

Ongoing Research - 2022-2023

Department of Anatomy

1. The radiographic analysis of morphometric parameters of Distal radius in TamilNadu Population - A Retrospective Observational Study. Dr.Geeta Anasuya .D et al
2. A study on stress, anxiety and depression among undergraduate medical students -A cross sectional study. Dr.Sutha selvaraj, et al
3. Intervertebral Disc Diseases (IVDD): Collagen Type 2 & SOX 9 Genomic loci mapping in the South Indian Population - Dr. Sakthivel M
4. Placental changes and dermatoglyphic asymmetry associated with prenatal maternal stress - Mrs Sobana M
5. Evaluating the effects of Nardostachys Jatamansi on Obesity induced dyslipidemia and PPAR gamma gene expression in adipose tissue of Wistar Albino Rats. Mrs.Preethi.U.

Department of Physiology

6. A comparative study of Arterial stiffness, reflection and pulse wave velocity in type -II diabetic and non- diabetic individuals using finger photoplethysmography before and after exercise. Dr.K. Shyamala Gowri, Dr Rashmi A et al
7. Experiences and perspectives of Dr.K. Shyamala Gowrimedical students about yoga in a medical college in Tamilnadu. Dr.K. Shyamala Gowri
8. Sustainability Acceptability and feasibility (SAF) of modern menstrual hygiene methods: A community participatory exploration among women from diverse settings in coimbatore district. Ms.Ramya .V, Dr Rashmi R et al
9. The Know -Do gap in managing childhood dehydration : A mixed method research among mothers of under five - Children in Coimbatore. Ms. Sowndharya .K, Dr J Mohan et al ICMR STS

Department of Biochemistry

10. Association between Serum gamma Glutamyl transferase and Cardiovascular risk factors in individuals with metabolic syndrome. Ms. Suroobika .D, Dr Kavitha S et al
11. Perspective of students on their learning experience during elective posting in phase - III of the MBBs students. Dr Divya M et al
12. A need of assessment for training on research skills for undergraduate medical students : A mixed method Study. Dr Kavitha S
13. Assessment of cardiovascular risk due to dyslipidemia in patients with subclinical Hypothyroidism. Ms. Sowndarya .P, Dr Raghavi C et al
14. Correlation of RBC indices and plasma HbA 1C in pregnant women in south India. MSc MLT II-year student project

Department of Pharmacology

15. Impact of panel discussion in educating AETCOM first module among undergraduate medical student – Dr S Bhuvaneshwari S
16. Clinical profile and outcome of COVID-19 patients on Antihypertensive drugs in a tertiary care hospital – Dr S Bhuvaneshwari S
17. Knowledge, Attitude and Practices on Antimicrobial Use among the general public - SA Akshara, Dr S Bhuvaneshwari S
18. Understanding of COVID-19 Vaccine During Third wave- A Questionnaire based study – Padmavathani Srinivasan, Dr S Bhuvaneshwari S
19. Awareness of Undergraduate Medical Students about clinical use of Corticosteroids - P Shobanapriya, Dr S Bhuvaneshwari S
20. Impact of Social Media on the Use of Skincare Products among Women in a Metropolitan City - Sowmiha, Dr Bhuvaneshwari S
21. Assessment of Time management skills of first year undergraduate medical students – Dr Bhuvaneshwari, Dr S Velarul
22. Comparative study of Lung involvement among vaccinated and unvaccinated COVID-19 patients– Blesson Sha Fogarty. Dr Bhuvnaeshwari S
23. Acute toxicity study of Arsenicum album in Wistar albino rats – A Monisha, Dr Bhuvaneshwari S
24. To Correlate Drugs Used In Hypertension And Thyroid Disorders - Hema Anusuyia.K, Dr Bhuvnaeshwari S
25. Perspectives of Parents and Caregivers about Vaccination– Jerliya Selvamalar.A, Dr Bhuvnaeshwari S
26. Knowledge, Attitude and Practice of Polypharmacy- among Undergraduate Medical Students – Jerin Varghese, Dr M S Umamageswari
27. Study on knowledge about current TB drug regimens among Medical students & Interns– M Murugan, Dr M S Umamageswari
28. Awareness about Rational Use of Drugs (RUD) among Undergraduate medical students– Shodasi Raman, Dr M S Umamageswari
29. Knowledge, Attitude, Practice regarding use of Insulin and Oral Hypoglycemic Agents among Diabetes Patients - a Cross-Sectional Study– S A Sree Nandhana, Dr M S Umamageswari
30. Anticonvulsant activity of aqueous extract of Andrographis paniculata in Wistar Albino Rats – M Murugan, Dr M S Umamageswari
31. Comparison of the effectiveness of Team based learning and traditional tutorial method in Pharmacology– Dr M S Umamageswari
32. Prescription pattern in the treatment of COVID-19 in a tertiary care hospital– Dr M S Umamageswari
33. Self-Directed Learning Readiness and Lifelong Learning Tendencies among undergraduate students and teaching faculties in a medical college and Allied Health Sciences college– Dr M S Umamageswari

