

Jubilee Mission Medical College & Research Institute, Thrissur

List of publication-2024

Original article:

1. Adiody S, Bellad V, Vellore M. Prevalence of coronary artery disease in chronic obstructive pulmonary disease patients- a retrospective observational study. *Int J Community Med Public Health* 2024;11 (1):281-4.
2. Davis A, Bahuleyan B. Assessing the Communication Skills of Medical Students: Bridging the Gap in Patient Centred Care. *GAIMS Journal of Medical Sciences* 2024;4(1) (Jan-Jun):12-17.
3. Thomas NE, Bahuleyan B, Shilpa AV, Babu R, Davis A, Archana S. Designing, Implementation and Assessment of Effectiveness of Physiology Electives in CBME Curriculum. *GAIMS Journal of Medical Sciences*. 2024 Jan 16:145-51.
4. Mathew J, Sebastian L S, Bahuleyan B,. Breaking Barriers and Nurturing Acceptance: Exploring School Teachers' Knowledge and Awareness About LGBTQ+ Communities. *GAIMS Journal of Medical Sciences*. 2024 Jan 16:156-162.
5. Das S, Adiody S , Varghese J , Vanditha M, Evelyn M, John M. Exploring the novel duo of Reticulocalbin, and Sideroflexin as future biomarker candidates for Exacerbated Chronic Obstructive Pulmonary Disease. . *Clinical Proteomics* (2024)
6. Leena C.O, Mathew John, Mahendra Kumar Verma, Harisuthan T. Importance of Inflammatory Markers as Common Risk Factors in Diabetes Mellitus and Acute Ischemic Stroke. *International Journal for Multidisciplinary Research*. 2024 Jan-Feb 6(1): 1-7.
7. Verma V, Valsan C, Mishra P, Mund K, Dutta S, Anke G, Sasi H, Shah D. Antimicrobial Resistance Profile in ICU Patients Across India: A Multicenter, Retrospective, Observational Study. *Cureus*. 2024 Apr;16(4).
8. Sasidharan A, Bhaskaran R, Baiju NM, Rafi AM, Innah SJ. Performance analysis of point-of-care testing haemoglobin concentration methods with automated haematology analyser amongst blood donors. *J Clin Sci Res* 2024;13:12-7.
9. Edakkattil S, Abraham SV, Panattil NJ, Gafoor FA, Jacob L, Liu R. Prehospital Factors Associated with Delayed Hospital Arrival of Stroke Patients: A Regional Single-Center Study from India. *Annals of Indian Academy of Neurology*. 2024:10-4103.
10. Mohandas A, Valsan C, Joseph S, Varghese R, Baby J, Jacob S, Sani N, Babu S. Impact of conducting hand hygiene audits during the COVID-19 pandemic in an intensive care unit at a tertiary care centre in Kerala, India. *GMS Hyg Infect Control*. 2024;19
11. Nath AV, Nayar P, Poulouse S. Variable angle locking plate versus multiple k wire fixation for intra-articular distal radius fracture: a prospective comparative study of functional outcome in elderly. *The Journal of the Bulgarian Orthopaedics And Trauma Association*. 2024 May 8;61(02):61-78.
12. RS AR, Mathew BI. Assessment Of Risk Factors For Mortality In Cardiac Surgical Adult Patients. *Diabetes*.;230:0-4.
13. Leena CO, Varma MK, John M, Harisuthan T. The Relationship between HbA1c and Inflammatory markers in Acute Ischemic Stroke with and without Diabetes Mellitus. *Research & Reviews: A Journal of Medical Science and Technology*. 2024; 13 (1): 57-66p.

