

**Jubilee Mission Medical College & Research Institute, Thrissur**

**List of publication 2022**

**Original Article:**

1. Mathews V, Paul J, Paul C, George JK, Babu A. A prospective observational study to identify the effectiveness of intravenous magnesium replacement in an intensive care setting. *J AnaesthesiolClinPharmacol* 2022;38:453-7.
2. Njarekkattuvalappil S.K., Bhaskaran R., Sree Raj V., Jose P., Rafi Aboobacker M., Thomas J., Innah S.J., Raphael L., Unnikrishnan U.G., Rajmohan P., Valsan Ch., Kuttichira P. Serosurveillance among healthcare workers vaccinated with ChAdOx1 nCoV-19 Corona vaccine in a tertiary hospital of Kerala, India: prospective cohort study. *Sechenov Medical Journal*;13(1):14-23.
3. Dileep KV, Ihara K, Mishima-Tsumagari C, Kukimoto-Niino M, Yonemochi M, Hanada K, Shirouzu M, Zhang KY. Crystal structure of human acetylcholinesterase in complex with tacrine: Implications for drug discovery. *International Journal of Biological Macromolecules*. 2022 Jun 15;210:172-81.
4. Mathew D, Krishnan SV, Abraham SV, Varghese S, Thomas MR, Palatty BU. Chest compression fraction and factors influencing it. *J Emerg Trauma Shock* 2022;15:41-6.
5. Rose Babu, BijuBahuleyan, PallaviPanchu, AV Shilpa, CK Sreeja, Dimple John Manjuran. Effectiveness of Self-paced and Instructor-led Online Learning: A Study among Phase I Medical Students. *Journal of Clinical and Diagnostic Research*. 2022 Jan, Vol-16(1): JC01-JC04
6. Palathingal P, Mahendra J, Annamalai PT, Varma SS, Mahendra L, Thomas L, Baby D, Jose A, Srinivasan S, Ambily R. A Cross-Sectional Study of Serum Glutathione Peroxidase: An Antioxidative Marker in Chronic Periodontitis and Chronic Kidney Disease. *Cureus*. 2022 Feb 8;14(2).
7. Jose M, Rajmohan P, Thomas J, Krishna S, Antony B, Gopinathan UU, Iyyapan EM, Porinchi RM, Jose P, Raphael L, Kuttichira P. Active Symptom-Based Surveillance of Adverse Events Following Immunization among Individuals Vaccinated with ChAdOx1 nCoV-19 Coronavirus Vaccine in a Tertiary Hospital of Kerala. *Current Drug Safety*. 2022 Nov 1;17(4):327-34.
8. Ram CV, Muppalla BS, Parthasaradhi SV, Kumar GP, Ray S, Jadhav U, Sawhney JP, Unni G, Desai N, TelCom Study Group. Achieving the latest American Heart Association and American College of Cardiology therapeutic goals for hypertension with combination therapy and its effects on blood pressure and central hemodynamic parameters. *The American Journal of Cardiology*. 2022 Apr 1;168:78-82.
9. Gupta P, Kadamberi IP, Mittal S, Tsaih SW, George J, Kumar S, Vijayan DK, *et.al*. Tumor Derived Extracellular Vesicles Drive T Cell Exhaustion in Tumor Microenvironment through Sphingosine Mediated Signaling and Impacting Immunotherapy Outcomes in Ovarian Cancer. *Advanced Science*. 2022:2104452.
10. Mahendra J, Palathingal P, Mahendra L, Alzahrani KJ, Banjer HJ, Alsharif KF, Halawani IF, Muralidharan J, Annamalai PT, Verma SS, Sharma V. Impact of Red Complex Bacteria and TNF- $\alpha$  Levels on the Diabetic and Renal Status of Chronic Kidney Disease Patients in the Presence and Absence of Periodontitis. *Biology*. 2022 Mar 16;11(3):451.

