

SCIENTIFIC PUBLICATIONS 2020

1. Shah C, Vijayaraghavan G, Kartha CC. Spectrum of cardiac involvement in patients with dengue fever. *Int J Cardiol.* 2021 Feb 1;324:180-185.
2. Harikrishnan S, Jeemon P, Ganapathi S, Agarwal A, Viswanathan S, Sreedharan M, Vijayaraghavan G, Bahuleyan CG, Biju R, Nair T, Pratapkumar N, Krishnakumar K, Rajalekshmi N, Suresh K, Huffman MD. Five-year mortality and readmission rates in patients with heart failure in India: Results from the Trivandrum heart failure registry. *Int J Cardiol.* 2021 Mar 1;326:139-143.
3. Kalyagina N, Ankudinov AS, Muneer AR, Vijayaraghavan G. Cardiovascular diseases and hypothyroidism: modern analysis of comorbid association. *The Transbaikalian Medical Bulletin*(ISSN 1998-6173) DOI 616.12-008.464 No:1 2020, p75-82.
4. Ankudinov AS, Kalyagina N, Muneer AR, Vijayaraghavan G. L-thyroxine influence on lipid profile of patients with ischemic heart disease on the background of hypothyroidism. *Siberian Medical Review* 2020;2(122):31-35.
5. AR Muneer, G Vijayaraghavan, AS Ankudinov, AN Kalyagin. Assessment of morphological and functional parameters of myocardium in patients with coronary artery disease and overt primary hypothyroidism. *Complex Issues of Cardiovascular Diseases.* DOI 10.17802/2306-1278 No:3/2020 p7-12.
6. AR Muneer, G Vijayaraghavan, AS Ankudinov, AN Kalyagin. State of the coronary arteries and assessment of the role of hormone replacement therapy in patients with coronary heart disease against the background of primary manifest hypothyroidism. *Cardiologgia.* 2020;60(9):76–83.
7. G Vijayaraghavan et al (CSI study). Cardiological society of India document on safety measure during echo evaluation of cardiovascular disease in the time of COVID-19. *Indian Heart J.* 2020;72(3):145-50.
8. U Kaul, MK Das, R Agarwal, H Bali, R Bingi, S Chandra, VK Chopra, J Dalal, U Jadhav, P Jariwala, A Jena, R Gupta, P Kerkar, S Guha, D Kumar, M Mashru, A Mehta, JC Mohan, T Nair, D Prabhakar, R Ray, R Rajani, S Sathe, N Sinha, G Vijayaraghavan. Consensus and development of document for management of stabilized acute decompensated heart failure with reduced ejection fraction in India. *Indian Heart J.* 2020;72(477e4).
9. Vijayaraghavan G. Echocardiographic Endomyocardial Fibrosis: Evaluation with Heart Failure. In: Chopra HK, Nanda NC, Narula, editors. *Advances and innovations in Heart Failure (AIHF): A text book of Cardiology 2020.* New Delhi: Jaypee Brothers Medical Publishers; 2020. P. 426-434.

