Jubilee Mission PO, East Fort - 680 005, Thrissur, Kerala, India | +91 487 243 2200, 246 1000 | jm@jmmc.ac.in | www.jmmc.ac.in

Information as per clause B.1.11

Research work, research grants and research publications during last one year

Jubilee Mission Medical College & Research Institute was established and recognized in 2003. Jubilee Centre for Medical Research (JCMR) is the central research facility of Jubilee Mission Medical College & Research Institute. Approvals like DSIR-SIRO, Income Tax exemption u/s 35 1(ii), Ethics committee (CDSCO, DHR & NABH), Animal house (CPCSEA) are valid for the coming year. JCMR is recognized as research centre for Ph.D programme under the faculty of Medicine, Nursing and Paramedical & Allied Health Sciences under Kerala University of Health Sciences (KUHS). KUHS has also recognised 21 guides from Medical Faculty. JCMR has furnished laboratory space of 6750 sq ft and the animal house is 2000sq ft. Equipments worth 3 crores is in use at JCMR. Apart from these, 24 labs/facilities of Jubilee Mission Medical College are now functioning as research units.

To involve in research activities along with clinical practice is a commitment of faculty and students of this medical college. The Faculty and students are actively participating in various research programs funded by government and private sectors as well as by the parent institution. They spend extra hours to carry out research projects along with their routine teaching learning process. The research activities came to a full swing by 2014 with the joining of the eminent biochemist Dr D M Vasudevan as the Director of Research.

Jubilee has completed several research projects both externally funded and institutional. Funding agencies include ICMR, DRDO, DST, DBT, KSCSTE etc. Detailed research projects conducted in 2021 is provided in the table given. More funded projected are awaited in the coming years.

There is a constant increase in the number of research papers published every year. Faculty members are advised to make publications in journals with good impact factor. Last year, there were more than 100 publications with more than 150 faculty of the Medical College as authors and more than 60 faculty members involved in various research programmes. More publications are expected in coming years.

Jubilee Mission Medical College and Research Institute Funded research projects 2021

SI No	Title of the Project	Name of investigators	Funding Agency Year of starting and completing	Amount Sanctioned
1	Influence of demographic, clinical, genetic and pattern of management in maintaining long term abstinence among patients of alcohol use disorders who received treatment from Deaddiction centres in Thrissur district: A prospective follow up study.	Dr. Praveenlal Kuttichira, Professor Psychiatry Dept	ICMR (Extramural) 2019-2022	Rs. 53.68 Lakhs
2	Randomized controlled trial of the effect of milking of umbilical cord versus standard care on Neonatal Morbidity pattern and Neurodevelopmental outcome up to one year of corrected age in very preterm infants	Dr V C Manoj Assoc Professor Neonatology Dept	KSCSTE 2018-2021	Rs 16.32 Lakhs
3	Laboratory extraction of active 1-8 Cineol from <i>Alpine calacrata</i> and <i>Elettaria cardamom</i> um leaves, quantification using GCSMS studies and studies on antibacterial activity	Dr Prashanth Varkey, Associate Professor, JCMR	CSR funding M/s Jos Alukkas Foundation 2020-21	Rs 35 Lakhs
4	Non-invasive treatment of uterine fibroids through rationally designed Selective progesterone receptor modulators.	Dr. Dileep Vijayan, Scientist, JCMR	DHR 2021-23	Rs 90.6 Lakhs
5	Epidemiological and Genetic Research among the Orofacial cleft patients from Central Kerala: A hospital based case control study	Dr. Alex George, Scientist, JCMR	Smile Train India 2021-23	Rs 78.6 Lakhs
6	Rotasiil® Vaccine Intussusception Surveillance in Kerala, Karnataka, Maharashtra and Gujarat, India	Dr Aparna Namboodirippad Associate Professor, Dept. of Pediatrics	Funded by Bill and Melinda Gates Foundation, USA through CMC Vellore 2020-22	15.2 lakhs
7	Indian Registry in Ischemic Stroke with Tenecteplase (IRIS – TNK Registry)	Dr PC Gilvas, Prof & HoD, Neurology	Gennova Biopharmaceuticals Ltd	9 Lakhs

