

Jubilee Mission Medical College & Research Institute, Thrissur

List of publication 2022

Original Article:

1. Narayanan PV. Repair of Primary Bilateral cleft Lip. *J Cleft Lip Palate Craniofac Anomal* 2022;9:95-100
2. Rose Babu, Biju Bahuleyan, Pallavi Panchu, 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
3. 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 Anaesthesiol Clin Pharmacol* 2022;38:453-7
4. 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).
5. Jose M, Rajmohan P, Thomas J, Krishna S, Antony B, Gopinathan UU, Iyyapan EM, Porinchu 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.
6. 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.
7. Gupta P, Kadambari 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.
8. 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- α 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.
9. 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.
10. 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*. 2022 Apr 19.
11. Raj TA, Gopinath P, Raj JG, Narayanan G, Nair SG, Philip DS, Raveendran S, Geetha P, Sreedharan H. 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.
12. 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. JoeThomas 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. *EXECUTIVE EDITOR*. 2022 Apr;13(2):219.
 14. 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 May 6.
 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. 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.
 17. 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.
 18. 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.
 19. 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.
 20. Hancy P Varghese, Mridula Vellore, Presthiena Lofi. Impact of digital learning during COVID-19 epoch: a cross 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.
 21. 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.
 22. Krishnan V. Biochemical and endocrinological aspects of female infertility: Descriptive comparative study. *European Journal of Molecular & Clinical Medicine*. 2022; 09 (02), 2038-43.
 23. 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.
 24. 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.
 25. 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.
 26. Arun VJ, Deorukhkar A, Rafi AM, Charles D, Devendra R, Innah SJ, et al. Successful management of Methemoglobinemia and G6PD deficiency in a patient posted for surgical excision of branchial cyst. *Asian J Transfus Sci* 2022;16:128-31.

27. 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
28. 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
29. 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
30. 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.
31. 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.
32. Harikrishnan S, Mani A, Sanjay G, Ashishkumar M, Menon J, Rajesh G, Kumar RK, Koshy AG, Attacheril TV, George R, Punnose E. Pulmonary Hypertension Registry of Kerala, India (PRO-KERALA): One-year outcomes. *Indian Heart Journal*. 2022 Jan 1;74(1):34-9.
33. 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.
34. 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.
35. Jose M, MB Sasmi 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.
36. 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.
37. 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. <https://doi.org/10.32598/CJHR.7.4.448.1>
38. 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.
39. 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.
40. 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.
41. 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.
42. Cobianchi L, Piccolo D, Dal Mas F, Agnoletti V, Ansaloni L, Balch J, Biffl W, Butturini G, Catena F, Coccolini F, Denicolai S. Surgeons' perspectives on artificial intelligence to support

- clinical decision-making in trauma and emergency contexts: results from an international survey. *World Journal of Emergency Surgery*. 2023 Dec;18(1):1-7.
43. 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.
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 45. Manjaly SP, Sebastian SA, Alex A. Malnutrition in Elderly-A Predictor of Cognitive, Functional Decline, Depression and Prolonged Hospital Stay. *Journal of Medical Sciences*. 2022 Jan;8(1):28.

Case report

1. Pudukadan D. Papulopustular rash following Moderna COVID-19 (mRNA-1273) vaccine: A case report. *Journal of Skin and Sexually Transmitted Diseases*.:1-5.
2. Mukundan PK, Rameshkumar G, Sukumarankurup G. Clinical challenges in confirming the differential diagnosis of suspected Dabska's tumour of the hand. *J Clin Sci Res* 2022;11:47-50.
3. Sabu George et al. Seronegative limbic encephalitis in association with Sjögren's syndrome: a rare case report. *Pan African Medical Journal*. 2022;41(52).
4. 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.
5. 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.
6. 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.
7. George SK, Baby N, Varghese P, Joseph TK. Crohn's Disease Presenting as Metabolic Myopathy: A Case Report. *Neurol India* 2022;70:1230-2.

Review

1. Ramgir SS, Renu K, Vellingiri B, **George A**, Tirupapuliyur D, Thiagarajan P, Valsala Gopalakrishnanash A. Phytomedicinal therapeutics for male infertility: critical insights and scientific updates. *Journal of natural medicines*. 2022 Apr 4:1-28.
2. Padinharayil H, Varghese J, **George A**. Non-small cell lung carcinoma (NSCLC): Implications on molecular pathology and advances in early diagnostics and therapeutics. *Genes & Diseases*. 2022 Aug 23.
3. 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.
4. Padinharayil H, Alappat RR, Joy LM, Anilkumar KV, Wilson CM, **George A**, Valsala Gopalakrishnan A, Madhyastha H, Ramesh T, Sathiyamoorthi E, Lee J. Advances in the Lung Cancer Immunotherapy Approaches. *Vaccines*. 2022 Nov;10(11):1963.
5. 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.

- 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.
- 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.

Conference

- Chellappan MV, Divakaran D, George N, Varghese PR, Unnikrishnan UG, Vellore M, Maya KN, Martin D. 1061 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 Aug 2022*, 107 (Suppl 2) A178-A179; DOI: 10.1136/archdischild-2022-rcpch.286
- Manoj Varanattu Chellappan,, Divakaran Divakaran, Neetha George, Sudha Ayyasamy, Vijila Paulraj, Anirudh reddy Paidy, HYDERABAD; Nice Johnson, Varghese PR, Unnikrishnan UG, Mridula Vellore, Presthiena Lofi E L, Maya KN, Ditty Martin and Jesmy James. Effects of milking of cut umbilical cord in very preterm neonates: a randomised controlled trial in Southern India. PAS 2022 Meeting sponsored by the American Pediatric Society, Society for Pediatric Research, Academic Pediatric Association, and American Academy of Pediatrics and/or other related alliance meetings. April 21 - 25, 2022, in Denver, Colorado.

Others

- 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.

Correspondance

- 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.

Short communication:

- 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.

Oration:

- Narayanan PV. Indocleftcon 2022 Founders Lecture: In search of the perfect cleft lip nose. *J Cleft Lip Palate Craniofac Anomal* 2022;9:113-9.

Letter to editor

- Shenoy U, Consera LB, George JK. Chylothorax after thyroid surgery: A rare cause of postoperative hypoxia!. *Indian J Anaesth* 2022;66:608-10.

Book

- "Genetic Syndromes. A Comprehensive Reference Guide" (Author(s): Kannampuzha, S., Ravichandran, M., **George, A.**, Vellingiri, B., Valsala Gopalakrishnan, A.
- Vanditha M, Das S, John M. Lipid Metabolism and Associated Molecular Signaling Events in Autoimmune Disease. *Fatty Acids-Recent Advances*.