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LIST OF PUBLICATIONS-2023

DEPARTMENT OF ANATOMY

1. Palanivelu P, Jagadesan V, Vijayaraghavan R, Sivanesan S and Pari SM: Temperature triggered in-situ gelling system for ocular antiviral drug. *Int J Pharm Sci & Res* 2023; 14(1): 340-48. doi: 10.13040/IJPSR.0975-8232.14(1).340-48.
2. Priya palanivelu, Vijayakumar Jegadesan,Rajagopalan Vijaya raghavan and Shree Mukilan Pari ,2023 Amelioration of Inflammation and Cardioprotective effect of Terminalia arjuna bark extract in high fat diet rat model. *International journal of Pharmaceutical Sciences & Research*, 14(1):340-348
3. B.Shahajeer, Dr.Gunapriya Raghunathan, Dr.RVSNS chandrudru, Dr.Vijayaraghavan, Dr.P.Priya,2023 Achyranthes Aspera Root Extract Attenuates the Damage Caused by High Fat Diet and Sterptozotocin - Induced Diabetes in wistar rats. 13.1.L 50-55

DEPARTMENT OF PHYSIOLOGY

4. Jain P, Ramanathan R, Jayapal M, Gopalakrishna SM, Shanmugam j, Moorthy R. Impact of COVID-19 pandemic on medical education. *Natl J Physiol Pharm pharmacol* 2023;13(3).
5. Ramanathan Rashmi, Shanmugam Jeevithan, Magadi Gopalkrishna Sridhar, Thaneerpandhal Palanisamy Kalanithi. Choice of medical profession-passion or pressure: medical students perspectives. *Int J Pharm Pharm Sci*, 2023;Vol 15, Issue 2: 60-63.
6. Rangesh H D,Ramanathan R,Mani V ,Shanmugam J ,Rathinamoorthy R.Study on stress perceived and the impact of stress on sleep among medical college students.NJPPP 2024 | Vol 14 | Issue 03.

DEPARTMENT OF BIOCHEMISTRY

7. Indhu R,Dhivya M, Madhav V. Effect of hemodialysis on serum magnesium levels in patients with chronic renal failure. *National Journal of laboratory medicine. Vol-12(1): B001-B005,2023.*
8. Ramasamy I,Manickam D ,Venkatesh M.Effect of hemodialysis on serum magnesium level in patients with chronic renal failure: cross sectional study.National journal of laboratory medicine.2023 Jan 1



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9. Mohammed M, Sridhaar M G, Manickam D. Vitamin D status in patients with renal disorder at a tertiary care hospital in coimbatore, Tamil nadu, india; A cross sectional study 2023 oct.,12(4):BO21 -BO24
10. Monika N, Beegum MS, Jabbar PK, Jessy SJ. Serum Omentin-1 Levels in Patients with Type 2 Diabetes Mellitus and their Correlation with Lipid Profile: A Case- control Study [Internet].2023 October [Cited November 30, 2023];12(4):BO13-BO16.
11. Sujatha Rajaragupathy, Govindarajan S, Ganesan J, Subramanian K, Vijaya Doraiswamy, Balasubramaniam Gayathri, et al. Identifying entrustable professional activities for MD program in biochemistry—A modified Delphi approach. *Biochemistry and Molecular Biology Education*. 2023 May 6;51(4):402–9.

DEPARTMENT OF PHARMACOLOGY

12. Dr Bhuvaneshwari S, Dr Rashmi R, Dr Deepika K, Dr Anirudh V.Mutalik, Dr Vijayamathy A, Dr Rekha S, Dr Kathiravan. Impact of Panel Discussion in Educating AETCOM First Module among Undergraduate Medical Students. *Lat.Am.J.Pharm*. 2023;42(6): 407-412.
13. Sathiya vinotha A T, Sridhar M G, Bhuvaneshwari S, Umamageswari M S, Vijayamathy A, Velarul S, Jeevithan S, Ramkumar S. Impact of diabetes mellitus on clinical profile and outcome of Covid-19 patients in a tertiary care hospital. *Int J Pharm Pharm Sci*.2023;15(2):31-34.
14. Girish K, Gowda N, Jyothi. R, Arunnair V. Drug therapy of Hypopigmentary Disorders of the Skin: A Hospital-based Study. *Int J Pharm Pharm Sci*. 2023 (Accepted for publication on 20.2.2023)
15. Arunnair V, Bhuvaneshwari S, Umamageswari MS, Sathiya Vinotha AT, Velarul S, Jeevithan S. Adverse events following COVID-19 vaccination: An online survey. *Natl J Physiol Pharm Pharmacol* 2024;14 (Online First). DOI: 10.5455/njppp.2023.13.07372202302082023
16. Bhuvaneshwari S, Sathiya Vinotha A.T, Ramkumar S, Umamageswari M.S, Vijayamathy A, Velarul S, Jeevithan S, Kavitha S. Emphasise the effect of Covid-19 patients on antihypertensive drugs in a tertiary care hospital – a cross sectional study. *National Board of Examination - Journal of Medical Sciences*.2023;1(11):627–634. DOI 10.61770/NBEJMS.2023.v01.i11.002
17. Punithavathy, Deepa K, Sathiya vinotha A T, Chandramohan K, Jeevithan S. COMPARATIVE STUDY OF CLONIDINE AND FENTANYL AS ADJUVANTS TO INTRATHECAL ROPIVACAINE TO ASSESS THE DURATION OF ANALGESIA IN LOWER LIMB SURGERIES. *International Journal of Scientific Research*.2023;12(4):1-3. DOI : 10.36106/ijsr