11. Rugma R, Valsan C, Sreekumar E, Sathiavathy KA. Molecular detection of dengue virus serotypes prevalent in central Kerala and its correlation with disease severity. *Indian J Microbiol Res* 2022;9(1):55-61.
12. Choorakuttil RM, Rajalingam B, Satarkar SR, ...Nair BMR *et.al.* Reducing Perinatal Mortality in India: Two-Years Results of the IRIA Fetal Radiology Samrakshan Program. *Indian Journal of Radiology and Imaging*. *Indian J Radiol Imaging* 2022;32:30–37.
13. Akhila Raj TV, Gopinath P, Geetha Raj JA, Narayanan G, Nair SG, Joy Philip DS, Sureshkumar R *et al.* Acute myeloid leukemia patients with variant or unusual translocations involving chromosomes 8 and 21 – A comprehensive cytogenetic profiling of three cases with review of literature. *J Can Res Ther* 2022;18:697-703.
14. Joe Thomas PR, AT JB, Raphael L, Jose P, Kuttichira P. Self-Perceived Health Status, Medical Care Seeking Behaviour And The Preference of Telemedicine among Non-Communicable Disease Patients During the COVID-19 Pandemic Lockdown Period. *Indian Journal of Public Health Research & Development*. 2022 Apr 1;13(2).
15. Nair MS, Raphael L, Chandran P. Prevalence of anaemia and associated factors among antenatal women in rural Kozhikode, Kerala. *Journal of Family Medicine and Primary Care*. 2022 May 1;11(5):1851-7.
16. Sunny AE, Abraham SV, Krishnan SV, Rajeev PC, Palatty BU. A comparison between ultrasound-guided short-axis approach and oblique axis approach for internal jugular venous cannulation in the emergency department. *J Med Ultrasound* 2022;30:81-6.
17. Abraham SV, Melit RJ, Krishnan SV, George T, Kunhahamed MO, Kassyap CK, Bhoi S, Sinha TP. Indigenously developed ultrasound phantom model versus a commercially available training model: randomized double-blinded study to assess its utility to teach ultrasound guided vascular access in a controlled setting. *Journal of Medical Ultrasound*. 2022 Jan 1;30(1):11.
18. Gopika Rajan, Neetha George, Sareena Gilvaz. Comparative Study of Total Laparoscopic Hysterectomy versus Non-Descent Vaginal Hysterectomy Conducted in a Tertiary Care Centre. *International Journal of Science and Research* 2022; 5(11): 346-49.
19. Hancy P Varghese, Mridula Vellore, Presthiana Lofi. Impact of digital learning during COVID-19 epoch: Across sectional study on eye strain among university students in humanities from South India. *World Wide Journal of Multidisciplinary Research and Development*. 2022; 8(05): 52-57.
20. Reichert M, Sartelli M, Weigand MA, Hecker M, Oppelt PU, Noll J, Askevold IH, Liese J, Padberg W, Coccolini F, Catena F. Two years later: Is the SARS-CoV-2 pandemic still having an impact on emergency surgery? An international cross-sectional survey among WSES members. *World Journal of Emergency Surgery*. 2022 Dec;17(1):1-7.
21. William A, Roy D, Krishnan V. Biochemical and endocrinological aspects of female infertility: Descriptive comparative study. *European Journal of Molecular & Clinical Medicine*. 2022; 09(02), 2038-43.
22. Kannan R, Fathima FN, Agrawal T, Mohan J, Retnakaran R, Mudhol SR. Risk of falls and its association with activities of daily living and depression among elderly residing in a rural area in Bangalore, Karnataka. *Int J Res Med Sci* 2022;10:1508-13.
23. Sunny A, Anthrayose CV, Mathai MT, Puthiyedathu R, Kumar PS. Effectiveness of treatment by laser or intravitreal anti-vegf-bevacizumab or combination therapy (both Laser and Anti-VEGF) in diabetic macular edema. *Indian J Clin Exp Ophthalmol* 2022;8(1):61-65.
24. Rai S, Badarinath AR, George A, Sitaraman S, Bronson SC, Anandt S, Babu KT, Moses A, Saraswathy R, Hande MP. Association of telomere length with diabetes mellitus and idiopathic