34. A questionnaire-based study on awareness of college students on Pradhan Mantri Bhartiya Janaushadhi Pariyojana (PMBJP) scheme – A cross sectional study. Sadana S Nair, Dr M S Umamageswari
35. Evaluation of Skeletal Muscle relaxant activity of hydroalcoholic extract of *Andrographis paniculata* in Wistar Albino Rats – Rebecca, Puja K, Dr M S Umamageswari
36. Patient views on Anti-Hypertensive drug intake: a questionnaire – based survey – Leena Bharathi.GL, Dr M S Umamageswari
37. Perception of the general public on epilepsy and antiepileptic drugs: A questionnaire-based study– Samuktha Venkatesan, Dr M S Umamageswari
38. To list out the insulin regimens used to estimate the cost of insulin therapy in the treatment of diabetic ketoacidosis in a tertiary care hospital at Coimbatore. Dr M S Umamageswari et al
39. Knowledge, Attitude, and Practice on over-the-counter drugs among undergraduate medical students – Swetha P, Dr A T Sathiya Vinotha
40. Knowledge, attitude, and practice of pharmacovigilance among undergraduate medical students - a cross sectional study– Abinaya M, Dr A T Sathiya Vinotha
41. Awareness about Therapeutic Drug Monitoring among Undergraduate Medical Students– Santhoshisiva K, Dr A T Sathiya Vinotha
42. Knowledge and attitude toward drug promotional literature among undergraduate medical students– Neha M Patel, Dr A T Sathiya Vinotha
43. Evaluation of the Effect of Vitamin D on Swiss Albino Mice Models of Depression– Koushik raj, Dr A T Sathiya Vinotha
44. Profiling of host and microbial genes influencing pharmacogenomics of anti-cancer drugs in breast cancer patients with and without metastasis- P.Pavithra,Dr.A.T.Sathiya Vinotha
45. Awareness of Undergraduate Medical Students about Fixed Dose Combination – V Yamuna, Dr A T Sathiya Vinotha
46. Public perception about asthma and its medications: An online questionnaire-based study– Prem kumar.S, Dr A T Sathiya Vinotha
47. Effect of Hesperidin and ascorbic acid on antitubercular drug induced hepatotoxicity in Wistar albino Rats. Dr Nathiya S
48. Prevalence of dental caries and fluorosis associated with fluoride levels in coimbatore city. Dr Nathiya S
49. Comparative study of efficacy and safety of fluvastatin versus atorvastatin as add on therapy in COPD patients. Dr Christina S

Department of Pathology

50. Evaluation of Neoplastic Pathologic Findings in Tumor Nephrectomy Specimens :A multicenter study from India. Dr Preethi Sekar
51. Spectrum in Renal Biopsy findings in Diabetic patients. Dr Preethi Sekar