10. Raju V, Pournami F, Nandakumar A, Prabhakar J, Nair PMC, Jain N. Improving Microbe Detection and Optimizing Antibiotic Use in Neonatal Sepsis With Multiplex Polymerase Chain Reaction. *Infect Dis Clin Pract.* 2020;28(3):142-146 .
11. Venkata SKRG, Pournami F, Prabhakar J, Nandakumar A, Jain N. Disability Prediction by Early Hammersmith Neonatal Neurological Examination: A Diagnostic Study. *J Child Neurol.* 2020 Oct;35(11):731-736.
12. Alok Kumar MK, Pournami F, Venkata SKRG, Nandakumar A, Prabhakar J, Jain N. Can Early Clinical Status Predict Outcomes in Extremely Low Birth Weight Neonates? *J Child Sci* 2020;10:e32–e37.
13. Upadhyay S, Pournami F, Venkata SK, Rahman S, Nandakumar A, Prabhakar J, Jayakumar R, Menon , Jain N. Neonatal Laryngeal Disorders: 12-Year Experience of a Multidisciplinary Team. *Airway.* 2020;3(1):31-34.
14. Tuteja A, Pournami F, Kolisambeevi AA, Nandakumar A, Prabhakar J, Jain N. Paracetamol for Patent Ductus Arteriosus Closure: High Osmolality of Enteral Form and Spontaneous Intestinal Perforation. *Indian J Pediatr.* 2020 Sep;87(9):767.
15. Anand V, Pournami F, Panackal A V, Nandakumar A, Prabhakar J, J Naveen. Parenteral Nutrition Ascites: Calamity from an Umbilical Vein Cannula. *Journal of Child Science* 2020;10(01):e230-e232.
16. Kothakota S R, Sasidharan M, Kareem H, Nair A K. Small bowel angiomyolipoma managed with novel motorized spiral enteroscope: A case report. *J of Digestive Endosc* 2020;11(02):156-158.
17. Kothakota S R, Sasidharan M, Kareem H, Nair A K, Shabeer Ali TU, Vidhya C. Isolated pancreatic tuberculosis presented as SOL. *Tropical Gastroenterology.* 2019;40(3):340-342.
18. Khiangte B, Sasidharan M, Reviraj KS, Kareem H, Kumar VV, Abhilash H, Nair AK. Bile cast nephropathy complicating non-fulminant acute hepatitis A. *Tropical Gastroenterology.* 2019;40(1):262-264.
19. Jadhav PV, Kothakota SR, Sasidharan M, Kareem H, Nair AK. Effect of donor hepatic steatosis on ischemia reperfusion injury in liver transplant recipient. *Journal of clinical and experimental hepatology.* 2020;10(3):236-244.
20. Khiangte B, Kothakota SR, Sasidharan M, Kareem H, Joshi S, Kumar VV, Kanala JR, Kumar C P, Nair AK. Prevalence and determinants of hepatopulmonary syndrome in decompensated chronic liver disease. *Indian J Gastroenterol.* 2020 Aug;39(4):362-369.
21. Vasudev P, Arjun P, Bala P, Palangadan S, Biji KA. A rare entity of acute exacerbation of pulmonary sarcoidosis following mediastinoscopy and biopsy. *Pulmon.* 2020;22(1):49-54.
22. Ganesh B, Arjun P, Ameer KA, Gopalakrishnan TV. Pruritus as a paraneoplastic syndrome of lung cancer. *Pulmon.* 2020;22(1):55-58.

23. Mohammed S, Rohit S, Bala P, Thampi C. An unusual variant of adenocarcinoma lung. *Pulmon*. 2020;22(1):59-62.
24. Vasudev P, Arjun P, Ameer KA, Nair S. Prevalence of cognitive impairment in obstructive sleep apnea and its association with the severity of obstructive sleep apnea- A cross sectional study. *Indian J Med*. 2020;15(4):55-59.
25. Bala P, Arjun P, Varghese L, Sudin SR, Pillai S, Thampy C, Palangadan S, Biji KA. A red herring, a wild-goose chase, and an unexpected diagnosis of concomitant malignancy and sarcoidosis. *Lung India*. 2020 Sep-Oct;37(5):437-440.
26. Arjun P, Thomas M. Intrathoracic extramedullary haematopoiesis. *Postgrad Med J*. 2020 Jan;96(1131):56.
27. Kumar A A, Satheesh G, Vijayakumar G, Chandran M, Prabhu P R, Simon L, Kutty V R, Kartha CC, Jaleel A. Postprandial Metabolism is Impaired in Overweight Normoglycemic Young Adults without Family History of Diabetes. *Scientific Reports*. 2020;10:353. <https://doi.org/10.1038/s41598-019-57257-2>.
28. Kumar AA, Satheesh G, Vijayakumar G, Chandran M, Prabhu PR, Simon L, Kutty VR, Kartha CC, Jaleel A. Plasma leptin level mirrors metabolome alterations in young adults. *Metabolomics*. 2020 Aug 8;16(8):87.
29. CC Kartha. Annual Review of Medicine, 2019. *Current Science*. 2020;118:2
30. Anandkumar A, Kartha CC. Is ambient space a determinant of human health? *Current Science*. 2020; 118(4):511-212.
31. Manoj M T, Vijayaraghavan G. Psychosocial impact of COVID-19 on cardiovascular health. *J Clin Prev Cardiol* 2020;9:84-9
32. Manoj M, Joseph K, Vijayaraghavan G. Type D Personality and Myocardial Infarction: A Case-Control Study. *Indian J of Psychol Med*. 2020;42(6):555-559.
33. van Vollenhoven RF, Navarra SV, Levy RA, Thomas M, Heath A, Lustine T, Adamkovic A, Fettiplace J, Wang ML, Ji B, Roth D. Long-term safety and limited organ damage in patients with systemic lupus erythematosus treated with belimumab: a Phase III study extension. *Rheumatology (Oxford)*. 2020 Feb 1;59(2):281-291.
34. Niyas VKM, Arjun R, Sasidharan A, Palakunnath GA. Streptococcus gallolyticus Bacteremia: An Experience from a Tertiary Center in South India. *Indian J Crit Care Med*. 2020 Oct;24(10):943-945.
35. Arjun R, Ratheesh RS, Mohan V, Uduman S, Jalaludeen S, Prabhakaran A, Sasidharan A, Niyas VKM. Susceptibility and serotypes of Streptococcus pneumoniae isolates in invasive pneumococcal disease: a study from Kerala, South India. *Infez Med*. 2020 Dec 1;28(4):558-564.
36. Safwan MA, Vijayan KN, Akash S, Ashwini T, Muhammed IKPC. A rare extensive clinical presentation of calciphylaxis due to primary hyperparathyroidism. *Int Surg J* 2020;7:3827-30.