- dilated cardiomyopathy in a South Indian population: A pilot study. *Mutation Research/Genetic Toxicology and Environmental Mutagenesis*. 2022 Feb 1;874:503439.
25. Anil George Paul, Mohamed Shelin PI, Vijay K Jayan. A study on clinical profile of patients with intertrochanteric fractures at a tertiary care hospital. *European Journal of Molecular & Clinical Medicine* 2022; 9 (2): 2553-58
  26. Mohamed Shelin PI, Anil George Paul, Vijay K Jayan. Comparative study of PFN and DHS in the management of intertrochanteric fractures. *European Journal of Molecular & Clinical Medicine* 2022; 9 (2): 2559-67
  27. Menon PV, Radhakrishnan V, Narayanan PV, Adenwalla HS. Learning curve in performing palatoplasty: A retrospective study. *J Cleft Lip Palate Craniofac Anomal* 2022;9:151-5
  28. Andrews CV, Rajan AR, Arun S, Kuttichira P. Profile of COVID in-patients treated in a tertiary health care center, Kerala. *J Community Health Manag* 2022;9(3):144-147.
  29. Harikrishnan S, Mani A, Sanjay G, Ashishkumar M, Unni G *et.al*. Pulmonary Hypertension Registry of Kerala, India (PRO-KERALA): One-year outcomes. *Indian Heart Journal*. 2022 Jan 1;74(1):34-9.
  30. Joseph S, Panniyammakal J, Abdullakutty J, Vaikathuseril L J, Joseph J, Mattummal S, Punnose E, Unni G, Natesan S, Sivadasanpillai H. The Cardiology Society of India-Kerala Acute Heart Failure Registry: poor adherence to guideline-directed medical therapy. *European Heart Journal*. 2022 Mar 1;43(9):908-15.
  31. Sasidharan A, Bhaskaran R, Baiju NM, Rafi AM, Valsan C. Comparison of syphilis testing by reverse algorithm and conventional method among blood donors in a tertiary care center. *Panacea J Med Sci* 2022;12(2):442-446.
  32. Jose P, Bhaskaran R, Raj S, Rajmohan P, Mohammed Rafi A, Uttumadathil Gopinathan U, et al. Sequential Observation of Antibody Response Pattern at 3 and 6 Months Following ChAdOx1 nCoV-19 Vaccination Among Health Care Workers-A Prospective Single Cohort Study. *Caspian Journal of Health Research*. 2022; 7(4):185-192.
  33. Peter V, Shenoy U, Rukkiyabeevi B. Effect of a single intraoperative dose of dexamethasone on glycaemic profile in postoperative patients - A double-blind randomised controlled study. *Indian J Anaesth* 2022;66:789-95.
  34. Lakshmi Mohanan Sheeba, Aparna Namboodiripad, Manoj V C. Efficacy of Maternal MgSO4 Administration on the Neurodevelopmental Outcome on Preterm Babies. *Journal of Clinical and Diagnostic Research*. 2022 Dec, Vol-16(12): SC06-SC09.
  - 35.** Puthiyedath R, Kakkanatt AC, Mathai MT, Ramachandran L, Sunny A, Arun S. A comparative study on ocular manifestations in patients with polycystic ovary syndrome and healthy volunteers. *Kerala J Ophthalmol* 2022;34:250-5.
  36. Joshy S. and Jose R. (2022) Colistin Susceptibility Testing of Carbapenem Resistant Enterobacteriaceae- A Comparative study of Broth Microdilution method and Vitek 2 method. *International Journal of Microbiology Research*, ISSN: 0975-5276 & E-ISSN: 0975-9174, Volume 14, Issue 1, pp.-1982-1984.
  37. E Maria, S Das, AM Varghese, H Thangheswaran *et.al*. Differentially Expressed Erythrocyte Proteins in Neuromyelitis Optica Spectrum Disorders and Their Functional Annotation Using DAVID Bioinformatics Tool. *Neurochemical journal*. 2022; 16 (4): 465-471.
  38. Kumar SS, Krishnakumar K, John M. Flavonoids from the butanol extract of *Carica papaya* L. cultivar 'Red Lady' leaf using UPLC-ESI-Q-ToF-MS/MS analysis and evaluation of the antioxidant activities of its fractions. *Food Chemistry Advances*. 2022 Oct 1;1:100126.