14. Sebastian K, Poulouse SP, Thomas AK, Valsan S. Evaluation of functional outcome in patients treated with locking compression plate for distal femur fractures. *The Journal Of The Bulgarian Orthopaedics And Trauma Association*. 2024 Mar 12;61(01):39-47.
15. Valsan C, Ardra M, Paul J. Incidence of *Clostridium difficile* in Patients with Antibiotic Associated Diarrhea. *Journal of Medical Bacteriology*. 2024 Jan 2;12(1):16-24.
16. Manjeri MP, Minshad M, Manjeri PO. Comparison of ultrasound-guided genicular nerve block and knee periarticular infiltration for postoperative pain and functional outcomes in knee arthroplasty in cardiac patients—A randomised trial.
17. Francis J, Sebastian H, Daniel S, Gilvaz S, TS R, Susan George S, Varghese L, Varghese PR. Association of the MCP-1 rs1024611 Polymorphism with Polycystic Ovary Syndrome in the Indian Population. *International Journal of Fertility and Sterility*. 2024 May 8.
18. Aswathi R, Jayalakshmi S. Immunohistochemical Expression Patterns Of P53 In Surface Epithelial Ovarian Tumors-A Descriptive Study In Central Kerala. *Journal of Population Therapeutics and Clinical Pharmacology*. 2024 Feb 29;31(2):2710-7.
19. Pradeep SM, Benny HA, PRADEEP SM, BENNY HA. Comparison of Upper Airway Ultrasonography Against Quantitative Waveform Capnography for Validating Endotracheal Tube Position in a South Indian Population. *Cureus*. 2024 Jan 20;16(1).
20. Abraham A, Krishna S, Subhakumari KN, Chakkalakkudy GG. Study On Vitamin D And Alcohol Related Psychiatric Disorders. *InObstetrics and Gynaecology Forum* 2024 May 13 (Vol. 34, No. 2s, pp. 760-766).
21. Sandra K S, Neethi Valsan, Menon Girish Sreekumar, Angel Abraham, Nimisha V, Geomy G Chakkalakkudy. Exploring biological contributors to depression in postmenopausal women in central Kerala. *Int J Acad Med Pharm* 2024; 6 (2); 105-108.
22. Das S, John M, Adiody S. Relevance of copper/zinc ratio and its association with redox status in chronic obstructive pulmonary disease. *Int J Community Med Public Health* 2024;11:2291-5.
23. Savio Simon, Viji Krishnan, Lola Ramachandran. A Hospital-based Study on assessing the significance of Serum Lactate dehydrogenase level in Preeclampsia and its association with Maternal and Fetal outcome. *Research Journal of Pharmacy and Technology*. 2024; 17(5):2109-3.
24. Xavier R, Ravindran S. Psychological Impact of COVID 19 Pandemic on Mental Health of Children Admitted to a Tertiary Care Centre. *JCMS Nepal*. 2024; 20(2): 179-85.
25. Mathew A, Varghese S, Chathappan RP, Palatty BU, Chanchal AV, Abraham SV. Prehospital Care for Road Traffic Injury Victims. *Journal of Emergencies, Trauma, and Shock*. 2024:10-4103.
26. Hima S, Remya C, Sadasivan C, Dileep KV. Carboxylic acid derivatives suppress the growth of *Aspergillus flavus* through the inhibition of fungal alpha-amylase. *Journal of Biomolecular Structure and Dynamics*. 2024 May 2;42(7):3563-7.
27. Kumar SS, Krishnakumar K, Maria E, John M. Exploring the cytoprotective potential of flavonoid fraction from *Carica papaya* L. Cultivar 'Red Lady' Leaf: Insights into Nrf2 activation via in-vitro and in-silico approaches. *South African Journal of Botany*. 2024 Sep 1;172:373-87.
28. Paiva JA, Rello J, Eckmann C, Antonelli M, Arvaniti K, Koulenti D, Papathanakos G, Dimopoulos G, Deschepper M, Blot S. Intra-abdominal infection and sepsis in

