

Surjith Vattoth, MBBS, DMRD, MD, DNB, FRCR (UK)
University of Alabama at Birmingham - Department of Radiology
School of Medicine Faculty

BIBLIOGRAPHY:

PEER-REVIEWED JOURNAL ARTICLES:

1. State of the art epilepsy imaging: an update. Vattoth S, Palot Manzil FF, Singhal A, Riley KO, Bag AK. Clin Nucl Med. 2014;39(6):511-26.
2. Ghatalia PA, Vick A, **Vattoth S**, Roberson GH, Pappas PG. Reversible blindness in cryptococcal meningitis with normal intracranial pressure: case report and review of the literature. **Clin Infect Dis**. 2014 Apr 4. [Epub ahead of print] PMID: 24704725
3. Gaddikeri S, **Vattoth S**, Gaddikeri RS, Stuart R, Harrison K, Young D, Bhargava P. Congenital Cystic Neck Masses: Embryology and Imaging Appearances, With Clinicopathological Correlation. **Current Problems in Diagnostic Radiology**. 2014 March; 43(2), 55-67.
4. Telford R, **Vattoth S**. MR Anatomy of Deep Brain Nuclei with Special Reference to Specific Diseases and Deep Brain Stimulation Localization. **Neuroradiol J**. 2014 Feb 28;27(1):29-43.
5. **Vattoth S**, DeLappe RS, Chapman PR. Endocranial lesions. **Seminars in Ultrasound, CT and MRI**. 2013;34:393-411.
6. Chaaban MR, Woodworth BA, **Vattoth S**, Tubbs S, Riley KO. Surgical approaches to central skull base and postsurgical imaging. **Seminars in Ultrasound, CT and MRI**. 2013;34:476-489.
7. Chapman PR, Gaddamanugu S, Bag AK, Roth NT, **Vattoth S**. Vascular lesions of the central skull base region. **Seminars in Ultrasound, CT and MRI**. 2013;34:459-475.
8. Gaddikeri S, **Vattoth S**, Riley KO, Dehoff GW, Smith CB, Combs JT, Roberson GH. Rathke cleft cyst. MRI criteria for presumptive diagnosis. **Neurosciences**. 2013;18(3):258-63.
9. Palot Manzil FF, Bhambhvani PG, **Vattoth S**, Subedi SK, Bag AK, O'Malley JP. Primary hyperparathyroidism-related brown tumors mimicking other giant cell-containing skeletal tumors: Role of correlative imaging in diagnosis. **J Nucl Med Technol** 2013;41(1):46-8.
10. **Vattoth S**, Compton CJ, Roberson GH, Vaphiades MS. Susac syndrome: A differential diagnosis for demyelination. **Neurosciences** 2013;18(1):74-78.
11. Cure' JK, **Vattoth S**, Shah R. Radiopaque Jaw Lesions: An Approach to the Differential Diagnosis. **Radiographics**. 2012 32:1909-1925