39. SupriyaAdiody, Jiji P Saji. Awareness Regarding Transmission and prevention of Tuberculosis in a Tertiary Care Center. *International Journal Dental and Medical Sciences Research*. 2022; 4(6): 418-420.
40. Lofi P, Prasad AB, Varghese PR, Kuttichira P. Lock and unlock of the nation during pandemic waves: a cross-sectional study observing the spread of COVID-19 in India. *Social Determinants of Health*;8:1-7.
41. Nair A, Preetha Rani MR, Salin Raj P, Ranjit S, Rajankutty K, Raghu KG. Cinnamic acid is beneficial to diabetic cardiomyopathy via its cardioprotective, anti-inflammatory, anti-dyslipidemia, and antidiabetic properties. *Journal of Biochemical and Molecular Toxicology*. 2022 Dec;36(12):e23215.
42. Rafi AM, Nair PK, Kuttichira P. The gaps in undergraduate medical education due to the ongoing pandemic: An experience from a private medical college in Kerala. *National Medical Journal of India*. 2022;35:299-302.
43. Biju D, Johnson S, Valsan C, Prasad AB, Kuttichira P. Clinicoepidemiological and laboratory findings of COVID positive patients presenting to a tertiary care centre in South India: A retrospective analysis. *Clinical Epidemiology and Global Health*. 2022 Jan 1;13:100931.
44. Korambayil PM, Thattaruparambil VP, Dilliraj VK, Varkey PA, Ravindran KR. Management of wrist electrical burns with utilisation of recent modalities for better functional outcome: An institutional approach. *Journal of Clinical and Scientific Research*. 2022 Jul 1;11(3):131-7.
45. Korambayil PM, Dilliraj VK, Babu EM, Varkey PA. Use of medial gastrocnemius muscle flap in traumatic popliteal artery injury due to posterior dislocation of knee joint. *Indian Journal of Vascular and Endovascular Surgery*. 2022 Jan 1;9(1):77-80.
46. Unnikrishnan M, Viswanathan S, Pitchai S, Savlania A, Ramachandran H, Kumar VP *et al*. Evolving paradigm of hybrid repair for aortic arch pathologies. *Indian Journal of Vascular and Endovascular Surgery*. 2022 Jan 1;9(1):11-17.
47. Benny R, Venkataraman S, Chanu AR, Singh U, Kandasamy D, Lingaiah R. A Randomized Controlled Trial to Compare the Effect of Ultrasound-Guided, Single-Dose Platelet-Rich Plasma and Corticosteroid Injection in Patients with Carpal Tunnel Syndrome. *The Journal of the International Society of Physical and Rehabilitation Medicine*. 2022 Jul 1;5(3):90.
48. Raja K, Mukhopadhyay C, Shetty AK, Chinnan JP, Sudarsana J, Jose RA, Saritha N, Ravindranath C, Goel G, Valsan C *et al*. Detection and reporting of Carbapenemase producing Gram negative bacilli in Clinical Microbiology: A survey of practices in laboratories across India. *J Acad Clin Microbiol* 2022;24:55-62.
49. Rani MP, Raj PS, Nair A, Ranjith S, Rajankutty K, Raghu KG. *In vitro* and *in vivo* studies reveal the beneficial effects of chlorogenic acid against ER stress mediated ER-phagy and associated apoptosis in the heart of diabetic rat. *Chemico-Biological Interactions*. 2022 Jan 5;351:109755.
50. Rajmohan P, Gopinathan UU, Saudha NP, Jose M, Raphael L, Thomas J. Effectiveness of ChAdOx1 nCoV-19 coronavirus vaccine in preventing severe disease and mortality during the second wave of pandemic: A case-case analysis from a tertiary care center in South India. *Journal of Acute Disease*. 2022 Sep 1;11(5).
51. Nath LR, Swetha M, Vijayakurup V, Thangarasu AK, Pillai S *et al*. Blockade of utrosidine b-induced autophagic pro-survival signals augments its chemotherapeutic efficacy against hepatocellular carcinoma. *Frontiers in Oncology*. 2022 Feb 8;12:812598.
52. Sartelli M, Labricciosa FM, Coccolini F, Coimbra R, Abu-Zidan FM, Ansaloni L, Al-Hasan MN, Ansari S, Barie PS, Caínzos MA, Ceresoli M. It is time to define an organizational model for the