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Department of Microbiology

52. Comparative analysis on identification and antimicrobial susceptibility profile of candida species isolated from blood using conventional and automated methods. Mr. Vimal Rajan, MSc MLT
53. Rapid detection & characterization of Carbapenemases produced by multi drug resistant Enterobacteriaceae isolated from various clinical specimens in a tertiary health care facility.. Mr. Jakulla Mohit Krishna, Dr J Jayalakshmi ICMR STS
54. Incidence of surgical site infections (SSI)'s its characteristics and antimicrobials susceptibility among patients operated in Obstetrics & Gynecology. Mr. Kabilan, Dr J Jayalakshmi
55. Phenotypic and Genotyping characterization of Acinetobacter species isolated from Ventilator-Associated Pneumonia(VAP) and Community-Acquired Pneumonia(CAP) in a Tertiary care Center. Mr. Gnana Prakash

Department of Community medicine

56. Social Media as teaching and training tool among medical students Dr Anirudh V. Mutalik, Dr Vaishnavi, Dr Saranya, Dr Seetharaman, Dr Jeevithan
57. Health profile of small-scale power looms workers in Field practice area of RHTC. Dr. S. Jeevithan, Ms Poorani
58. Quality of life among migrants in rural Tamil Nadu: A community based cross sectional study Dr Jeevithan
59. Stress at work and mental health status of Anganwadi workers: An analytical cross sectional study Dr Jeevithan, Dr Mohan Kumar, Dr Seetharaman
60. Modern menstrual methods: Perceptions and practices among college students in Coimbatore Thavansree D, Dr Mohan Kumar, Dr Seetharaman, Dr Sushmitha Mahantshetti
61. Lock down life among IT professionals during COVID pandemic Dr Jeevithan
62. Teaching and learning remotely during COVID 19 Pandemic Dr Jeevithan, Dr. Akshaya
63. Choice of MBBS among medicos. Dr Jeevithan, Dr. Mohan
64. Perspectives of CBME curriculum among Teaching Faculty. Dr Jeevithan, Dr. Mohan
65. Hepatitis and community: a roadmap for 2030. Dr Jeevithan, Dr. Mohan, Dr Anirudh V. Mutalik
66. Role of family in elderly depression and social isolation – a secondary data analysis. Dr Mohan Kumar
67. Monthly healthcare expenditure among elderly from an urban slum in India: An equity analysis. Dr Mohan Kumar
68. A way for shaping an effective mentoring strategy in medical education for undergraduate medical students . Dr Punithakumary P
69. AYUSH in Undergraduate Medical Curriculum and beyond – perceptions of medical students and faculty. Shobanapriya, Dr Punithakumary P, Dr Seetharaman
70. Impact of COVID 19 among rural population. Dr Punithakumary P