12. Shah R, **Vattoth S**, Jacob R, Manzil FF, O'Malley JP, Borghei P, Patel BN, Cure' JK. Radiation necrosis in the brain: Imaging features and differentiation from tumor recurrence. **Radiographics**. 2012; 32(5):1343-59.
13. DeLappe S, **Vattoth S**, Sonawane SK. Esophageal entrapment with blunt thoracic spinal trauma. **Emerg Radiol** 2013 Jun;20(3):243-6.
14. Abdel-Aal Ak, Hamed MF, Nasser S. Al Naief, **Vattoth S**, Bag A. Unusual appearance and presentation of supratentorial subependymoma in an adult patient. **J Radiol Case Rep**. 2012; 6(8):8-16.
15. Abdel-Aal AK, Saddekni S, Underwood E, Oser RF, **Vattoth S**. Innumerable bilateral pulmonary arteriovenous malformations: Percutaneous transcatheter embolization using amplatzer vascular plug. **Vasc Endovascular Surg** 2012; 46(6):475-479.
16. **Vattoth S**, Shah R, Cure' JK. A compartment-based approach for the imaging evaluation of tinnitus. **AJNR Am J Neuroradiol** 2010; 31:211-218
17. **Vattoth S**, Cure' JK. CT imaging in Head and Neck Lupus Panniculitis. **AJNR Am J Neuroradiol**. 2009; 30:1131-1133
18. Pandey T, Al Shammeri N, Alexander S, **Vattoth S**. Elastofibroma Dorsi: An under diagnosed entity -Clinical, Imaging and Pathological features. **KMJ Kuwait Medical Journal** 2009, 41(1):13-19.
19. **Vattoth S**, Kim YS, Norman E, Roberson GH. Spontaneous Resolution of Cavum Veli Interpositi: A Case Report and Review of the Literature of Spontaneous Resolution of Related Cystic Lesions. **The Neuroradiology Journal** 2008; 21:805-809.
20. Sonwalkar SA, Shah RS, Khan FK, Gupta AK, Bodhey NK, **Vattoth S**, Purkayastha S. Imaging features in Hirayama disease **Neurology India** 2008; 56:1; 22-26
21. Eluvathingal Muttikkal TJ, **Vattoth S**, V.N. Keluth Chavan VN, A. Ben Nakhi A, Sajeev Pynadath Joseph V. Periolandic sparing and pituitary apoplexy in adult brain with global hypoxia. **The Neuroradiology Journal** 2007; 20: 505-509
22. IbrahimAbdulla JK, **Vattoth S**, Al-Tawari AA, Pandey T, Abubacker S. Brain MRI features of Merosin Negative Congenital Muscular Dystrophy. **Australasian Radiology** 2007; 51 B: 221-223
23. **Vattoth S**, Pandey T, Al-Tawari AA, Makar R, Ibrahim Abdulla JK. Partial Rhombencephalosynapsis of superior cerebellum associated with GM1 gangliosidosis. **The Neuroradiology Journal** 2007; 20:182-185
24. Eluvathingal Muttikkal TJ, **Vattoth S**, Keluth Chavan VN. Susac syndrome in a young child. **Pediatric Radiology** 2007; 37: 710-713
25. **Vattoth S**, Cherian J, Pandey T. Magnetic resonance angiographic demonstration of carotid-cavernous fistula using elliptical centric time resolved imaging of contrast kinetics (EC-TRICKS). **Magnetic Resonance Imaging** 2007; 25: 1227-1231

26. Purkayastha S, **Vattoth S**, Gupta AK, Bodhey NK, Thomas B. Endovascular coiling of ruptured internal iliac artery aneurysm in a leukemia patient. *IJRI Ind J Radiol Imag* 2006 16:1:59-61
27. Purkayastha S, Gupta AK, Varma DR, Bodhey NK, **Vattoth S**. Absence of the Left Common Carotid Artery with Cervical Origin of the Right Subclavian Artery. *AJNR Am J Neuroradiol* 2006; 27: 708-711.
28. Thomas B, Purkayastha S, **Vattoth S**, Gupta AK. CT Cisternography of paradoxical cerebrospinal fluid rhinorrhea after operation for acoustic neuroma *Rivista di Neuroradiologia* 2005;18(5-6):555-558
29. Gupta AK, Purkayastha S, Unnikrishnan M, **Vattoth S**, Krishnamoorthy T, Kesavadas C. Hyperperfusion syndrome after supraaortic vessel interventions and bypass surgery *J Neuroradiol*. 2005; 32 (5):352-8.
30. **Vattoth S**, Sukalyan Purkayastha S, Jayadevan ER, Gupta AK. Bilateral Cerebral Venous Angioma Associated with Varices. *AJNR Am J Neuroradiol*. 2005; 26: 2320-2322
31. Gupta AK, **Vattoth S**, Kapilamoorthy TR, Purkayastha S, Chandran V. Cutting Balloon Angioplasty in Type1 Aortoarteritis. *Rivista Di Neuroradiologia* 2004; 17 (5): 693-698.

Other Publications:

32. Ultrasound and Color Doppler Imaging of Renal Transplant (Thesis work for Radiology Residency at Calicut medical college which was published and submitted to Calicut University in June 2003 to fulfill the requirements for MD Radiodiagnosis degree)

BOOKS:

Books and Book Chapters

33. Bag AK, Ellika S, **Vattoth S**. Central Nervous System Infection. In: Saba L and Suri JS, eds, Multi-Detector CT Imaging: Principles, Head, Neck and Vascular Systems. 1st ed. CRC Press; 2013 pp 229-258. Print ISBN: 978-1-4398-9380-7. eBook ISBN: 978-1-4398-9384-5.
34. **Vattoth S**, Sullivan JC. Brain and Spine Anatomy. In: Canon CL, ed, Radiology: Specialty Board Review 1st ed. McGraw-Hill; 2010 pp 4-16.
35. **Vattoth S**, Sullivan JC. Developmental Disorders. In: Canon CL, ed, Radiology: Specialty Board Review 1st ed. McGraw-Hill; 2010 pp 16-28.
36. **Vattoth S**, Sullivan JC. Face and Neck Anatomy. In: Canon CL, ed, Radiology: Specialty Board Review 1st ed. McGraw-Hill; 2010 pp 99-114.