37. Safwan MA, Babu S, Palangadan S, Thivya A. Leiomyosarcoma of Inferior Vena Cava. Kerala Surg J 2020;26:219-21.
38. Sasidharan S, Krishnasree KS. Transient focal cerebral arteriopathy of childhood following dengue fever. J Postgrad Med 2020;66:172-3
39. Menon D, Praveen R, Kumar A, Balthazar A, Syamlal S. Mollaret's Meningitis: CSF Cytology to the Rescue. Neurol India. 2020 Sep-Oct;68(5):1229-1231.
40. Chandran CJS, Sugunan A, Shibu J. A Case of paroxysmal kinesigenic myoclonus with episodic piloerection. 2021 Feb 25 [cited 2021 Feb 25]; Available from: <https://www.annalsofian.org/preprintarticle.asp?id=307431&type=0>
41. Ramakrishnan R, Sreelatha HV, Anil A, Arumugham S, Varkey P, Senan M, Krishnan LK. Human-derived scaffold components and stem cells creating immunocompatible dermal tissue ensuing regulated nonfibrotic cellular phenotypes. ACS Biomater. Sci. Eng. 2020;6, 2740–2756
42. Chandrababu K, Senan M, Krishnan LK. Exploitation of fibrin-based signaling niche for deriving progenitors from human adipose-derived mesenchymal stem cells towards potential neural engineering applications. Sci Rep. 2020;10, 7116 .
43. Kumar S, Joji P, Haneefa SM, Ahamed Z, Kumar K, Vaidyanathan B. Curious case of cardiac failure with pulmonary hypertension in a toddler. J Paediatr Child Health. 2020 Oct 4. doi: 10.1111/jpc.15211.
44. Murlidharan P, Sreelakshmi K, Balan S, Kartha CC. Mechanisms for obesity related kidney disease. In: Tappia, Paramjit S., Ramjiawan, Bram, Dhalla, Naranjan S, editors. Pathophysiology and obesity induced health complications. Switzerland: Springer International, 2020; p. 193-216.
45. Palangadan S, Yadav MK, Subash S. Transverse Aortic Arch Transection in a Polytrauma Patient-Challenges Faced and Lessons Learned. Ann Thorac Surg. 2020 Dec;110(6):e505-e507.
46. Reddy BG, Singh NG, Nagaraja P S, Subhash S, Prabhushankar C G, Manjunatha N, Chintha V. Transesophageal echocardiographic evaluation of pulmonary vein diastolic wave deceleration time – As a predictor of left atrial pressure. Ann Card Anaesth 2020;23:34-8
47. Kundra TS, Thimmarayappa A, Subash SS, Kaur P. Monitoring of limb perfusion after vascular surgery in critical limb ischemia using near-infrared spectroscopy: A prospective observational study. Ann Card Anaesth. 2020 Oct-Dec;23(4):429-432.
48. Singh SA, Ashraf H, Subramanian R, Krishnan GA, Pandey V, Gupta S. Living donor liver transplantation in a patient with severe portopulmonary hypertension. Indian J Anaesth. 2020 Feb;64(2):153-155.
49. Nazeer M, Raveendran R, Katragadda BC, Ehsan NM. Huge calf swelling associated with a failed total knee replacement: A case report. Indian J Orthop Surg 2020;6(3):254-258.
50. Nazeer M, Ravindran R, Katragadda BC, Muhammed EN, Rema DTJ, Muhammed MN. SKINTED: A Rare Complication After Total Knee Arthroplasty. Arthroplast Today. 2020 Nov 20;6(4):1028-1032.