- prevention and management of infections along the surgical pathway: a worldwide cross-sectional survey. *World journal of emergency surgery*. 2022 Dec;17(1):1-5.
53. Baig SJ, Afaque MY, Priya P, Sheth H, Goel R, Mahawar KK, Agarwalla R. Practice and short-term outcomes in ventral hernia repair: a prospective multicenter data audit of Indian Association of Gastrointestinal Endo Surgeons Research Collaborative. *Hernia*. 2022 Dec;26(6):1573-81.
  54. Lakshminarayanan M, Vaitheswaran S, Srinivasan N, Nagarajan G, Ganesh A, Shaji KS, Chandra M, Krishna M, Spector A. Cultural adaptation of Alzheimer's disease assessment scale–cognitive subscale for use in India and validation of the Tamil version for South Indian population. *Aging & mental health*. 2022 Feb 1;26(2):423-30.
  55. Leena A, Vinutha R, Jose M. Impact of a mental health awareness program on knowledge, attitude, and perceptions about mental health disorders among medical students. *Natl J Physiol Pharm Pharmacol* 2022;12(11):1944-1948.
  56. Lohit K, Nitin Kunnoor, Maria Jose and Vidya KR (2022); perception towards covid appropriate behaviors - a cross sectional survey among nursing students from south India *Int. J. of Adv. Res.* 10 (Jul). 06-11
  57. Evelyn Maria, MeenuYohannan, Harisuthan T, Mathew John. Comparative Proteomics of Lipid Transport Proteins and Assessment of Oxidative Stress Parameters in Acute Ischemic Stroke and Healthy Control. *International Journal of Biochemistry and Biophysics*, (2022).10(1), 1 - 7. DOI: 10.13189/ijbb.2022.100101.
  58. John, M., Maria, E., Das, S. et al. Identification of Novel Serum Proteins Associated with Myelination and Cholesterol Transport in Neuromyelitis Optica Spectrum Disorders by Mass Spectrometry. *Ind J Clin Biochem* 37, 275–284 (2022).
  59. Joy A, Korambayil PM, Ambookan PV. Early Diagnosis of Acute wound Infection in Orthopaedic Trauma using CRP and Serial Peri wound Skin Temperature Monitoring by Infrared Thermoradiography. *AJORR [Internet]*. 9 May 2022 5(1): 117-124, 2022.
  60. Glasbey JC, Abbott TE, Ademuyiwa A, Adisa A, AlAmeer E, Alshryda S, Arnaud AP, Bankhead-Kendall B, AbouChaar MK, Chaudhry D, Costas-Chavarri A. Elective surgery system strengthening: development, measurement, and validation of the surgical preparedness index across 1632 hospitals in 119 countries. *The Lancet*. 2022 Nov 5;400(10363):1607-17.
  61. Cobianchi, L., Dal Mas, F., Massaro, M. et al. Diversity and ethics in trauma and acute care surgery teams: results from an international survey. *World J Emerg Surg* 17, 44 (2022).
  62. COVIDSurg Collaborative, GlobalSurg Collaborative, Nepogodiev D, Simoes JF, Li E, Picciochi M, Glasbey JC, Baiocchi G, Blanco-Colino R, Chaudhry D, AlAmeer E. SARS-CoV-2 infection and venous thromboembolism after surgery: an international prospective cohort study. *Anaesthesia*. 2022 Jan;77(1):28-39.
  63. Archana S, Lizann Thomas, Ashitha M.L, Ragesh Chandran. Prevalence of vitamin D deficiency among population in south India: a cross sectional study. *International Journal of Academic Medicine and Pharmacy* 2022;4(5):407-10.

## Review

64. Ramgir SS, Renu K, Vellingiri B, George A, Tirupapuliur D, Thiagarajan P, ValsalaGopalakrishnanash A. Phytomedicinal therapeutics for male infertility: critical insights and scientific updates. *Journal of natural medicines*. 2022 Apr 4:1-28.
65. Renu, K.; Mukherjee, A.G.; Wanjari, U.R.; Vinayagam, S.; Veeraraghavan, V.P.; Vellingiri, B.; George, A.; Lagoa, R.; Sattu, K.; Dey, A.; et al. Misuse of Cardiac Lipid upon Exposure to Toxic Trace Elements—A Focused Review. *Molecules* 2022, 27, 5657.

