

ESIC Medical College & Hospital, KK Nagar, Chennai

Research publications

ANATOMY

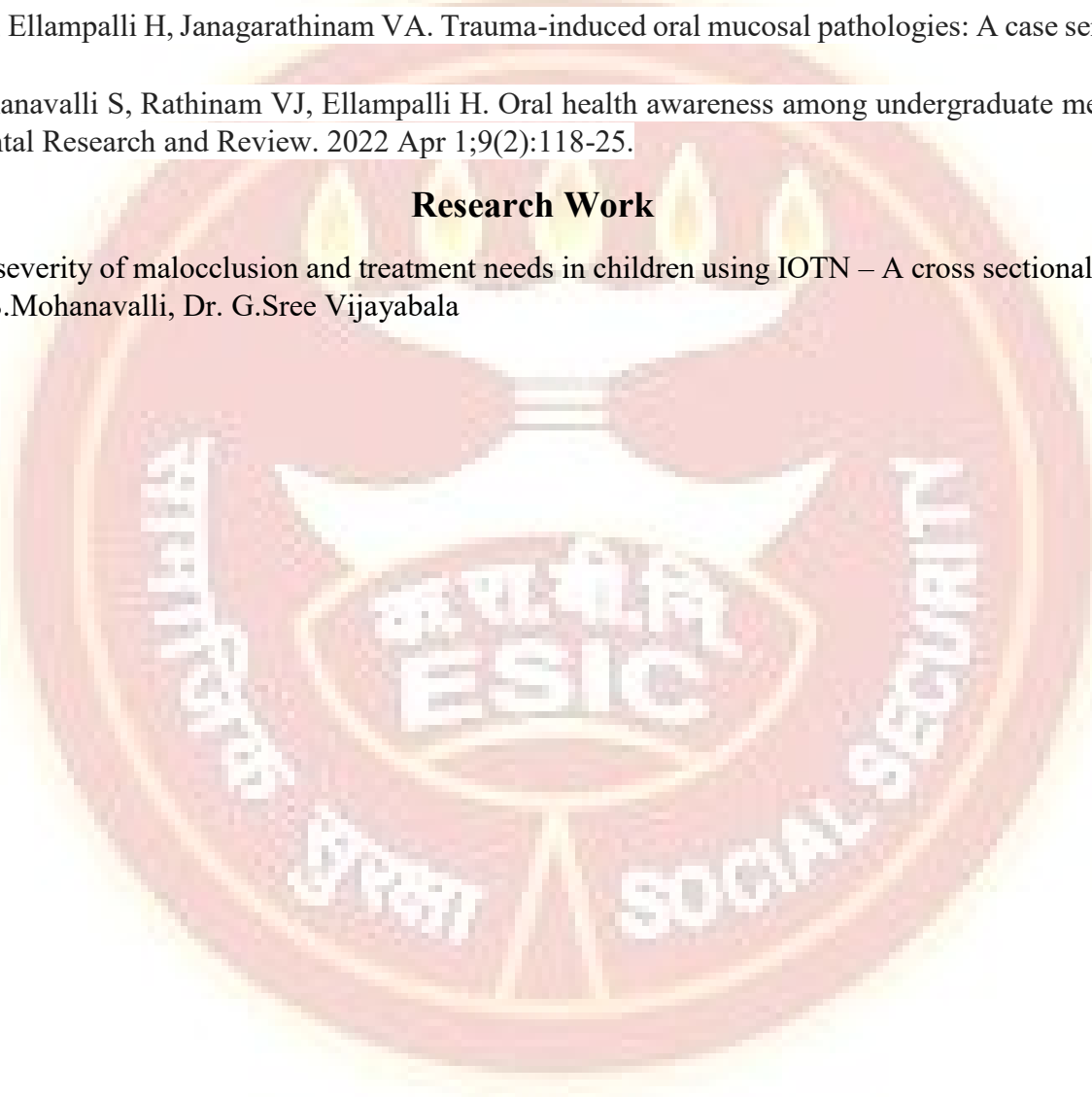
NAME	DESIGNATION	Achievements
Dr. K.V SARALA DEVI MBBS, MS, FHPE.	Professor & HOD	1. Obtained copy right-(IPR) Intellectual property Right 2)" Fish Herringbone model of theory practice gap in health Professions education" Date 30.12.2022 under copyright office of india, New Delhi
		Awarded with gold medal excellent FHPE Intimate health Professions education Sri Balaji Vidyapeeth-Puducherry June 2022
Dr. RAJEEV PANWAR. MBBS, MD, DNB.	Assistant Professor	Joined as Editorial Board member for Journal of Human Anatomy (JHUA) ISSN :2578-5079

DENTISTRY

1. Vijayabala GS, Mohanavalli S, Ellampalli H, Janagarathinam VA. Trauma-induced oral mucosal pathologies: A case series. The Saint's International Dental Journal. 2021 Jul 1;5(2):64-7.
2. Vijayabala GS, Patil AB, Mohanavalli S, Rathinam VJ, Ellampalli H. Oral health awareness among undergraduate medical students and interns: A cross-sectional study. Journal of Dental Research and Review. 2022 Apr 1;9(2):118-25.

Research Work

1. Assessment and evaluation of severity of malocclusion and treatment needs in children using IOTN – A cross sectional study by Dr. Himasagar Ellampalli, Dr. V.A.Janagarathinam, Dr. S.Mohanavalli, Dr. G.Sree Vijayabala



GENERAL SURGERY

Department Name	Faculty Name	Publication (Vancouver Format – author name, title, journal name, year of publication, vol no., issue no., page no.)	Number of citations according to Google Scholar	Whether indexed in Scopus? Yes / No	Whether indexed in Web of Science? Yes / No	Whether indexed in PubMed? Yes / No	Whether indexed in DOAJ? Yes / No	Whether indexed in Indian Citation Index? Yes / No
GENERAL SURGERY	DR BHANUMATI GIRIDHARAN	Deepa Nambi, bhanumati Giridharan.comparison of P-POSSUM and E- POSSUM in defining Prognosis in Acute abdomen cases- international surgery journal,2019 Jul;6(7):2491-2499	NIL	NO	NO	NO	NO	NO
		Deepa Nambi, bhanumati Giridharan Comparison of Ranson’s and Glasgow criteria with revised Atlanta in prediction of mortality in acute pancreatitis patients – international surgery journal ,2019.May;6(5):1629-1636	NIL	NO	NO	NO	NO	NO
		K. Muthuraj, Vasanth M, Bhanumati Giridharan.Regression of mastalgia with ormeloxifene in comparison with Danazol-A randomized control trial, Journal of Medical science &advanced clinical research , Vol-3,Issue-6,Nov-Dec 2020,Page No:84-91	NIL	NO	NO	YES	NO	NO
		N. Murugesan. Bilateral breast cancer-original research article, International journal of scientific research,Oct2020, volume -9	NIL	NO	NO	YES	NO	NO

DR PANKAJ SURANA	Byomokesh Patro, Pankaj surana, Kailash Chandra mahapatra.A study of the efficacy of external fixation in healing large, deep and unstable diabetic foot wounds.- original research article.International surgery journal.2019 Mar-6(3):669-674	3	NO	NO	NO	NO	NO
	Pankaj surana, Byomokesh Patro, P.N Shanmugasundaram, Uday S Kumbhar. A study on predictive factors for amputation in diabetic patients with acute foot ulcers. SAS journal of surgery.2018.vol-4.issue-10.2	0	NO	NO	NO	NO	NO
DR VISWANATHAN	Arunraj, Viswanathan, anbazhagan. A , kulwant singh. prospective interventional study of post-operative pain, healing rates nad incontinence rates following ligation of intersphincteric fistula tract procedure. International journal of surgery,December 2018,vol5, issue-12,page 3976	1	YES	YES	YES	NO	NO
	M.S Viswanathan, S Lakshmanan, R anbazhagan. Tarsal tunnel decompression: an effective method for prevention of foot complications in diabetic patients with compressive neuropathy at tarsal tunnel.International journal of surgery.2018, Vol5, issue 11, page 3627	NIL	YES	YES	YES	NO	NO