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DEPARTMENT OF PATHOLOGY

18. Karthikeyan TM, Sundari AA, Veenaa NN, Shivapriya R, Prema N. The impact of SARS-CoV-2 infection on term placentae. *Indian J Pathol Microbiol.* 2023 Apr-Jun;66(2):301-306. doi: 10.4103/ijpm.ijpm_237_21. PMID: 37077072.
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20. Muthusamy RK, Thangaraju D, Mehta SS, Lavanya. The histopathology of culture proven Melioidosis. *National Board of Examination - Journal of Medical Sciences.*2023;1(12):1-9.
21. Venkatesh V, Chakravarthy A, Devi G, TM K. Variation in mast cell density playing a significant role in prognosis of uterocervical lesions: A hospital based study. *Latin American Journal of Pharmacy.* 2023 Apr 17;42(2):141-6.
22. Sundari A A, Shivapriya R, Karthikeyan T M, Venkatesh V. Morphological Changes in Blood Cells as Indicators for Disease Progression in COVID-19. *J Appl Hernatol* 2023;14:41-7.
23. Kandaswamy S, Palanisamy P. Immunohistochemical expression of bc1-2 in endometrial carcinoma and its comparison with hormone receptor status and epidermal growth factor. *Cureus*15(1): e33346.DOI 10.7759/cureus.33346
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DEPARTMENT OF MICROBIOLOGY

25. Baskaran V, Jeyamani L, Thangaraju D, Sivaraj R, Jayarajan J. Detection of Carbapenemase Production by Modified Carbapenem Inactivation Method among Carbapenem Resistant Gram- negative Bacilli at a Tertiary Care Centre in Coimbatore, Tamil Nadu, India. *National journal of laboratory medicine.* 2023;12(3): MO11-MO14
26. Nithu R, Deepika K, Jayalakshmi J, Pusphavalli R. Invitro detection of biofilm formation in clinical isolates and comparison with antibiogram. *International journal of scientific research.* 2023;12(3). DOI : 10.36106/ijsr
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DEPARTMENT OF COMMUNITY MEDICINE

28. Ponnaiah M, Bhatnagar T, Abdulkader RS, Elumalai R, Surya J, Jeyashree K, Kumar MS, Govindaraju R, Thangaraj JWV, Aggarwal HK, Balan S, Baruah TD, Basu A, Bavaskar Y, Bhadoria AS, Bhalla A, Bhardwaj P, Bhat R, Chakravarty J, Chandy GM, Gupta BK, Kakkar R, Karnam AHF, Kataria S, Khambholja J, Kumar D, Kumar N, Lyngdoh M, Meena MS, Mehta K, Sheethal MP, Mukherjee S, Mundra A, Murugan A, Narayanan S, Nathan B, Ojah J, Patil P, Pawar S, Ruban ACP, Vadivelu R, Rana RK, Boopathy SN, Priya S, Sahoo SK, Shah A, Shameem M, Shanmugam K, Shivnitwar SK, Singhai A, Srivastava S, Sulgante S, Talukdar A, Verma A, Vohra R, Wani RT, Bathula B, Kumari G, Kumar DS, Narasimhan A, Krupa NC, Senguttuvan T, Surendran P, Tamilmani D, Turuk A, Kumar G, Murkherjee A, Aggarwal R, Murhekar MV; Sudden Adult Deaths Study Group. Factors associated with unexplained sudden deaths among adults aged 18-45 years in India - A multicentric matched case-control study. Indian J Med Res. 2023 Oct 1;158(4):351-362. doi: 10.4103/ijmr.ijmr_2105_23. Epub 2023 Sep 25. PMID: 37988028.
29. Naik G, Pal R, Kumar M. Health assessment of rural primary school children in Raipur, Chhattisgarh: Findings from a cross-sectional study. D Y Patil J Health Sci 2023;11:92-7.
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33. Naik G, Pal R, Kumar M. Health assessment of rural primary school children in Raipur, Chhattisgarh: Findings from a cross-sectional study. D Y Patil J Health Sci 2023;11:92-7.
34. Pathak VK, P KP, Panigrahi SK, Raj U, Kumar M. Essential Service Products as Channels for COVID-19 Awareness and Behavior Change: A Narrative Review. Annals of the National Academy of Medical Sciences (India). 2023 Jun 16
35. Kumarasamy TA, Dheepane K, Kumar M. Acute Illness Observation Scale (AIOS): Effectiveness in diagnosing and managing children 2 to 60 months presenting with Acute Respiratory Illness Vol:27 Issue:1,2023



