, B. S., Yeom, K., Fueger, B. J., Lufkin, R. B., Czernin, J., Allen-Auerbach, M.  
2007; 62 (2): 199-204
- **Standard PET/CT of the chest during shallow breathing is inadequate for comprehensive staging of lung cancer** *JOURNAL OF NUCLEAR MEDICINE*  
Allen-Auerbach, M., Yeom, K., Park, J., Phelps, M., Czernin, J.  
2006; 47 (2): 298-301
- **Computed tomographic scanning reduces cost and time of complete spine evaluation** *16th Annual Meeting of the Eastern-Association-for-the-Surgery-of-Trauma*  
Brandt, M. M., Wahl, W. L., Yeom, K., Kazerooni, E., Wang, S. C.  
LIPPINCOTT WILLIAMS & WILKINS.2004: 1022-26
- **Antibodies to HSP-70 in normal donors and autoimmune hearing loss patients** *Midwinter Meeting of the Association-for-Research-in-Otolaryngology*  
Yeom, K., Gray, J., Nair, T. S., Arts, H. A., Telian, S. A., Disher, M. J., El-Kashlan, H., Sataloff, R. T., Fisher, S. G., Carey, T. E.  
JOHN WILEY & SONS INC.2003: 1770-76