	S Lakshmanan, M.S Viswanathan, R anbazhagan. A study of effect of tarsal tunnel decompression on sensory improvement in diabetic foot: a prospective randomized control trial. International journal of surgery.2018 october,vol-5, issue -11, page3627	NIL	YES	YES	YES	NO	NO
DR POORNIMA	Chandrasekar, Pitchai balashanmugam, tamilselvan& Poornima. Treatment protocol for male blunt urethral trauma in emergencies in india- our experience International journal of current research, Feb2019, vol11, issue-02, pages1655-1660	NIL	NO	NO	NO	NO	NO
DR BYOMOKESH PATRO	Byomokesh Patro, Pankaj surana, Kailash Chandra mahapatra. A study of the efficacy of external fixation in healing large, deep and unstable diabetic foot wounds.- original research article. International surgery journal. 2019 Mar-6(3):669-674	3	NO	NO	NO	NO	NO
	Pankaj surana, Byomokesh Patro, P.N Shanmugasundaram, Uday S Kumbhar. A study on predictive factors for amputation in diabetic patients with acute foot ulcers. SAS journal of surgery. 2018 vol-4. issue-10.2	0	NO	NO	NO	NO	NO

GENERAL MEDICINE

Department Name	Faculty Name/ Authors	TITLE	JOURNAL	YEAR
GENERAL MEDICINE	DR VIJAYAPRAKASH M, DR KV BALIGA, DR Donthireddy Rambrahma Reddy	Meenashi Sundaram D, Madesh V, Rambrahma Reddy D, (March 20, 2023) Multiple Dyselectrolytemia in a Chronic Alcohol Abuser: A Case Report. Cureus 15(3): e36389. doi:10.7759/cureus.36389	CUREUS	MARCH 2023
GENERAL MEDICINE	DR. VIJAYARAGHAVAN PADMANABHAN DR. VIJAYARAGHAVAN PADMANABHAN DR. VIJAYARAGHAVAN PADMANABHAN	1.Halting dehumanization in medicine. Int J Acad Med 2.A common platform for all systems of medicine. 3.Clarity as against certainty in Medicine.	International Journal of Academic Medicine. SCIREA Journal of Clinical Medicine. International Journal of Development research.	March 2023 June 2023 May 2023
GENERAL MEDICINE	DR.JISA GEORGE, DR AR MALATHY	1.Efficacy of Quantitative troponin i in predicting cardiovascular outcome in ST segment elevation myocardial infarction / non-ST segment elevation myocardial infarction STEMI / NSTEMI patients - a retrospective study from a centre	Journal of Evidence based medicine and Healthcare.	April 2021

	<p>DR JISA GEORGE</p>	<p>in South India. J Evid Based Med Healthc 2021;8(14):877-881. DOI: 10.18410/jebmh/2021/171</p> <p>2.George, J. (2022). A prospective study of aetiology and outcome of acute kidney injury in type 2 diabetes patients. International Journal of Health Sciences, 6(S3), 7884–7888. https://doi.org/10.53730/ijhs.v6nS3.7986</p> <p>3.George J.A COMPARATIVE STUDY OF FASTING AND POSTPRANDIAL LIPID PROFILE AMONG PATIENTS WITH AND WITHOUT DIABETES MELLITUS IN A TERTIARY CARE HOSPITAL .</p> <p>4.George J, Rajarathinam B, Kulasekaran R, Kurhekar P. An</p>	<p>International Journal of Health Sciences</p> <p>Journal of Cardiovascular Disease Research</p>	<p>MAY 2022</p> <p>DECEMBER 2022</p>
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	<p>DR JISA GEORGE</p> <p>DR JISA GEORGE et al</p>	<p>unusual presentation of Goodpasture syndrome. Saudi J Anaesth. 2023 Apr-Jun;17(2):266-268. doi: 10.4103/sja.sja_566_22. Epub 2023 Mar 10. PMID: 37260667; PMCID: PMC10228867.</p>	<p>Saudi Journal Of Anaesthesia</p>	<p>April 2023</p>
	<p>DR ABARNA DEVI SANMARKAN, DR SAMUTHIRAVEL S, DR JAGADEESAN P, DR RAM PRASAD, DR KAMIL UMMER</p> <p>DR ABARNA DEVI SANMARKAN, DR SAMUTHIRAVEL S, DR JAGADEESAN P, DR RAM PRASAD,</p>	<p>Cardiac function through echocardiogram in recently diagnosed Type 2 Diabetes Mellitus.</p> <p>Incidence of Bacteriobilia in patients with biliary obstruction in Tertiary care centre.</p>	<p>International Journal of Advanced Research</p> <p>National Journal of Physiology, Pharmacy and Pharmacology</p>	<p>July 2023</p> <p>July 2023</p>

<p>GENERAL MEDICINE</p>	<p>DR.VIJAYAPRAKAS H et al</p>	<p>1.Govindarajan R et al.Rodenticide ingestion is an important cause of acute hepatotoxicity in Tamil Nadu, southern India. Indian J Gastroenterol. 2021 Jun 30.</p>	<p>Indian Journal of Gastroenterology.</p>	<p>June 2021</p>
	<p>DR S KATHIRAVAN et al.</p>	<p>1.Kathiravan S, Ananthi B, Deepa S, Krishnaswamy B. Neutralizing antibody response to COVID vaccination among the young and the elderly. J Indian Acad Geriatr [serial online] 2022.18:103-7. Available from: http://www.jiag.com/text.asp?2022/18/3/103/359378</p> <p>2. Kathiravan S, Prabha K, Krishnaswamy B. Analysis of Arterial Blood Gas (ABG) Profile in Patients with Acute Heart Failure in Tertiary Care Centre at ACS Medical College. J Evid Based Med Healthc 2023;10(1):1-4.</p>	<p>Journal of Indian Academy of Geriatrics</p> <p>Journal Of Evidence Based Medicine and Healthcare</p>	<p>Oct 2022</p> <p>March 2023</p> <p>March 2023</p>

	DR S THENMOZHI et al.	Analytical study of angiographic profile of acute coronary syndrome and its risk factors among young individuals (≤ 45 years).	HEART INDIA	DECEMBER 2022
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ONGOING RESEARCH PROJECTS

NAME OF THE RESEARCHER	TOPIC
1. Dr. K. V. Baliga / Dr. Ram Prasad N	A study on risk factors, clinical profile and outcome of patients with acute kidney injury admitted in intensive care unit of a tertiary care hospital
2. Dr. P. Vijayaraghavan / Dr. Rambrahma reddy	A study on Vitamin D3 level association with outcomes of sepsis cases admitted in ICU
3. Dr. P. Vijayaraghavan / Dr. Soundarya R	Association between serum ferritin levels and the severity of outcome of acute cerebrovascular accidents

NAME OF THE RESEARCHER	TOPIC
4. Dr. K. V. Baliga / Dr. Kamil Ummer K	A hospital based cross sectional study on the prevalence of hyperuricemia in type 2 diabetic patients and its association with diabetic kidney disease.
5. Dr. Vijaya Prakash	A clinical profile of critically ill patients with acute kidney injury receiving acute peritoneal dialysis: A single centre study from Southern India
6. Dr. Vijaya Prakash	Prevalence of obesity, diabetes mellitus, hypertension, dyslipidemia and metabolic syndrome in adults aged 18 to 30 years in a tertiary care hospital in Southern India
7. Dr. S. Abarna Devi/ Florance P Thomson	A study of upper gastrointestinal scopy findings in anaemia
8. Dr. S. Abarna Devi/ P V Dhiraj	6 minute vs 8 minute walking test in stable pulmonary conditions
9. DR JISA GEORGE/ DR BHAVANA	ASSESSMENT OF QUALITY OF LIFE AMONG PATIENTS WITH RHEUMATIC DISEASES ATTENDING A TERTIARY CARE CENTRE

NAME OF THE RESEARCHER	TOPIC
10. DR JISA GEORGE	The clinical and etiological profile of patients with febrile thrombocytopenia and the association of platelet indices with severity and treatment outcome in a tertiary care hospital
11. DR. JISA GEORGE/ VISHNUMAYA	The analysis of post covid sequelae among recovered hospitalised and non-hospitalised patients of covid 19 - a single centre observation study.