66. Padinharayil H, Alappat RR, Joy LM, Anilkumar KV, Wilson CM, George A, ValsalaGopalakrishnan A, Madhyastha H, Ramesh T, Sathiyamoorthi E, Lee J. Advances in the Lung Cancer Immunotherapy Approaches. *Vaccines*. 2022 Nov;10(11):1963.
67. Kannampuzha S, Ravichandran M, Mukherjee AG, Wanjari UR, Renu K, Vellingiri B, Iyer M, Dey A, George A, Gopalakrishnan AV. The mechanism of action of non-coding RNAs in placental disorders. *Biomedicine & Pharmacotherapy*. 2022 Dec 1;156:113964.
68. Mukherjee AG, Wanjari UR, Gopalakrishnan AV, Bradu P, Sukumar A, Patil M, Renu K, Dey A, Vellingiri B, George A, Ganesan R. Implications of cancer stem cells in diabetes and pancreatic cancer. *Life Sciences*. 2022 Nov 19:121211.
69. Sreekumar VN, Madhulaxmi M, Ankathil R, Arumugham P. Dysregulated Noncoding Micrnas As Potential Biomarkers In Oral Potentially Malignant Disorders And Oral Squamous Cell Carcinomas-An Updated Review. *European Journal of Molecular & Clinical Medicine*.;9(08):2022.
70. Zacharia B, Poulosse S, Xavier R, Panarukandy N, Hilary NC. Salmonella Osteomyelitis and Septic Arthritis in Children. *Medical Research Archives*. 2022 Sep 20;10(9).
71. Renu K, Vinayagam S, Veeraraghavan VP, Mukherjee AG...George A *et.al*. Molecular Crosstalk between the Immunological Mechanism of the Tumor Microenvironment and Epithelial–Mesenchymal Transition in Oral Cancer. *Vaccines*. 2022 Sep 7;10(9):1490.
72. Jose M, MB Sasmí and Kuttichira P: A narrative review of the Anti-Sars-Cov2 monoclonal antibodies cocktail - casirivimab plus imdevimab for Sars-Cov2 infection. *Int J Pharm Sci& Res* 2022; 13(11): 4297-04. doi: 10.13040/IJPSR.0975-8232.13(11).4297-04.
73. Nair T, Kumar AS, Unni TG, Tiwaskar MH, Sharma S, Gaurav K. 24-Hour Blood Pressure Control with Amlodipine: A Review of the Current Scenario. *Journal of Cardiac Critical Care TSS*. 2022 Jan;6(01):059-68.
74. Hutanu A, Reddy LN, Mathew J, Avanthika C, Jhaveri S, Tummala N, Reddy Sr LN, Tummala NC. Pediatric autoimmune neuropsychiatric disorders associated with group A Streptococci: Etiopathology and diagnostic challenges. *Cureus*. 2022 Aug 6;14(8).
75. Belkozhayev AM, Al-Yozbaki M, George A, Ye Niyazova R, Sharipov KO, Byrne LJ, Wilson CM. Extracellular Vesicles, Stem Cells and the Role of miRNAs in Neurodegeneration. *Current Neuropharmacology*. 2022 Aug 1;20(8):1450-78.

## Case report

76. Pudukadan D. Papulopustular rash following Moderna COVID-19 (mRNA-1273) vaccine: A case report. *Journal of Skin and Sexually Transmitted Diseases*.:1-5.
77. Mukundan PK, Rameshkumar G, Sukumarankurup G. Clinical challenges in confirming the differential diagnosis of suspected Dabska's tumour of the hand. *J ClinSci Res* 2022;11:47-50.
78. George S, Baby N, Gilvaz P, Thangheswaran H, Poovathingal MA, Baby A. Seronegative limbic encephalitis in association with Sjögren's syndrome: a rare case report. *Pan African Medical Journal*. 2022 Jan 19;41(1).
79. Pai UK, Pillai S, Arunkumar NR. A rare synchronous presentation of primary malignant melanoma in cervix and vagina. *J Can Res Ther* 0;0:0
80. John SS, Jose E, Joseph B, Rafi AM. A case of late- onset vitamin k deficiency bleeding in an exclusively breastfed infant emphasizing the need for revision of vitamin k prophylaxis policy. *Glob J Transfus Med* 2022;7:91-5.

81. Arun VJ, Deorukhkar A, Rafi AM, Charles D, Devendra R, Innah SJ, Kedar P. Successful management of Methemoglobinemia and G6PD deficiency in a patient posted for surgical excision of branchial cyst. *Asian Journal of Transfusion Science*. 2022 Jan;16(1):128.
82. George SK, Baby N, Varghese P, Joseph TK. Crohn's Disease Presenting as Metabolic Myopathy: A Case Report. *Neurol India* 2022;70:1230-2.
83. Zacharia B, Poulouse S, Xavier R, Panarukandy N, Hilary NC. Salmonella Septic Arthritis of the Shoulder in an Infant after COVID-19 Infection. *Medical Research Archives*. 2022 Sep 20;10(9).
84. Jose R, Babu I, Valsan C. Fungal sternal wound infection following coronary artery bypass graft surgery—A rare case of surgical site infection. *Journal of The Academy of Clinical Microbiologists*. 2022 Jul 1;24(2):87.
85. Pai UK, Kavalakat AJ, Thomas N. Synchronous collision tumor of malignant phyllodes and invasive ductal carcinoma. *Oncol J India* 2022;6:78-81.