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71. NCD study- KMCH Research Foundation, Dr Jeevithan
72. CIMT among rural population-KMCH Research Foundation, Dr Jeevithan
73. Menopause KAP study-Dr Jeevithan
74. A mixed-methods study on perceptions and practices regarding edible oils among women in Coimbatore region - Dr Seetharaman, Dr Jeevithan, Dr. Mohan, Dr. Aparnavi
75. Swachh Bharat Mission Gramin: Uptake and challenges in rural Coimbatore. Iswarya.N, Dr Seetharaman, Dr Kathiravan.R
76. KAP on statins among General Practitioners in Coimbatore District. Dr. Jeevithan, Dr.Aparnavi, Dr. Keerthana
77. Utility of Master health check up. Dr. Jeevithan, Dr.Aparnavi, Dr. Mohan.
78. HPV Vaccination: Perceptions and Practices among Health Sciences students in Coimbatore. Dr. Sanjay, Dr. Mohan, Dr. Deepika Naidu, Dr. Narendran
79. Perspectives of CBME curriculum among Medical students in ANIMS, Portblair. Dr Jeevithan
80. Perspectives of CBME curriculum among Medical Teachers in ANIMS, Portblair. Dr Jeevithan
81. Drug addiction among college students in Coimbatore. Dr Jeevithan
82. Internet addiction among college students in Coimbatore. Dr Jeevithan, Dr. Mohan Kumar
83. Knowledge, attitude and practices regarding dengue and examination of dengue breeding sites in a semi-urban area in Coimbatore. Dr Jeevithan, Dr Sushmitha Mahantshetti, Dr. Srihari
84. Health profile of TNSTC workforce in Coimbatore district. Dr Jeevithan, Dr. Mohan, Health seeking behaviour for Non communicable diseases in Coimbatore district. Dr Jeevithan
85. Social isolation and depression amongst elderly from an Indian urban slum population. Dr Mohan Kumar
86. Maternal experiences during pregnancy, delivery, and breastfeeding practices: A community based analytical cross-sectional study. Dr Jeevithan , Dr Mohan Kumar
87. Psychosocial perception of COVID among affected people. Dr Punithakumary P
88. Pattern of food behaviour among MBBS students. Dr Punithakumary P, Dr. Srihari, Dr. Sushmitha, Ms Anitha
89. Profile of Road Traffic Accidents in Pondicherry. Dr Seetharaman, Dr Jeevithan
90. Norms for small and/or sick newborn care (SSNC) in level-2 facilities in low- and middle-income countries. Dr. Mohan
91. Out of pocket expenditure among critical care insured patients admitted in a tertiary care hospital. Dr Akshaya
92. A Cross sectional study on factors influencing immunisation coverage among children of migrant population in sub urban areas of Kanchipuram district . Dr. Narendran
93. Prevalence of NCD and its risk factors amongst the population residing in the villages under their subcentres in Hassan, a community based cross sectional study. Dr. Priyanka
94. A comparative study on elder abuse and neglect among geriatric population in rural and urban field practice areas of a medical college in Mangaluru. Dr. Priyanka

95. HPV vaccination coverage and its barriers in female college students with no history of sexual debut – a cross sectional study in chengelpet district. Dr. Manju
96. A comparative study on treatment outcome among tuberculosis patients with and without comorbidities in DOT centres covered under Urban Health centres. Dr. Keerthana
97. An epidemiological study on injuries among urban population in Delhi. Dr. Aparnavi
98. Task force study for evaluation of community level acceptability, scalability and linkage within health system of ICMR pre-validated Labike/ Technologies for screening & diagnosis in rural & urban population–An implementation research. Dr. Narendran
99. Prevalence of Pre-hypertension and its associated risk factors among shop keepers in the market place at Suburban areas of Chengalpattu district, Tamilnadu. A cross sectional study. Dr. Narendran
100. A comparative study on Quality of Life between family members of alcoholics to those of non-alcoholics in Suburban areas of Kancheepuram District. Dr. Narendran

Department of ophthalmology

101. A Study on association of microalbuminuria and diabetic retinopathy. Sa.Akshara, Nithya priya
102. Assessment of barriers in seeking eye care among older adults with visual impairment in a tertiary care center in western Tamil Nadu-A cross sectional study. Dr.Vidhya Elango, Dr Nithya Priya C,

Department of Dermatology

103. H syndrome :A rare case report. Dr Sowmy Aithal
104. Stigma associated with visible skin lesions among Dermatology patients in a tertiary care center in India-A cross sectional study. Ms.Madhangi.S.M, Dr Vinupriya

Department of Anesthesiology

105. Comparison of Phenylephrine and Norepinephrine for the management of post spinal hypertension in patients undergoing elective cesarean section: A randomized clinical trial. Dr.Hariharan
106. Comparison of magnesium sulphate with paracetamol in attenuating Hemodynamic stress response during Laryngoscopy and Intubation. Dr.N.Nandha kumar.
107. Comparison of effect of Dexamethasone and Phenylephrine in preventing shivering patients undergoing cesarean section under spinal anesthesia : A randomized control trial. Dr.suvitha selvarajan