MICROBIOLOGY

	Research Works /Grants			
1	Clinico-Microbiological profile of Salmonella infections isolated in a tertiary care hospital.	ICMR/STS 2022	Dr.CM	(IEC/2022/1/15)
2	Role of procalcitonin in diagnostic stewardship of lower respiratory tract infections and sepsis	2022	Dr.MPS	(IEC/2022)
3	"Characterisation of Carbapenem resistant Klebsiella species by Phenotypic and Genotypic methods from clinical samples in a Tertiary Care Hospital"	2022	Dr.MPS	(IEC/2023)
4	Clinico-Microbiological profile of Device Associated Infections (DAI) in Medical and Surgical Intensive Care Units in a tertiary care hospital in Chennai.	2022	Dr.Anandhi.L	(IEC/2023)
5	Prevalence of Metallo Beta-Lactamase in Non - Fermentative gram negative bacilli clinical isolates by phenotypic methods in a tertiary care Hospital-	2022	Dr.Anandhi.L	(IEC/2023)
6	"Prevalence of Amp C β lactamases in Gram negative clinical isolates by Phenotypic methods in a tertiary care hospital"	2022	Dr.SRS	(IEC/2023)
7	'Bacteriological profile and antimicrobial susceptibility pattern of isolates from blood cultures in a tertiary care setting'	2022	Dr.Anandhi.L	(IEC/2023)

8	Susceptibility Pattern of Fosfomycin and its effect on Biofilm producing Multi Drug Resistant Escherichia Coli from Urine Samples	2023	DR.A.V.Kavita	(IEC/2023)
9	Clinical and bacteriological profiling of blood stream infections in haemodialysis patients in a tertiary care hospital in South India – A cross sectional study	2023	Dr.Monika	(IEC/2023)
10	Evaluation of Minocycline and ampicillin sulbactam synergy against Carbapenem Resistant Acinetobacter baumannii in a tertiary care hospital in South India	2023	Dr.Benedict Vinothini	(IEC/2023)
11	Diagnostic accuracy of synergy testing of Aztreonam and Ceftazidime Avibactam by disc stacking method with Estrip stacking as the gold standard in multidrug resistant enterobacterales	2023	Dr.Kayalvili	(IEC/2023)
12	‘Pattern of Presumptive Extrapulmonary Tuberculosis in a tertiary care hospital in South India; A 5-year Ambispective study’	2023	Dr.Anandhi.L	(IEC/2023)
13	Diagnostic accuracy of an inhouse multiplex Real time PCR for detection of HSV-1,HSV-2 and VZV compared to commercially approved kits as gold standard in cerebrospinal fluid of patients presenting with meningoencephalitis	2023	Dr.Vigna Seshan	(IEC/2023)

PAEDIATRICS

DEPARTMENTAL ACTIVITIES – PAEDIATRICS 2022-2023

RESEARCH PUBLICATIONS :

1	Challenges for primary caregivers during the COVID-19 pandemic in accessing Health care of children with Chronic diseases under periodic follow up at a tertiary care hospital in South India	Acta Medica International	Ramya Rajamanickam, Rajesh Jayanandan, Aparna Jayaraman, Shobhana Sivathanu	Year : 2022 Volume: 9 Issue Number: 2 Page: 108-114	DOI: 10.4103/amt.amit_55_22
2	Effectiveness of Lactobacillus rhmnosus GG as an adjunct in the treatment of Enteric fever in children: A double blinded randomized controlled trial in Southern India	Acta Medica International	Ramya Rajamanickam, Aparna Jayaraman, Shobhana Sivathanu	Year : 2023 Volume : 10 Issue : 1 Page : 52-58	DOI: 10.4103/amt.amit_13_23

DEPARTMENT OF PATHOLOGY

I. RESEARCH WORK, RESEARCH GRANTS AND RESEARCH PUBLICATIONS DURING THE LAST ONE YEAR MARCH 2022-MARCH 2023

1. Kumar SS, Kathiah R, Meenakshisundaram K. Near peer teaching in Pathology practical training – An experimental pilot study. Journal of Clinical & Diagnostic Research.2022 Mar 1;16(3).
2. M Ranjani, Sathish Selvakumar S, Dinesh Kumar, Maya Menon, K Meenakshisundaram. Role of frozen sections in diagnosing female genital tract lesions: A tertiary centre study in Chennai, India. National Journal of laboratory medicine. 2023 Apr-June12(2):P005-P010
3. Ranjani Mohan, Priavadhana Rajan Prasaad, Meenakshisundaram Kumaresan: Gallbladder Carcinoma Masquerading as calculous cholecystitis: A rare case report. National Journal of laboratory medicine 2023 Jan, Vol- 12(1):PC04-PC06
4. Vennila Krishna Kumar, Rajeswari.K, Meenakshisundaram.K - P16 expression in cervical malignant and premalignant lesions in tertiary care hospital in South India
5. Application of proposed Sydney system of classification in lymph node cytology and assessment of risk of malignancy at tertiary hospital in South India – Dr. Sathish Selvakumar, Dr.S.Shanmuga Priya, Dr.Meenakshisundaram.K
6. Correlation of histopathology and radiological findings among the diverse breast lesions in a tertiary care centre – Dr. Sathish Selvakumar, Dr.M.Ranjani, Dr. Sarika, Dr.Meenakshisundaram.K
7. A cross sectional study on the knowledge and awareness about fertility preservation among cancer patients in a tertiary care hospital– Dr. Sathish Selvakumar, Dr.Meenakshisundaram.K
8. Impact of social media on academic performance – Student’s perspective – Dr.Arathi.K, Dr.Meenakshisundaram.K, Dr.S.Shanmuga Priya, Dr.R.Priavadhana
9. Utilization of blood products in a tertiary care centre – a retrospective study – Dr. G.Anushya, Dr.S.Shanmuga Priya, Dr.Meenakshisundaram.K, Dr.Sivaramakrishnan A, Dr.Shaheen Ashraf

10. Tumor budding as an independent prognostic markers in colorectal cancer – a correlation study - Dr.R.Priavadhana, Dr.T.Rajeswari, Dr.Meenakshisundaram.K, Dr.S.Shanmuga Priya
11. Knowledge and attitude of palliative care in cancer patients among health care providers in tertiary care teaching hospital- Hemamalini, Dr. G.Anushya, Dr.S.Shanmuga Priya, Dr.Meenakshisundaram.K
12. 8.Vennila Krishna Kumar, Rajeswari.K, Meenakshisundaram.K - P16 expression in cervical malignant and premalignant lesions in tertiary care hospital in South India
13. 9.Attitude of medical students towards class absenteeism in Medical college – Aiswariyam R M, Dr.S.Shanmuga Priya, Dr.Meenakshisundaram.K
14. 10.To assess the Clinico-pathological differences between p16 negative oral and oropharyngeal squamous cell carcinomas – Dr. Anina Garcia.R., Dr. Sathish Selvakumar, Dr.Meenakshisundaram.K
15. 11.Prevalence of microsatellite instability in colorectal carcinoma in a tertiary health care centre – Dr.Usharani, Dr.R.Priavadhana, Dr.Meenakshisundaram.K
16. 12.Application of Magee equations in ER positive breast cancer – Dr. P.Gayathri, Dr.Dinesh kumar, Dr.S.Shanmuga Priya
17. Histopathological and molecular profiling of surface epithelial ovarian tumors – Dr.M.Hemavathi, Dr.R.Priavadhana, Dr.Meenakshisundaram.K