Abstracts/ Educational exhibits:

37. Hutto JR, **Vattoth S**. An Anatomical Review of the Muscles of Facial Mimicry with Special Emphasis on the Superficial Musculoaponeurotic System (SMAS) - **RSNA 2013** educational exhibit - Received **Cum Laude award**
38. Schuller KW, Gaddamanugu S, Combs JT, De Lappe RS, **Vattoth S**. Imaging of post-operative middle ear- A review of expected appearance and complications - Educational Exhibit E346 (1232) - American Roentgen Ray Society **ARRS** annual meeting April 14-19, 2013, Washington DC, USA - awarded **category 1 CME credits**
39. Telford R, **Vattoth S**, Hishelwood J. MR Anatomy of Deep Brain Nuclei with Special Reference to Specific Diseases and Deep Brain Stimulation Localization - **RSNA 2012** educational exhibit - Received **certificate of merit award**
40. Morgan A, **Vattoth S**, DeLappe RS. Systematic approach to evaluation of maxillofacial, temporal bone and skull base trauma: A survival guide for the ER radiologist - **RSNA 2012** educational exhibit - awarded **category 1 CME credits**
41. **Vattoth S**, Palot Manzil FF, Roberson GH, Baldwin JA, Liu HG, O'Malley JP. Mesial temporal sclerosis (MTS): Practical MR anatomy of mesial temporal region, MRI findings of MTS and nuclear medicine localization techniques - **RSNA 2012** educational exhibit – awarded **category 1 CME credits**
42. De Lappe RS, **Vattoth S**, Morgan A, Roberson GH. A systematic approach to analyzing lesions of the corpus callosum- Radiological Society of North America Annual meeting, Chicago, USA. **RSNA 2011**
43. Gad YM, **Vattoth S**, O'Malley JP. PET-CT in gynecological malignancies: Moving beyond cervical cancer- Educational exhibit. Radiological Society of North America Annual meeting, Chicago, USA. **RSNA 2010**
44. Bhambhvani P, **Vattoth S**, O'Malley JP. Current role of 18F-FDG PET-CT in the imaging paradigm and management of head & neck cancer- Educational exhibit - Radiological Society of North America Annual meeting, Chicago, USA. **RSNA 2010**
45. **Vattoth S**, O'Malley JP, Bhambhvani PG, Bhambhvani DG. Imaging algorithm prior to epilepsy surgery with special emphasis on nuclear medicine techniques- Educational exhibit – Radiological Society of North America Annual meeting, Chicago, USA. **RSNA 2010**- Received **certificate of merit award**

Poster Exhibits:

46. Palot Manzil FF, **Vattoth S**, O'Malley JP. Structured training approach to create radiologists and nuclear medicine physicians competent in diagnosing mesial temporal sclerosis (MTS). **Annual SNMMI** meeting 2013- June 8-12, Vancouver, BC, Canada.
47. Ahmed FY, Telford RC, Roberson GH, **Vattoth S**. Hypertrophic Olivary Degeneration: Review of Anatomy, Pathology, and Imaging. American Society of Neuroradiology **ASNR 2013** annual meeting, May 18-23 San Diego, California – awarded **Cum Laude** and **invited to submit to Neurographics journal**.