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36. Smrithi Jain, Susila T, Senthil Arasi Duraisamy, Krithiga Sivakumar, Sameeya Furmeen Salam, Punithakumary P, Seenivasan P. Vocation and Mobility as Significant Modifiable Determinants For Quality Of Life Among Oral And Throat Cancer Patients - A Hospital Based Study From Southern India. *National Journal of Community Medicine*. 14. 236-241. 10.55489/njcm.140420232724
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38. Malarkodi M, Madhavi S, Feny EE, Jeevithan S, Mohan K. Distribution of Body Mass Index and its demographic determinants among adolescent girls in urban and rural Coimbatore: A community based analytical cross sectional study. *IOSR Journal of Nursing and Health Science*. 2023;12(1):10-16.
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43. Kumar M, Pathak VK, Tripathi S, Upadhyay A, Singh V, Lahariya C. Burden of Childhood Injuries in India and Possible Public Health Interventions: A Systematic Review. *Indian Journal of Community Medicine* 48(5):p 648-658, Sep–Oct 2023.
44. Shanmugam J, Ramanathan R, Kumar M, Gopalakrishna SM, Palanisamy KT, Narayanan S. Perspectives of Teachers at Medical Colleges Across India regarding the Competency based Medical Education Curriculum – A Qualitative, Manual, Theoretical Thematic Content Analysis. *Indian J. of Com. Health*. 2023;35(1):32-37.

DEPARTMENT OF PEDIATRICS

45. Sivanandam S, Balaji S, Umakanthan, Vikash P, Rajendran K, Jeevithan s. Prevalence of oral health conditions among children in the mixed dentition stage attending a tertiary care hospital in Western Tamil Nadu, India: A cross sectional study. *European Journal of Cardiovascular Medicine*.2023;13(3):1290-1296.



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46. Sivanandam S, Vikash RP, Balakrishnan R, Rajendren K, Karthikeyan TM. Varied Aetiologies and Outcome of Neonatal Cholestasis: A Series of Four Cases. *Journal of Clinical & Diagnostic Research*. 2023;17(9):SR01-SR05.

DEPARTMENT OF GENERAL MEDICINE

47. Sekkizhar U, Ramanathan R, Sakthivel PA, Shanmugam J. Effectiveness of early clinical exposure in competency-based curriculum – A step forward. *Natl J Physiol Pharm Pharmacol* 2024;14 (Online First). DOI: 10.5455/njppp.2023.13.05280202331052023
48. Moneshaa S, Rashmi R, Shyamala GK, Aswin S S, Jeevithan S, Ramesh R. Association of serum Uric acid levels with Fasting Blood Glucose in Type II Diabetics and healthy individuals. *Lat. Am. J. Pharm.* 2023; 42 (3):954-960.

DEPARTMENT OF ANAESTHESIOLOGY

49. Areti A, Sivashanmugam T. A Promising Regional Anaesthesia Approach for Awake Clavicle Surgeries; The SCUT Block : A Short Communication. *J Anesth Clin Res*. 14: 1110.

DEPARTMENT OF DENTISTRY

50. Balaji S, Sivanandam S, Umakanthan, Sharavavan M, Rajendran K, Jeevithan S, Rathinamoorthy R. Understanding the barriers in seeking dental care among children in the mixed dentition stage at a tertiary care hospital in Western Tamil Nadu, India: A mixed method study. *International Journal of Pharmaceutical and Clinical Research*. 2023;15(8):721-725.

DEPARTMENT OF RADIODIAGNOSIS

51. A Pavithra, P Sabari Arasu, N Jayaprakash, S Arun Kumar. Role of DCE and DWI MRI in differentiating between benign and malignant breast masses using 3T MRI : A Cross-sectional study. *Int j anat radiol surg*. 2023 March; 12(2): RO05 – RO09

DEPARTMENT OF EMERGENCY MEDICINE

52. R Vishnu , K Dhilipan , PS Prakash , N Selvarajan. Comparative study of the diagnostic power of full outline of unresponsiveness score and Glasgow Coma Scale in patients with



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53. Gopalakrishna K, Sivanandam S, Sowmya SA, Vinupriya S, Prabhu VR, Rajendran K, Jeevithan S. Estimating the Frequency of Hanifin and Rajka's Minor Criteria among Paediatric Atopic Cases at a Tertiary Care Hospital in Western Tamil Nadu, India- A Cross-sectional Study. Indian Journal of Neonatal Medicine and Research.2023;11(1): PO13-PO17.