PSYCHIATRY

DERPARTMENT OF PSYCHIATRY

Research Publications by the Staff members

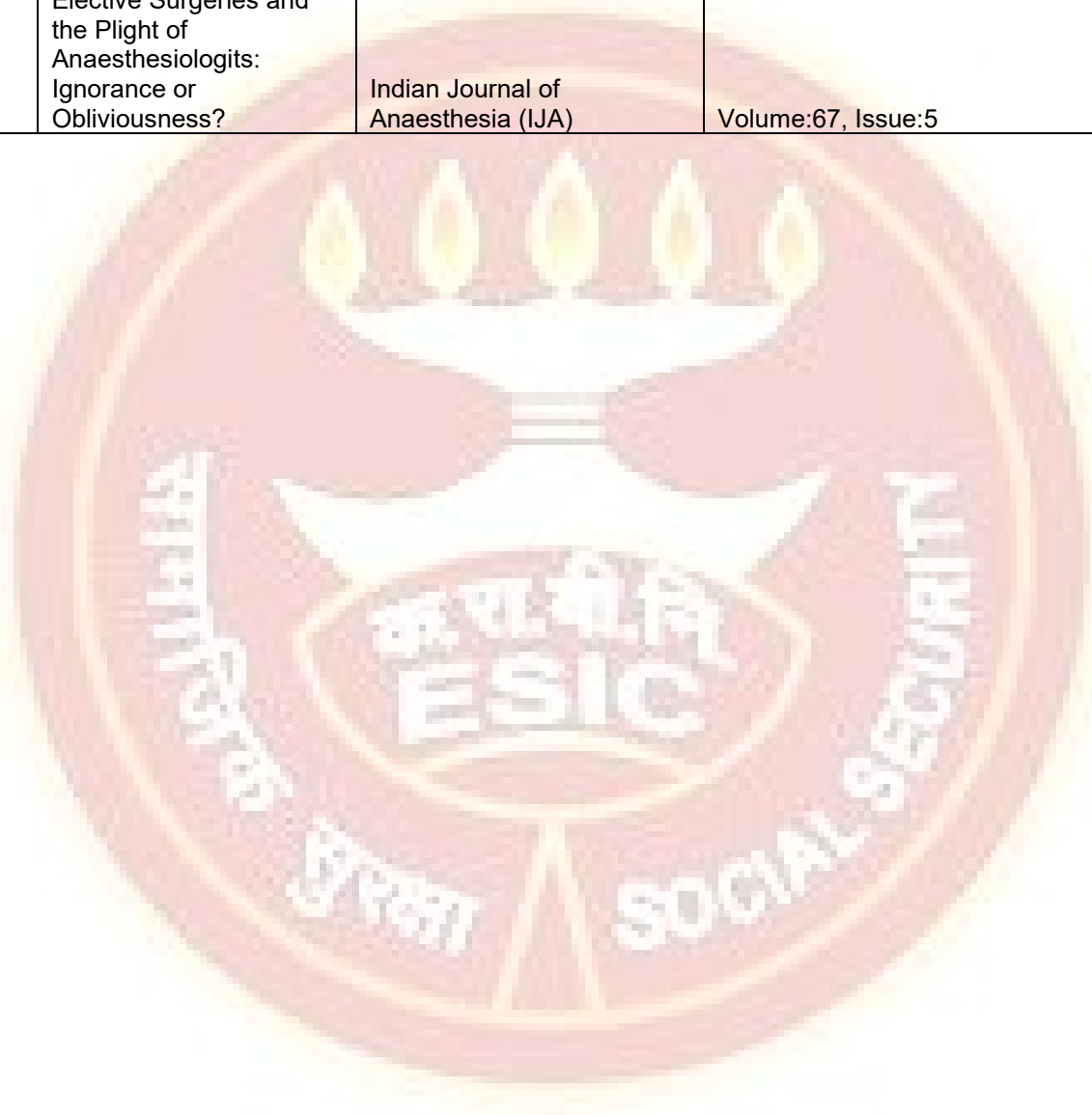
S.No.	Name of the faculty	Title of the paper / book chapter	Name of the Journal / Book	Journal (Volume no. / Issue no.) / Book (Publisher Details)	Month and Year,PP	ISBN / ISSN
1	Dr.K.Monicka	Study of Post-traumatic stress disorder symptoms in COVID-19 affected patients	Ongoing Research	Ongoing Research	Jun-23	
2	Dr.V.Murugavel	Retrospective study of relationship between sunshine hours and suicidal rates in a tertiary care hospital	Ongoing Research	Ongoing Research	Aug-22	
3	Dr.Farsana Banu	-	-	-	-	-

ANAESTHESIOLOGY

S.No.	Name of the staff	Title of the paper / book chapter	Name of the Journal / Book	Journal (Volume no. / Issue no.) / Book (Publisher Details)	Month and Year,PP	ISBN / ISSN
1	Dr.ILANGO GANESAN	Poor Oral Hygiene in Elective Surgeries and the Plight of Anaesthesiologists: Ignorance or Obliviousness?	Indian Journal of Anaesthesia (IJA)	Volume:67, Issue:5	May-23	
2	DR. ASWINI L	EFFECT OF PREOPERATIVE ANXIETY ON POSTOPERATIVE PAIN IN PATIENTS UNDERGOING ELECTIVE LOWER-SEGMENT CESAREAN SECTION UNDER SPINAL ANAESTHESIA : A CROSS SECTIONAL STUDY INSOUTH INDIA	JCurrResSciMed	2022:8:116-23	Sep-22	
3	DR SUBHA D	COMPARISON OF HEMODYNAMIC AND VENTILATORY VARIABLES BETWEEN PROSEAL LMA AND ENDOTRACHEAL TUBE IN PRESSURE CONTROLLED VENTILATION FOR LAPAROSCOPIC SURGERIES	EUROPEAN JOURNAL OF MOLECULAR AND CLINICAL MEDICINE	VOLUME 09, ISSUE 07,2022	Jul-22	2515-8260
4	Dr.Sathya Narayanan.K	Poor Oral Hygiene in Elective Surgeries and the Plight of Anaesthesiologists:	Indian Journal of Anaesthesia (IJA)	Volume:67, Issue:5	May-23	

		Ignorance or Obliviousness?				
5	Dr.Sathya Narayanan.K	Lockdown Innovation-SAMBU-Through the wild eyes and by the disciplined mind of an anesthesia resident	Indian Journal of Anaesthesia (IJA)	Volume:66, Issue:11	Nov-22	
6	Dr.Sathya Narayanan.K	Covid Innovations in Airway Management the Thalaiva Techniques	International Journal of Science and Research(IJSR)	Volume:12, Issue:1	Jan-23	
7	Dr.Sathya Narayanan.K	Airtraq as an alternative device for airway management for emergency cesarean section in a parturient with kyphoscoliosis and short stature: a case report	Journal of Obsetric and Critical Care (JOACC)	Volume:8, Issue:1	Dec-22	
8	Dr.Sathya Narayanan.K	Tracheal Laceration due to a dog bite in a 5 year old girl: The chronicles of a complex case managed successfully	Journal of Anaesthesia and Critical care case reports (JACCR)	Volume:8, Issue:3	Jan-23	
9	Dr.Sathya Narayanan.K	Anaesthetic implications in a case of super obesity with multiple co morbidities: A conundrum of challenges	Indian Journal of Clinical Anaesthesia (IJCA)	Volume:10, Issue:1	Mar-23	
10	Dr Praveen R	Poor Oral Hygiene in Elective Surgeries and the Plight of Anaesthesiologists: Ignorance or Obliviousness?	Indian Journal of Anaesthesia (IJA)	Volume:67, Issue:5	May-23	

11	Dr Premkumar D	Poor Oral Hygiene in Elective Surgeries and the Plight of Anaesthesiologists: Ignorance or Obliviousness?	Indian Journal of Anaesthesia (IJA)	Volume:67, Issue:5	May-23	
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COMMUNITY MEDICINE