- immunocompromised intensive care unit patients: Disease expression, microbial aetiology, and clinical outcomes. *European Journal of Internal Medicine*. 2024 Jul 29. (John paul)
29. Damodaran Nair, K., Gilvaz, S., Menon, B. et al. Accuracy of a Noninvasive, Wearable, Wireless, ECG-Based, Intrapartum Monitoring Tool Against the Conventional Ultrasound-Based CTG. *J Obstet Gynecol India* (2024). <https://doi.org/10.1007/s13224-024-01998-2>
 30. Abraham SV, Joy A, Sahu AK, Ravindra P, Dhar S, Teja R, Krishnan SV, Liu R, Rudd AG, Ford GA. Barriers to Effective Prehospital and Hyperacute Stroke Care in India: A Physician Perspective. *Journal of Emergencies, Trauma, and Shock*. 2024;10-4103.
 31. Leena CO, Varma MK, John M, Harisuthan T, Maria E. Importance of Inflammatory Marker Ratio and Lipid Profile Ratio in Acute Ischemic Stroke. *International Journal of Brain Sciences*. 2024;1(1):19-30p.
 32. Yelamanda Rao K, Chandran R, Dileep KV, Gorantla SC, Jeelan Basha S, Mothukuru S, Siva kumar I, Vamsi K, Kumar S, Reddy AB, Subramanyam R. Quinazolinone–Hydrazine Cyanoacetamide Hybrids as Potent Multitarget-Directed Druggable Therapeutics against Alzheimer’s Disease: Design, Synthesis, and Biochemical, In Silico, and Mechanistic Analyses. *ACS Chemical Neuroscience*. 2024 Sep 5.
 33. Archana S, Bahuleyan B, Shilpa AV, Sreeja CK, Babu R, Thomas NE, et al. Nurturing, learning and collaboration in medical education: An exploration of the Jigsaw teaching method. *Natl J Physiol Pharm Pharmacol* 2024;14(07):1414-1418
 34. Shilpa AV, Bahuleyan B, Unnikrishnan UG. Effectiveness of problem-based learning compared to conventional lectures as a teaching–learning method for medical students. *National Journal of Physiology, Pharmacy and Pharmacology*. 2024;14(4):611-4.
 35. Valsalan ES, Jacob J, Kuriachan S, Kumar DM, Rakesh LR. Effect of insulin versus dietary restriction alone on umbilical cord and placenta l arterio-venous anastomoses in women with gestational diabetes mellitus. *J Med Sci Res*. 2024;12(2):174-8.
 36. Nijisha N, Kuriachan S, Kumar M, Jacob J. Effectiveness and safety of bortezomib-dexamethasone regimen in patients with multiple myeloma: A prospective observational study. *Asian Journal of Medical Sciences*. 2024 Aug 3;15(8):67-72.
 37. Ninan Oommen A, Thomas R, Sasidharan Sh, Muraleedhar S, Uttumadathil Gopinathan U, Rachel Joy R, Girish Babu YK. Investigating the impact of multimodal training on surgical informed consent in final year medical students: A quasiexperimental study. *J Med Edu Dev*. 2024; 17(55): 10-20.
 38. Yelamanda Rao K, Chandran R, Dileep KV, Gorantla SC, Jeelan Basha S, Mothukuru S, Siva kumar I, Vamsi K, Kumar S, Reddy AB, Subramanyam R. Quinazolinone–Hydrazine Cyanoacetamide Hybrids as Potent Multitarget-Directed Druggable Therapeutics against Alzheimer’s Disease: Design, Synthesis, and Biochemical, In Silico, and Mechanistic Analyses. *ACS Chemical Neuroscience*. 2024 Sep 5.
 39. Korambayil PM, Sanghvi HA, Dilliraj VK, Ambookan PV. Evaluating Hyperbaric Oxygen Therapy to Improve Single-Stage Dermal Substitute and Skin Grafting: A Comparative Study. *Indian Journal of Plastic Surgery*. 2024 Jul 18.
 40. Sreeja CK, Devi VK, Aneesh MK, Sreekanth KS. A digital volume pulse device—finger photo pulse plethysmography to trace the vascular integrity amongst the low back pain subjects with lumbar disc degenerative diseases diagnosed by MRI analysis. *Radiation Protection Dosimetry*. 2024 Jul;200(11-12):1163-6.

41. Poovathingal MA, Gilvaz P, Chacko F, Baby N. Prognostication of Bell's palsy: a new perspective. *International Journal of Research in Medical Sciences*. 2024 Apr;12(4):1147.
42. Arun KS, Kumar PS, Rajan AR, Mathai MT, Kakkanat CA, Adiody SB. Ocular toxicity of daily anti-tubercular treatment regimen: A prospective observational study. *Kerala Journal of Ophthalmology*. 2024 May 1;36(2):137-42.
43. Kannan R, Naveen R. Assessment of self-perceived risk and risk rating among chemical sprayers in selected tea plantations in South India. *International Journal of Occupational Safety and Health*. 2024 Jan 9;14(1):1-6.
44. Mannukaden NJ, Bist R, Lakshman K, KL SK, BP R. Neurological and Radiological Predictors of Outcome in Traumatic Brain Injury Patients Undergoing Decompressive Craniectomy. *European Journal of Cardiovascular Medicine*. 2024 Apr 1;14(2).
45. Kumar SS, Gayathri TV, Krishnakumar K, John M. Antioxidant potential and mineral elemental profiling of young and mature fruit and leaf of *Carica papaya* L. cultivar 'Red Lady'. *Journal of Trace Elements and Minerals*. 2024 May 31:100166.
46. Sreeja CK, VN MD, Aneesh MK. Analysis of Finger Photo Pulse Plethysmography and Body Composition among Low Back Pain Subjects with Lumbar Disc Degenerative Diseases Diagnosed by MRI Analysis. *Research Journal of Biotechnology* Vol. 2024 Jul;19:7.
47. Sreedevi J, Neethu G, Anjali G, Cherish P. A Randomised Control Study Comparing Ultrasonography with Standard Clinical Methods in Assessing Endotracheal Tube Tip Positioning. *The Journal of Critical Care Medicine*. 2024 Apr 30;10(2):177-82.
48. Abraham A, Krishna S, Subhakumari KN, Chakkalakkudy GG. Study on vitamin d and alcohol related psychiatric disorders. *InObstetrics and Gynaecology Forum* 2024 May 13 (Vol. 34, No. 2s, pp. 760-766).