48. Barret W, Gaddamanugu S, **Vattoth S**. Pictorial Review and Differential Diagnosis of Common Choroid Plexus Lesions. American Society of Neuroradiology **ASNR 2013** annual meeting, May 18-23, San Diego, California.
49. Mabry LM, Gaddamanugu S, Harris AL, **Vattoth S**, Cure JK, Sullivan JC. Complications of Intraventricular Shunts: A Review of Imaging and Pathology. American Society of Neuroradiology **ASNR 2013** annual meeting, May 18-23, San Diego, California.
50. Gaddikeri S, **Vattoth S**, Young D, Royal S, Harrison K. Congenital cystic neck masses– Clinical, Imaging and Pathological findings with emphasis on embryology- American Society of Head and Neck Radiology annual meeting **ASHNR Oct 2012**, Miami Beach, FL, USA.
51. Gaddikeri S, **Vattoth S**, Riley KO, Dehoff GW, Smith CB, Combs JT, Roberson GH. Rathke Cleft Cysts: MR criteria for presumptive diagnosis- American Society of Neuroradiology **ASNR** meeting April **2012**, New York, NY, USA.
52. Bag AK, Subedi SK, White SL, Yester MV, Bhambhvani PG, Baldwin JA, **Vattoth S**, Cure JK, Sullivan JC, O'Malley JP. Is there a role of diagnostic CT scan of the neck obtained at the same time of PET/CT in evaluation of treatment response of lymphoma?- Annual meeting of the Society of Nuclear Medicine- **SNM 2011**- June 2011, San Antonio, TX, USA
53. Gad YM, **Vattoth S**, McNamara M, O'Malley JP. PET-CT Evaluation of Malignant Pleural Mesothelioma.-Poster- Annual meeting of the society of nuclear medicine **SNM 2010**- June 2010, Salt Lake City, UT, USA.
54. **Vattoth S**, Gad YM, Roberson GH, Baldwin JA, Liu HG, O'Malley JP. Mesial temporal sclerosis - Correlative analysis of PET-CT and MRI with special emphasis on MR anatomy – Annual meeting of the society of nuclear medicine **SNM 2010**–June 2010, Salt Lake City, UT, USA.
55. Shah R, **Vattoth S**, Cure JK. Systematic "compartment based" Approach to Imaging Evaluation of Tinnitus. **ASHNR 2008** - American Society of Head and Neck Radiology, 42nd Annual Meeting. September 10-14, 2008, Toronto, Canada.
56. Kapilamoorthy TR, **Vattoth S**. Percutaneous transluminal angioplasty in non-specific aortoarteritis - **21st World congress of The International Union of Angiology**, May 22-26, **2004**, Rome, Italy.
57. **Vattoth S**. Percutaneous Treatment of Peripheral Vascular Malformations - **6th Asia Pacific Congress of Cardiovascular and Interventional Radiology**, Oct 31-Nov3, **2004**, New Delhi, India.

ORAL PRESENTATIONS:

58. Almodovar SE, Palot Manzil FF, **Vattoth S** - Molecular Imaging: PET and SPECT in the evaluation of Epilepsy- XXIV annual meeting of the Ibero-Latin American society of neuroradiology (SILAN), Quito, Ecuador, October 2012

59. Gad YM, **Vattoth S**, Langston MC, O'Malley JP. The role of PET-CT in evaluation of ovarian cancer- Midwinter meeting of the Society of Nuclear Medicine **SNM 2010**- Albuquerque, NM, Feb 2010.
60. **Vattoth S**, Kapilamoorthy TR, Gupta AK. Cutting Balloon Angioplasty in Aortoarteritis at Interventional Radiology Registry Meeting, Kovai, India, July 16, 2004.
61. **Vattoth S**, Kapilamoorthy TR, Gupta AK. Vascular Interventions in Aortoarteritis, 6th Asia Pacific Congress of Cardiovascular and Interventional Radiology, New Delhi, India, Oct 31-Nov 3, 2004.
62. **Vattoth S**. Peripheral Intra-arterial Thrombolysis, 6th Asia Pacific Congress of Cardiovascular and Interventional Radiology, New Delhi, India, Oct 31-Nov 3, 2004.
63. **Vattoth S**. Ultrasound & Color Doppler Imaging of Renal Transplant at Annual Conference of Radiology, IRIA Kerala, ACR 2002, at Kochi, India, April 7, 2002.
64. **Vattoth S**. Cephaloceles at Imaging 2001, Kottayam, India, February 18, 2001.

Manuscripts in Press:

65. **Book chapter:** Shah R, Palot Manzil FF, **Vattoth S**. Normal Pressure Hydrocephalus. In: Kanekar SG, ed, *Imaging of Neurodegenerative Disorders*. 1st ed. Thieme Publishers, New York, NY USA.

Manuscripts Accepted/Invited for publication:

66. **Vattoth S**, Ahmed FY, Telford RC, Roberson GH. Hypertrophic Olivary Degeneration: Review of Anatomy, Pathology, and Imaging. **Accepted** for publication in **Neurographics**.
67. Hutto JR, **Vattoth S**. A Practical Review of the Muscles of Facial Mimicry with Special Emphasis on the Superficial Musculoaponeurotic System (SMAS). **Accepted** for publication in **AJR American Journal of Roentgenology**..