S.No.	Name of the staff	Title of the paper / book chapter	Name of the Journal / Book	Journal (Volume no. / Issue no.) / Book (Publisher Details)	Month and Year,PP	ISBN / ISSN
1	Yuvaraj K, Kuberan D	Impact of health insurance coverage on health care utilization during COVID-19 pandemic: a propensity score matched survey analysis in a target region in India.	Int J Health Plann Mgmt		2023	
2	Yuvaraj K, Dhanajayan G	Evaluation of National Patient Safety Implementation Framework in Selected Public Healthcare Facilities of Tamil Nadu: An Operational Research.	Journal of Patient Safety		2023	
3	Yuvaraj K	Development of prognostic scoring system for predicting 1-year mortality among pulmonary tuberculosis patients in South India	Journal of Public Health		2022	
4	Yuvaraj K	Effectiveness of multiple combined lifestyle interventions in reducing blood pressure among patients with prehypertension and hypertension: a network meta-analysis	Journal of Public Health		2022	
5	Yuvaraj K, Sathish Rajaa	Patient and provider's perspective on barriers and facilitators for medication adherence among adult patients with cardiovascular diseases and diabetes mellitus in India: a qualitative evidence synthesis	BMJ Open		2022	

6	Yuvaraj K, Sathish Rajaa	Spatial Pattern and Determinants of Diabetes Mellitus in Indian Population: a Secondary Data Analysis from Nationally Representative Surveys	Diabetes Therapy		2022	
7	Yuvaraj K, Sathish Rajaa	Prevalence of hypertension and determinants of treatment- seeking behaviour among adolescents and young adults in India: an analysis of NFHS-4	Journal of Public Health		2022	
8	Yuvaraj K, Sathish Rajaa	Association Between Anthropometric Risk Factors and Metabolic Syndrome Among Adults in India: A Systematic Review and Meta-Analysis of Observational Studies	Preventing Chronic Disease		2022	
9	Yuvaraj K, Sathish Rajaa	Association between indoor air pollution and cognitive function among nationally representative sample of middle-aged and older adults in India-A multilevel modelling approach	Indoor Air		2022	
10	Yuvaraj K	Development and Validation of Questionnaire Assessing the Perception of Hospital Patient Safety Practices in Public Health Facilities of India.	International Journal for Quality in Health Care		2022	
11	Yuvaraj K, Anuradha R, Sathish Rajaa	Biomedical Waste Disposal Practices Among Healthcare Workers during COVID-19 Pandemic in Secondary and Tertiary Care Facilities of Tamil Nadu	Indian Journal of Medical Microbiology		2022	
12	Yuvaraj K, Sathish Rajaa	Psychometric properties of the Household Food Insecurity Assess Scale among households with tuberculosis patients in South India	Progress in Nutrition		2022	
13	Yuvaraj K	Development and Validation of Scale Assessing the Knowledge about Breast Feeding Benefits and Practices among Antenatal and Postnatal Mothers in South India	Journal of Clinical Translational Research		2022	

14	Yuvaraj K	Development and Validation of Scale Assessing the Preparedness of Objective Structured Clinical Examination in Undergraduate Competency based Medical Education.	Indian Journal of Community Medicine		2022	
15	Yuvaraj K, Arivarasan B	Effect of treatment adherence on the association between sex and unfavourable treatment outcomes among tuberculosis patients in Puducherry, India: a mediation analysis	Journal of Public Health		2022	
16	Yuvaraj K	Effect of COVID-19 driven lockdown on social contact pattern in Puducherry, India: A longitudinal study.	Journal of Postgraduate Medicine		2022	
17	Yuvaraj K	Development and validation of prognostic scoring system for COVID-19 severity in South India	Iranian Journal of Medical Sciences		2022	
18	Yuvaraj K	Prevalence of Post-traumatic Stress Disorder Among Survivors of Severe COVID-19 Infections: A Systematic Review and Meta-Analysis.	Journal of Affective Disorders		2022	
19	Yuvaraj K, Sathish Rajaa	COVID-19 Severity and Mortality Among Chronic Liver Disease Patients: A Systematic Review and Meta- Analysis	Prevention of Chronic Disease		2022	
20	Sathish Rajaa, Yuvaraj K	Psychometric properties of the Tamil version of Perceived Stress Scale among diabetes mellitus patients in Puducherry, South India	Journal of Family Medicine and Primary Care		2022	
21	Yuvaraj K	Factors associated with the knowledge about breastfeeding among antenatal and postnatal women in selected rural villages of Chengalpattu, Tamil Nadu: A community-based cross-sectional study.	Journal of Education and Health Promotion		2022	

22	Yuvaraj K, Vijayaprasad G	Access–Watch ratio based on access, watch, and reserve classification of antibiotics in public health facilities of Tamil Nadu.	Indian Journal of Public Health		2022	
23	Yuvaraj K	Prevalence of depressive, anxiety, and insomnia symptoms among adult liver transplant recipients: A systematic review and meta-analysis.	General Hospital Psychiatry		2022	
24	Yuvaraj K	Developing Counter Strategy for Information Warfare in Health Sector–Sifting ‘Real’ from ‘Fake’ News.	International Journal of Medicine and Public Health		2022	
25	Yuvaraj K	Underweight is an important predictor for functional impairment among the older adults in Urban West Bengal, India: A cross sectional analytical study.	Journal of Family Medicine and Primary Care		2022	
26	Yuvaraj K	Assessment of Oral Anticancer Medication Adherence: A Survey from a Tertiary Cancer Center.	South Asian Journal of Cancer		2022	
27	Sathish Rajaa	Factors influencing the sustainability of a community health volunteer programme—A scoping review	Indian Journal of Medical Ethics		2022	
28	Yuvaraj K, Dhanajayan G, Sathish Rajaa	Evaluation of National Patient Safety Implementation Framework in Selected Public Healthcare Facilities of Tamil Nadu – An Operational Research	Journal of Patient Safety		2023	
29	Yuvaraj K, Venmathi E	Institutional Disrespect and Abuse during Healthcare Utilization in Public Health Facilities of Tamil Nadu – A Facility based Cross- Sectional Survey	Indian Journal of Public Health		2023	

30	Sathish Rajaa	Contribution of community health care volunteers in facilitating mobilization for diabetes and hypertension screening among the general population residing in urban puducherry–An operational research study	Journal of Family Medicine and Primary Care	2022	
31	Sathish Rajaa	Metabolic Syndrome in Post-Pulmonary Tuberculosis-Associated Obstructive Airway Disease: A Cross-Sectional Analytical Study.	Cureus	2022	
32	Sathish Rajaa	The Influence of Femoral Morphometric Risk Factors on ACL Injury, a Retrospective Case-Control Study–An Indian Perspective.	IOSR J Dental Medical Science	2022	
33	Vijayaprasad G	Reducing the ethical burdens of antimicrobial stewardship using a social determinants approach.	Asian Bioethics Review	2022	
34	Vijayaprasad G	Documenting the Indian Response to COVID 19: too little, too soon.	Indian Journal of Medical Ethics	2022	
35	Vijayaprasad G	Self Portrait of a Rural Surgeon	Indian Journal of Medical Ethics	2022	
36	Vijayaprasad G	"Medicines is all that I can sometimes offer them": challenges of providing primary diabetes care to persons with disabilities in Tamil Nadu.	BMC Health Services Research	2022	
37	Vijayaprasad G	Prevalence of type 2 diabetes among persons with disabilities in the south-east asian region: A systematic review and meta-analysis.	Current Medical Issues	2022	
38	Vijayaprasad G	Knowledge, attitudes and utilization of food labels among undergraduate medical students in a medical college in Chennai – A cross sectional survey.	Indian Journal of Community and Family Medicine	2022	