#### Others:

86. Kuruvilla K, Joy AM, Kuttichira P. Research temperament among undergraduate medical students: A nationwide study. *The National Medical Journal of India*. 2022 Mar 1;35(2):125-6.
87. Aiswarya N, Remya C, Remashree AB, Sadasivan C, Dileep KV. Binding of rosmarinic acid curcumin and capsaicin with PLA2: A comparative study. *Biochemical and Biophysical Research Communications*. 2022 Oct 20;626:187-91.
88. Swetha M, Keerthana CK, Rayginia TP, Nath LR, Haritha NH, Shabna A, Kalimuthu K, Thangarasu AK, Aiswarya SU, Jannet S, Pillai S. Augmented efficacy of utrosidine B over sorafenib in a murine model of human hepatocellular carcinoma. *Pharmaceuticals*. 2022 May 22;15(5):636.
89. Rao MR, Navaneeth PK, Shelin M, Raj R. An innovative technique-Axial Loading and Compression Fixation (ALCF Technique) of scaphoid fracture by percutaneous K-wire. *Journal of Orthopaedic Experience & Innovation*. 2022 Oct 31.
90. Narayanan PV. Repair of Primary Bilateral cleft Lip. *J Cleft Lip Palate Craniofac Anomal* 2022;9:95-100
91. Shenoy U, Consera LB, George JK. Chylothorax after thyroid surgery: A rare cause of postoperative hypoxia!. *Indian J Anaesth* 2022;66:608-10.
92. Narayanan PV. Indocleftcon 2022 Founders Lecture: In search of the perfect cleft lip nose. *J Cleft Lip Palate Craniofac Anomal* 2022;9:113-9.
93. Antony JT. Mentally ill patients and the nation's criminal justice system. *Kerala Journal of Psychiatry*. 2022;35(2):88-97.
94. Chellappan MV, Divakaran D, George N, et al. Long term effects of milking of cut umbilical cord in very preterm neonates: a randomised controlled trial in Southern India. *Archives of Disease in Childhood* 2022;107:A178-A179.
95. Aishwarya Vijay, Padinhare P Mohanan, Dimple Kondal, Abigail S Baldrige, Divin Davies, Raji Devarajan, Govindan Unni et al. Abstract P194: Polypill Eligibility For Patients With Heart Failure With Reduced Ejection Fraction In South India: A Secondary Analysis Of A Prospective, Interrupted Time Series Study. *Circulation* 2022;145(suppl\_1):194. DOI: 10.1161/circ.145.suppl\_1.P194
96. Kamal Sharma, Jay Shah, P.K. Hazra, J.S. Hiremath,....Govindan Unni, et.al. Indian Recommendations on Antithrombotic Management for Chronic Coronary Syndrome: An Expert Consensus Delphi Study. *Heart, Lung and Circulation* January 2022 31:S34

97. John S, Rafi A, Bhaskaran R, Innah S. Seroprevalence of SARS-CoV-2 antibody among blood donors during the second wave of COVID-19 in a tertiary care centre in South India. *VoxSanguinis*. 2022:265-.

**Book**

1. Aswath Kumar, MeghaJayaprakash. Intrapartum Fetal Surveillance. textbook of evidence based practice for management of High Risk Pregnancy- Evangel Publication
2. Aswath Kumar, ShyamaDevadasan. Inhibin and Activin. Fogsifucos on Harmony of hormones.- Evangel Publication
3. UshaShenoy. Placenta accreta spectrum: An emerging challenge in obstretic anesthesia. In: Yearbook of Anesthesiology 11. Editor: Mukul Chandra Kapoor & Baljit Singh, Jaypee Publishing; 2022
4. SV Abraham Drug overdose. In: Sandhya A Kamath, editor. API Textbook of medicine. 12th ed. West Sussex (GB): Jaypee Publishing; 2022.