Position paper

1. Welsh JA, Goberdhan DC, O'Driscoll L, Buzas EI, Blenkiron C, Bussolati B, Cai H, Di Vizio D, Driedonks TA, Erdbrügger U, Falcon-Perez JM. Minimal information for studies of extracellular vesicles (MISEV2023): From basic to advanced approaches. *Journal of extracellular vesicles*. 2024 Feb;13(2):e12404.

Protocol

1. Bhatia R, Srivastava MP, Sarkar R, Fatima S, Longkumer I, Garg A, Gupta P, Pandian JD, Khurana D, Sylaja PN, Jain S. STENOSIS: Long-term single versus dual antiplatelet therapy in patients with ischaemic stroke due to intracranial atherosclerotic disease—a randomised trial. *BMJ Neurology Open*. 2024;6(1).

Review:

1. Padinharayil H, Varghese J, Wilson C, George A. Mesenchymal stem cell-derived exosomes: Characteristics and applications in disease pathology and management. *Life Sciences*. 2024 Feb 28:122542.
2. Padinharayil H, George A. Small extracellular vesicles: multi-functional aspects in non-small cell lung carcinoma. *Critical Reviews in Oncology/Hematology*. 2024 Apr 3:104341.

3. Lakshminarayanan S, Aboobacker M, Brar A, Manoj MP, Elnimer MM, Marepalli A, Shukla KJ, Yousaf MS, Taqveem A, Hassan MJ, Aboobacker M. Advancing Perioperative Neurocognitive Health: A Critical Review of Predictive Tools, Diagnostic Methods, and Interventional Strategies. *Cureus*. 2024 May 1;16(5).

Case report:

1. Joy G. Isolated congenital genu recurvatum a case series. *The Journal of the Bulgarian Orthopaedics And Trauma Association*. 2024 May 8;61(02):56-60.
2. Korambayil PM, Vijayaraghavan D, Cunha CA. Ulceration within a Neurofibromatous Nodule: A Case Report. *Asian Journal of Case Reports in Surgery*. 2024.
3. Jassal Mathew, Smrthi Vijay, Lincy Joseph. A Rare Case of Renal Actinomycosis Masquerading as Malignancy. *Journal of Clinical and Diagnostic Research*. 2024 Jul, Vol-18(7): ED17-ED19.
4. Junith Thomas, Rohini Sebastian, C R Anil Kumar, Aboobacker Mohamed Rafi Case of lead poisoning secondary to intake of herbal medicine for diabetes mellitus in a tertiary care hospital in Kerala. *EDM Case Reports* (2024) e230066. <https://doi.org/10.1530/EDM-23-0066>
5. Pradeep A, Vijayaraghavan D. Pigmented Bowen's Disease: Atypical Presentation of a Rare Variant.
6. Ankathil R, Zakaria WN, Hamid MR, Ismail SM, Yunus NM, Annuar AA, Van Rostenberghe H. Chromosome Translocation t (6; 14) With Different Phenotypes and Segregation Patterns: A Report of Two Cases. *Cureus*. 2024 Sep 1;16(9).
7. Bonny TP, Kumar R. Migration Beyond Imagination-A Case Report. *Kerala Journal of ENT and Head & Neck Surgery*. 2024 Aug 11;3(1):36-8.

Book:

1. Remya C, Aiswarya N, Dileep KV. Unveiling Nature's Arsenal: Natural Sources for Drug Discovery in Alzheimer's Disease. In *Drugs from Nature: Targets, Assay Systems and Leads* 2024 Mar 19 (pp. 333-366). Singapore: Springer Nature Singapore.