39	Vijayaprasad G	Exploring ethics in the implementation of the Community Health Worker programmes in India.	Indian Journal of Medical Ethics		2022	
40	Vijayaprasad G	Privacy Considerations of Community Health Workers	Private and Controversial. When Public Health and Privacy meet in India.	Harper Collins	2023	
41	Arivarasan B	Infralingular Versus Supralingular Medial Osteotomy in Sagittal Split Osteotomy of the Mandible: A Randomised Control Study.	Journal of Oral and Maxillofacial Surgery		2022	
42	Anuradha R	Incidence of retinal hemorrhages in full-term newborn babies in a tertiary care hospital in India	TNOA Journal of Ophthalmic Sciences and Research		2022	
43	Anuradha R, Aruna B Patil	Sleep Quality and Daytime Sleepiness among Medical Undergraduate Students in Tamil Nadu: A Cross-sectional Study.	Journal of Clinical and Diagnostic Research		2022	
44	Anuradha R, Aruna B Patil	Unique Reciprocal Association Seen Between Latent Tuberculosis Infection and Diabetes Is Due to Immunoendocrine Modulation (DM-LTB-1).	Frontiers in Microbiology		2022	
45	Aruna B Patil	Oral health awareness among undergraduate medical students and Interns: A cross-sectional study	J Dent Res Rev 2022;9:118-25.		2022	
46	Aruna B Patil	The attitude of undergraduate medical students toward medical research(accepted)	The National Medical Journal of India, 2022		2022	
47	Aruna B Patil	Unique Reciprocal Association Seen Between Latent Tuberculosis Infection and Diabetes Is Due to Immunoendocrine Modulation (DM-LTB-1).	Front. Microbiol. 13:884374. doi:10.3389/fmicb.2022.884374.		2022	

48	Aruna B Patil	Study of the Risk Factors for Cesarean Delivery among Pregnant Women Requiring Induction of Labor in a Tertiary Care Institute	J South Asian Feder Obst Gynae 2022;14(2):122–127.		2022	
49	Aruna B Patil	Study of the Risk Factors for Cesarean Delivery among Pregnant Women Requiring Induction of Labor in a Tertiary Care Institute	Journal of South Asian Federation of Obstetrics and Gynecology		2022	
50	Aruna B Patil	IL-6, a Therapeutic Target and Omega-3 PUFA, a Host Modulator in Chronic Periodontitis.	Biomedical and Pharmacological Journal		2022	
51	Venmathi E	What Persuades College Students to Take That First Sip?-A Study on The Influence of Society and Media on Attitude Towards Alcohol Consumption.	National Journal of Community Medicine		2022	
52	Vignesh D	Serum progesterone on the day of human chorionic gonadotropin (hCG) trigger as a predictor of in-vitro fertilization (IVF) outcome-a retrospective analysis of seven years.	JBRA Assisted Reproduction		2022	
53	Vignesh D	Association of serum prolactin with Type 2 diabetes mellitus: A comparative cross-sectional study from South India.	Cureus		2022	
54	Venmathi E	Perspective approach to Nutritional anemia among Medical students using Health Belief Model: A cross sectional study in Tamil Nadu	Indian Journal of Public Health Research and Development		2022	

55	Suthanthira Kannan	Perceptions on COVID-19 Vaccination among People Aged more than 50 years in Urban Field Practice Area of Department of Community Medicine in a Tertiary Care Teaching Hospital, Hyderabad: A Reflection from Focus Group Discussions.	Indian Journal of Public Health	2022	
56	Suthanthira Kannan	Adolescent COVID-19 vaccination: Need of the hour.	Journal of Family Medicine and Primary Care	2022	



DERMATOLOGY

S.No.	Name of the faculty	Title of the paper / book chapter	Name of the Journal / Book	Journal (Volume no. / Issue no.) / Book (Publisher Details)	Month and Year,PP	ISBN / ISSN
1	Dr.R.Sathya Narayanan	CUTANEOUS MANIFESTATIONS OF DIABETES MELLITUS OBSERVED IN URBAN HEALTH CARE	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH	VOLUME-11 ISSUE-07	Jul-22	ISSN NO: 2277-8179
2	Dr.R.Sathya Narayanan	MULTIPLE ECCRINE HIDROCYSTOMSA OF SCALP	JK SCIENCE: JOURNAL OF MEDICAL EDUCATION & RESEARCH	VOLUME.25 ISSUE- 03	JULY- SEPT 2023	pISSN NO: 0972-1177
3	Dr.R.Sathya Narayanan	DISSECTING CELLULITIS NOF SCALP - A RARITY IN FEMALE PATIENTS	JK SCIENCE: JOURNAL OF MEDICAL EDUCATION & RESEARCH	VOLUME. 25 ISSUE - 01	JAN- MARCH 2023	pISSN NO: 0972-1177
4	Dr.R.Sathya Narayanan	EPIDERMAL CYSTS MASQUERADING AS STEATOCYSTOMA MULTIPLEX IN THE VULVA - A RARE CASE REPORT	JK SCIENCE: JOURNAL OF MEDICAL EDUCATION & RESEARCH	VOLUME. 25 ISSUE - 02	APRIL- JUNE 2023	pISSN NO: 0972-1177

5	Dr.R. Rajalakshmi	A COMPARATIVE STUDY ON THE EFFECT OF COMBINATION OF PARING AND IMMUNOTHERAPY WITH PPD AND IMMUNOTHERAPY WITH PPD FOR TREATMENT OF PALMOPLANTAR WARTS	ONGOING	ONGOING	ONGOING-2023	IEC/2023/2/33
6	Dr. Manasa Devi Rajkumar.	A PROSPECTIVE STUDY OR CUTANEOUS MANIFESTATION OF OBESITY	JOURNAL OF PHARMACEUTICAL NEGATIVE RESULTS	VOLUME. 01	Oct-22	



PHYSIOLOGY

RESEARCH PUBLICATION LAST ONE YEAR

1. *Sugapriya. G, Mani.M. S, Ponneshwer. J, Swapnatai. A. Meshram, Umamaheswari. K, Snekalatha S. ‘‘ASSOCIATION OF SLEEP HYGIENE AND QUALITY WITH MENSTRUAL HEALTH AMONG YOUNG WOMEN’’ International Journal of Academic Medicine and Pharmacy (JAMP); Volume 5, Issue 3, 2023.

ONGOING RESEARCH PROJECT

1. Assessment of impact of diet on mental health status amongst young adults.
Gugan M. (student) and Dr.Swapnatai A Meshram.
2. Effect of smoking and smokeless tobacco use on auditory and visual reaction time in young adult males. Aswin (student) and Dr.K. Umamaheswari.
3. Pulmonary function in house-keeping workers of a tertiary care hospital in chennai – A cross sectional study. Ramita Anand (student) and Dr.S. Snekalatha.
4. Effect of brushing teeth during defecation on salivary PH-doers and non doers a comparative study. Arul Prakash (student). Dr.Sugapriya.
5. A novel approach for teaching the concept of Osmolarity with volume Osmolarity diagram using newer teaching learning methods among medical students.
Dr.Bhavithra Bharathi.S and Dr.S. Snekalatha

OPHTHALMOLOGY

Publications and research work OF faculty during the past 1 YEAR by senior resident and faculty and senior resident (not conducted in ESIC)

Name: Associate professor DR.Ramya Chelliah

1. Screening for Keratoconus among Students in a Medical College in South India: A Pilot Study Ramya Chelliah,Ravikumar Rangasamy, Ganesh Veeraraghavan, Karthikeyan Mahalingam, Sheela Ramani, Shiva Pattabiraman, Nithya Narayanan Department of Ophthalmology, Tagore Medical College and Hospital, Tamil Nadu, Dr.Rajendra Prasad Centre for Ophthalmic Science, AIIMS, New Delhi, India.

