

PUBLICATIONS

1. `Arcuate fasciculus laterality by diffusion tensor imaging correlates with language laterality by functional MRI in preadolescent children` , *Neuroradiology* 2015 March;57 (3); 291-7. Ruma Madhu Sreedharan , Amitha C. Menon , Jija S. James , Chandrasekharan Kesavadas , Sanjeev V. Thomas.
2. Alteration in Fibre Number and Integrity of White matter in Pre term: A Quantitative Diffusion Tensor Imaging and Diffusion Fibre Tractography Study in Children.: *Indian Journal of Radiological Imaging* 2017;27;119-24. Ruma Madhu Sreedharan, S Ayiappan.
3. `Reduced Brain Volumes in Children of Mothers with epilepsy: A combined neuropsychological and voxel based morphometric analysis in children of mothers with epilepsy`. *J of Neuroradiology* 2018;45;380-385 .Ruma Madhu Sreedharan, Sheela Kumari R, C. Kesavadas, Sanjeev V Thomas.
4. Language Lateralization in Children : FMRI study in pre- adolescent children using visual verb generation and semantic paradigms . : *Indian Journal of Radiological Imaging* 2017;28: 146-151. Ruma Madhu Sreedharan, Jija S James, C. Kesavadas, Sanjeev V Thomas
5. Structural Asymmetries of inferior Triangular Gyri, Heschl`S Gyri and Globus Pallidi in Children- A Voxel Based Morphometric Assessment of Primary and Secondary Language Areas in Children. *JMSCR* 2017 November: volume5;2455-2450
6. `Analyzing functional, structural, and anatomical correlation of hemispheric language lateralization in healthy subjects using functional MRI, diffusion tensor imaging, and voxel-based Morphometry`, Jija S James, Sheela R Kumari, Ruma Madhu Sreedharan, Bejoy Thomas, 2015:63. *Neurology India*.
7. Quantitative Measurement of Iron in Frontotemporal Dementia by Susceptibility Weighted Imaging. Sheela Kumari R, Tinu Varghese, Ruma Madhu Sreedharan, Bejoy Thomas, C. Kesavadas. : *American Journal of Neuroradiology* October 2017, 38 (10) 1953-1958;
8. MRI in Tropical Endomyocardial Fibrosis. Gupta PN, Sreedharan Madhu Ruma, Sudheer MD, Dilip MN, (2019). *J Blood Transfusions Dis*, 2(2): 57-68.
9. A rare case of cardiac Lymphangioma. A Singhal, G Koshy, Ruma Sreedharan. *J Indian College of Cardiology* 2016 November.

10. `Ensemble learning-based classification on local patches from magnetic resonance images to detect iron depositions in the brain`. J of Bio-Inspired computation 2021; 14:260-266. Beshiba Wilson, J Punitha, Ruma Madhu Sreedharan

11. ` Kikuchi disease: An unusual cause of cervical lymphadenopathy in a young female`. Indian journal of medical sciences. September 2021; volume 73:373-376 Ruma Sreedharan, V Madhu, V Vinukumar

12. An Unusual cause of Right Heart Failure: Hemorrhagic pericardial cyst presenting as Pericardial Mass and Constrictive Pericarditis. Indian Journal of Radiological Imaging 2022; 32:132-135. Ruma Madhu Sreedharan, Jeswin Mathew Jayasree LR, Abdul Rasheed .

Dr Meera KV

`Diagnostic Accuracy of MDCT in the Evaluation of Mediastinal Masses-Prospective Observational Study` - International Journal of Anatomy, Radiology and Surgery, 2021: vol10:RO44-RO48 Mangalandan Sreenivasan, Meera KV, Geena Benjamin-

DR Jeswin Mathew

`An Unusual cause of Right Heart Failure: Hemorrhagic pericardial cyst presenting as Pericardial Mass and Constrictive Pericarditis. Indian Journal of Radiological Imaging 2022; 32:132-135. Ruma Madhu Sreedharan , Jeswin Mathew Jayasree LR , Abdul Rasheed.