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108. Hemostatic and Hemodynamic effect of different concentration of Intramucosal infiltration of adrenaline in endoscopic sinus surgeries - prospective observational study. Dr.Sivasankari.B
109. Assessing the feasibility of a pre anesthetic clinic visit as a window of opportunity to initiate smoking cessation in a teaching hospital in south INdia :A randomized control trial. Dr.Punithavthy
110. Comparative evaluation of intrathecal hyperbaric Bupivacaine alone to intrathecal hyperbaric Bupivacaine with Buprenorphine Vs intrathecal hyperbaric Bupivacaine with Clonidine as adjuvants in lower abdominal surgeries. Dr. Santhya.S
111. Perfusion Index as an indicator for predicting the adequacy of supraclavicular brachial plexus block. Dr.Kesley Elsa Kuriachan
112. Comparative Evaluation of intrathecal hyperbaric Bupivacaine alone to intrathecal hyperbaric Bupivacaine with Buprenorphine Vs intrathecal hyperbaric Bupivacaine with Clonidine as adjuvants in lower abdominal surgeries - Dr Santhya S, Dr Kesley Elsa, Dr Mushahida

Department of ENT

113. Use of steroid soaked gel foam Nasal Packing following endoscopic Nasal surgery -our Initial experience. Dr.Gayathri Baskaran, Dr R Vijay
114. Warm saline versus commercially available Chlorhexidine and Cetrimide solution in anti-fogging during Endoscopic Nasal surgery -A Comparative study. Dr.M.s. Kandasamy K, Dr Vijay

Department of Orthopaedics

115. Usefulness of Preoperative CT scan in assessing lateral wall instability in trochanteric fractures. Dr Sandeep T George et al
116. Navigation outcomes in Trochanteric Fractures : Exploring the impact of distal locking and PFN A2 Nail growth. Dr.Sandeep.T. George

Department of General Medicine

117. A prospective study to assess the prevalence of cognitive impairment among hypothyroid patients. Dr.K. Chinnusamy Moneshaa et al
118. Evaluation of Cardiac status ,Renal and liver parameters in hypertensive patients in a tertiary care hospital. Dr S Usha



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Department of General Surgery

119. Clinico-Radiological score for predicting the difficulty of Laparoscopic Cholecystectomy for acute calculous cholecystitis. Ms.Rashmika Sriram, Dr Noor Mohamed Shawnas Bahnou et al
120. Awareness and Acceptance of 'Breast Conservation & reconstruction' Versus 'Mastectomy' for Breast cancer among Women visiting a medical college hospital. Dr.Mario Victor Newton .L

Department of OBG

121. HPV Vaccination:Perceptions and practices among Health sciences students in Coimbatore.
122. Mr.Sanjay .M, Dr Deepika Naidu et al ICMR STS
123. Knowledge , Attitude and Quality of life and health Care seeking practices among perimenopausal and postmenopausal women regarding post-menopausal symptoms : a multicentric hospital based cross sectional study.ong perimenopausal and postmenopausal women regarding post-menopausal symptoms : a multicentric hospital based cross sectional study. Dr N Prema

Department of emergency medicine:

124. Audit of Antibiotic usage in Emergency Medicine department in a Tertiary Care Hospital in Coimbatore. Ms. Iswarya N

Department of Radiology

125. The radiographic analysis of morphometric parameters of distal radius in Tamil Nadu population -A retrospective observational study
126. Usefulness of CT scan in assessing lateral wall instability in trochantric fracture, Shared with Orthopedics
127. Sonographic optic nerve sheath diameter as an estimate of intracranial pressure in traumatic brain injury & amp; its correlation with Rotterdam CT scoring”