TNOA Journal of Ophthalmic Science and Research [61\(2\):p 192-195, Apr-Jun 2023.](#) | DOI: 10.4103/tjosr.tjosr_98_22

Name: Dr Janani.R (senior resident)

PUBLICATIONS by: Dr Janani.R: (not in ESIC)

1. Long anterior zonules associated pigment dispersion – Ophthalmic images – Indian journal of ophthalmology case reports- April 2023
2. Unilateral segmental Accessory iris membrane associated with persistent pupillary membrane - Ophthalmic images – Indian journal of ophthalmology case reports – July 2023
3. “Reverse target sign” - Pseudo exfoliation deposits on the intraocular lens (IOL) - Ophthalmology glaucoma – American academy of ophthalmology- May 2023
4. Optic nerve head melanocytoma in a case of thyroid eye disease – coincidence or cause? – Journal of clinical and diagnostic research-April 2023
5. Segmental vitiligo of the eyelid with leukotrichia of the lashes in a child – Brazilian journal of ophthalmology- May 2023
6. Giant cystic degeneration of pterygium – French journal of ophthalmology – April 2023

Publications and research work from the department during the past 1 YEAR

1. Malathi VK,ElangovanS,Anuradha R,Senthamarai G,Kumar TS.Incidence of retinal haemorrhages in full term newborn babies in a tertiary care hospital in India.TNOA J Ophthalmic Sci Res2022;60:11-
2. Rajeshwari.A, Malathi V.K. An observational study of the correlation between axial length and retinal nerve fibre layer thickness in myopic eyes in a tertiary care centre in south india. TNOA J Ophthalmic Sci Res; Date of acceptance: 30.06.2022

ONGOING RESEARCH WORK in department of ophthalmology: 2022-2023

1. A prospective interventional study to find the effectivity of Razumab by measuring macular edema pre and post intravitreal injection.

Name of the Principal Investigator: Dr. V.K. Malathi

Name of the Co- Investigators: Dr. A. Rajeshwari

Period of study: 16.05.2022 to 15.05.2023

2. A case control study on profile and risk factors of presenile cataract in a tertiary hospital and medical college of Employee State Insurance Corporation.

Name of the Principal Investigator Dr. Sharmila S.

Period of study: 27.06.2023 to 26.06.2024

Name of the Co-Investigator: Dr. Suma Elangovan, Dr. Ramya Chellaiah,

Dr. Malathi V.K., Dr. G. Senthamarai, Dr. Rajeshwari, Dr. Radhika Dinesh, Dr. Sharmila B, Dr. Janani, Dr. Prabha V.

3. A quasi-interventional study to assess the development of centre involving macular edema post cataract surgery in patients with diabetic retinopathy

Name of the Principal Investigator Dr. Sharmila S.

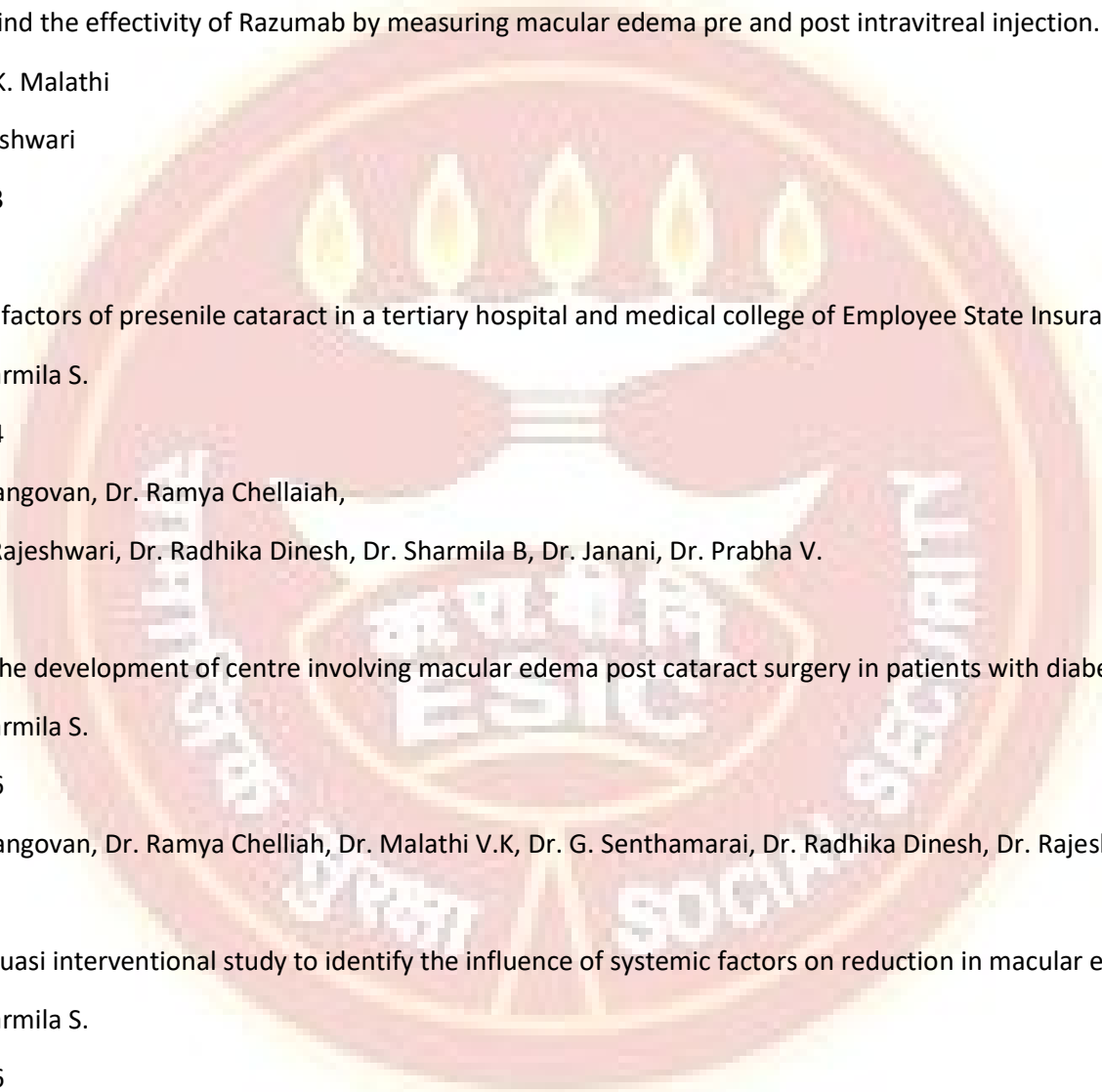
Period of study: 01.03.2023 to 28.02.2026

Name of the Co-Investigator: Dr. Suma Elangovan, Dr. Ramya Chelliah, Dr. Malathi V.K, Dr. G. Senthamarai, Dr. Radhika Dinesh, Dr. Rajeshwari

4. Research Proposal Title a prospective quasi interventional study to identify the influence of systemic factors on reduction in macular edema post Razumab injection

Name of the Principal Investigator Dr. Sharmila S.

Period of study: 01.03.2023 to 28.02.2026



Name of the Co-Investigator : Dr. Suma Elangovan, Dr. Ramya Chelliah, Dr. Malathi V.K, Dr. G. Senthamarai, Dr. Radhika Dinesh, Dr. Rajeshwari

5. Retinal ganglion cell thickness changes in Type 2 Diabetes without retinopathy

Name of the Principal Investigator Dr. A. Rajeshwari

Name of the CoInvestigators Dr. V.K. Malathi

Period of study: 01.05.2022 to 01.05.2023

6. Microbial contamination of goggles used by post-ocular surgery patients – A cross sectional study from a tertiary care centre in South India

Primary investigator – Dr.Janani. R

Co –Investigators/Guide: Dr.Suma Elangovan, Dr.Ramya chelliah, Dr. Shruti Janani, Dr.Radhika Dinesh

7. Role of infrared thermography in the detection of diabetic retinopathy

Primary investigator – Dr.Ramya Chelliah

Co –Investigators/Guide: Dr.Suma Elangovan, Dr. Malathi V.K, Dr. G. Senthamarai

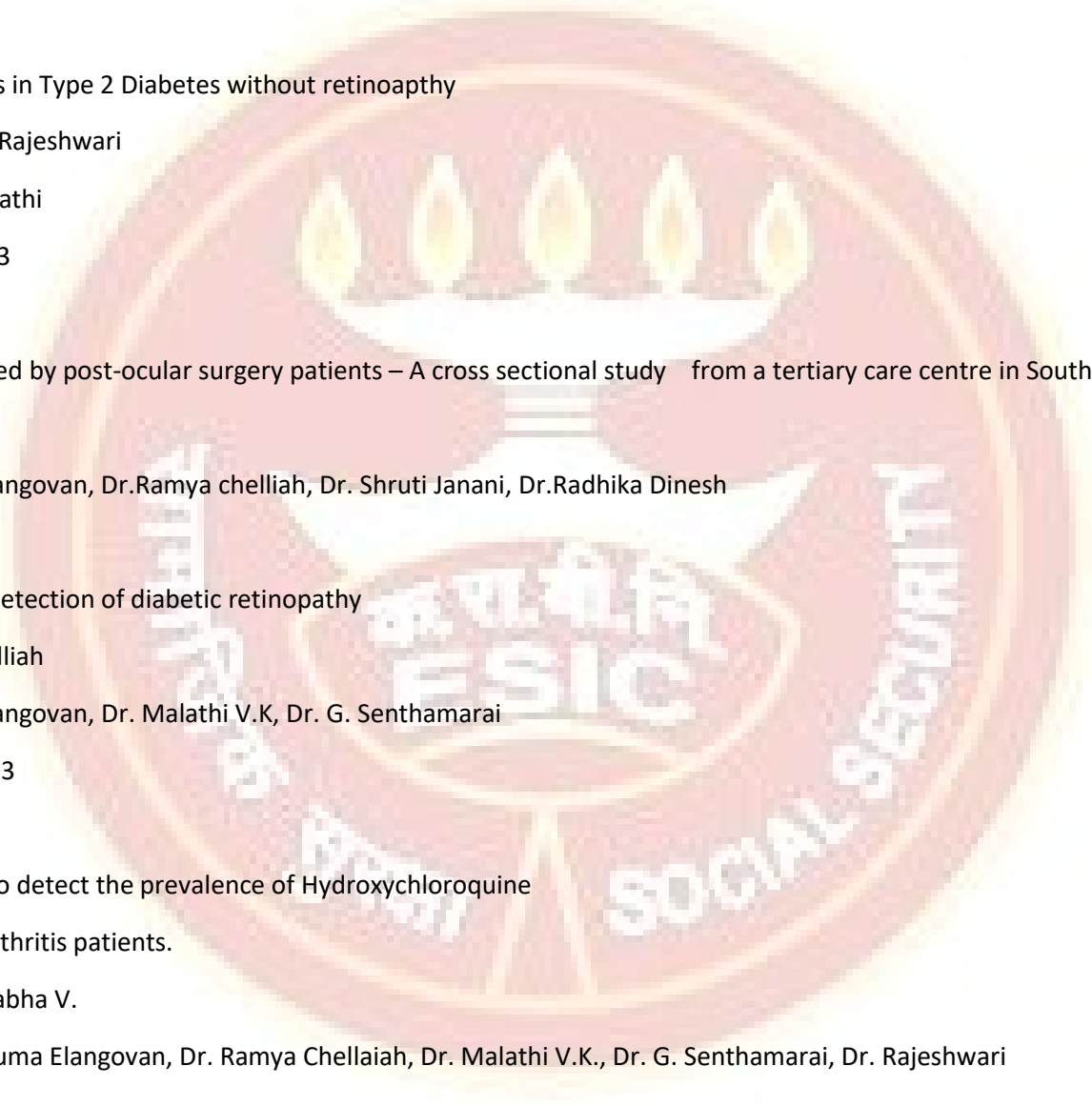
Period of study: 5/8/2022 to 4/8/2023

8. A cross sectional observational study to detect the prevalence of Hydroxychloroquine

Induced retinal toxicity in Rheumatoid Arthritis patients.

Name of the Principal Investigator Dr. Prabha V.

Name of the Co-Investigator/Guide Dr. Suma Elangovan, Dr. Ramya Chellaiah, Dr. Malathi V.K., Dr. G. Senthamarai, Dr. Rajeshwari



Period of study: 27.06.2023 to 26.06.2024

9. Prevalence of Ocular Involvement in Rheumatoid Arthritis

Name of the Principal Investigator Srinidhi S Sankruthi

Name of the Co-Investigator/Guide Dr. Suma Elangovan

Period of study: 06.06.2023 to 05.06.2024

10. Incidence and early indicators of Ethambutol optic neuropathy in patients on anti-

Tubercular therapy regime– A Prospective Observational Study

Name of the Principal Investigator Dr. Sharmila B.

Name of the Co-Investigator/Guide Dr. Suma Elangovan, Dr. Ramya Chelliah,

Dr. Malathi V.K., Dr. G. Senthamarai, Dr. Sharmila S, Dr. Radhika Dinesh, Dr. Rajeshwari, Dr. Prabha V., Dr. Janani R.

Period of study: 27.06.2023 to 26.06.2024

11. Prevalence of Ethambutol optic neuropathy in patients on anti-tubercular therapy regime– A Cross-sectional study.

Name of the Principal Investigator Dr. Sharmila B.

Name of the Co-Investigator/Guide Dr. Suma Elangovan, Dr. Ramya Chelliah, Dr. Malathi V.K., Dr. G. Senthamarai, Dr. Sharmila S, Dr. Radhika Dinesh, Dr. Rajeshwari, Dr. Prabha V., Dr. Janani R.

Period of study: 27.06.2023 to 26.06.2024



PHARMACOLOGY

d) List of publications by the members of the staff ONLY during the preceding 3 years as per MCI/NMC requirements? 9

1. Rajathilagam T, Thuthi Mohan, Aruna B Patil, Mohanavalli S and Seethalakshmi S. IL-6, a therapeutic target and Omega-3 PUFA, a host modulator in Chronic Periodontitis. 2021 December, Biomedical & Pharmacology Journal. Vol 14 (4): 1-10.
2. Vijayakumar A E, Seethalakshmi S, Vinay M, Arjun S, Nikhitha P. Knowledge, attitude and practices of 2nd year MBBS students regarding the use of face mask to limit the spread of the new coronavirus disease. Dec, 2021
3. Arjun Swaminathan, Vijayakumar A E, Nikhitha P. Assessing and contrasting the knowledge, attitude and practices related to supplements and micronutrients in medical students and interns of a tertiary care hospital. March 15, 2023
4. Dr. M. Karthiga, Evaluation of antiangiogenic and antiproliferative potential of ethanolic extracts of *Andrographis echinoides* using in vitro and in vivo assays. Journal of cancer research and therapeutics; 2021
5. Dr. M. Karthiga, A Study Of The Impact Of Carrying 'Xy Chromosome' On Maternal Insulin Secretion And Insulin Resistance At A Tertiary Care Center In Chennai, Journal of Pharmaceutical Negative Results; 2022
6. Dr. VA Varahi Vedam Antiproliferative Effects of Olanzapine against MCF-7 Cells and Its Molecular Interactions with Survivin International Journal of Nutrition, Pharmacology, Neurological Diseases (IJNPND): 2022
7. Dr. VA Varahi Vedam. Homocysteine levels and clinical outcomes in schizophrenia – A pilot randomized controlled trial. JPP; 2022
8. Dayanidhi Shanmugarajan, Chandrashekar Girish, Natarajan Harivenkatesh, Bammigatti Chanaveerappa, Nakka Chandrasekar Prasanna Lakshmi Antihypertensive and pleiotropic effects of *Phyllanthus emblica* extract as an add-on therapy in patients with essential hypertension—A randomized double-blind placebo-controlled trial Phytotherapy Research; 2021
9. Dr. E. Tamilmathy [Knowledge About Covid-19 Medications: A Pre-Admission Analytical Study In Corona Screening Centre](#)
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