		Г		1
			2021	
	Rotasiil® Vaccine Impact	Dr Aparna	Wellcome Trust	18.5 Lakhs
	Assessment Study in Kerala,	Namboodirippad	through CMC Vellore	
8	Karnataka, Maharashtra and	Associate	2021-22	
	Gujarat, India	Professor, Dept.		
	•	of Pediatrics		
	To evalualte the efficacy and	Dr Aswath	Zuventus Healthcare	Rs. 2
	safety of Atosiban 7.5 mg/ml in	Kumar, Prof,	Ltd.	Lakhs
	Preterm labor mitochondria	Dept of	2020-21	
9	mediated pathway in H9c2	Obstetrics &	2020 21	
	cardiomyoblast and heart for	Gynecology		
	development of nutraceutical	dynecology		
	A Multicenter	Dr. Chitra	Mylan	Rs 0.25
	Retrospective Observational	Valsan,	pharmaceutical	Lakhs
10	study of Antimicrobial	Prof & Head,	2020-21	
10	resistance profile in ICU patients	Dept of	2020 21	
	resistance prome in 160 patients	Microbiology		
	Development of microneedles	Dr Prashanth	CSR funding (M/s	5 Lakhs
	from hyaluronic acid	Varkey,	Vector Surgical	3 Lukiis
11	Trom Tryalar offic acia	Associate	Disposables)	
		Professor, JCMR	2021-22	
	10	CMR- STS project	2021 22	
	Short Term Studentsh		o MBBS students	
	A Study on the Causes and	Ms. Avelyn T	ICMR STS	Rs 20,000/-
	Outcomes of Markedly Elevated	Kishore (MBBS	2020-21	1.5 20,000,
	C reactive protein in Adults in a	Student)	2020 21	
12	Tertiary Care Teaching Hospital in	Dr. Rosmi Jose		
	Central Kerala	(Dept of		
		Microbiology)		
	Genetic Correlation by Pedigree	Ms. Aiswarya H	ICMR STS	Rs 20,000/-
	Analysis in Patients Diagnosed	Menon (MBBS	2020-21	113 20,000,
13	with PCOS as per Rotterdam's	Student)	2020 21	
13	Criteria	Dr. Saley Daniel		
	Circeita	(Dept of OBG)		
	Comparison of Sitting Time and	Mr. Ashwin	ICMR STS	Rs 20,000/-
	Physical Activity as Predictors of	Varkey Ajay	2020-21	113 20,000/-
	Cardio-respiratory Fitness in	(MBBS Student)	2020 21	
14	Medical Students	Dr. Biju		
	Wedical Students	Bahuleyan (Dept		
	Clinical and Microbiological	of Physiology) Ms. Donna M	ICMR STS	Rs 20,000/-
	Profile and Outcome of Blood	Thomas (MBBS	2020-21	1.3 20,000/3
	Stream Infections with	Student)	2020 21	
15	Carbapenem Resistant and	Dr. Chithra Valsan		
10	Carbapenem Susceptible	(Dept of		
	Enterobacteriaceae- a			
	Comparative Study	Microbiology)		
16	Prevalence of occupational	Me laziva lahaan	ICMR STS	Rs 20,000/-
16	r revalence of occupational	Ms. Jaziya Jabeen	ICIVIN 313	NS ZU,UUU/-

Jubilee Mission PO, East Fort - 680 005, Thrissur, Kerala, India | +91 487 243 2200, 246 1000 | jm@jmmc.ac.in | www.jmmc.ac.in

	burnout among resident doctors	(MBBS Student)	2020-21	
	working in a private hospital,	Dr. P R Varghese		
	Central Kerala	(JCMR)		
	A Hospital Based Study on	Mr. Savio Simon	ICMR STS	Rs 20,000/-
	Assessing the Significance of	(MBBS Student)	2020-21	
17	Serum Lactate Dehydrogenase	Dr. Viji Krishnan		
1/	Level in Preeclampsia and its	(Dept of		
	association with Maternal and	Biochemistry)		
	Foetal Outcome			

LIST OF PUBLICATIONS 2020-2021

SI	Title of the Project	Name of	Funding Agency	Amount
No	·	investigators	Year of starting	Sanctioned
			and completing	
	Influence of demographic,	Dr. Praveenlal	ICMR (Extramural)	Rs. 53.68
	clinical, genetic and pattern of	Kuttichira,	2019-2022	Lakhs
	management in maintaining	Professor		
	long term abstinence among	Psychiatry Dept		
1	patients of alcohol use			
	disorders who received			
	treatment from De-addiction			
	centres in Thrissur district: A			
	prospective follow up study.			
	Randomized controlled trial of	Dr V C Manoj	KSCSTE	Rs 16.32
	the effect of milking of	Assoc Professor	2018-2021	Lakhs
	umbilical cord versus standard	Neonatology Dept		
2	care on Neonatal Morbidity			
	pattern and			
	Neurodevelopmental outcome			
	up to one year of corrected age			
	in very preterm infants			
	Laboratory extraction of active	Dr Prashanth	CSR funding	Rs 35
	1-8 Cineol from <i>Alpine</i>	Varkey, Associate	M/s Jos Alukkas	Lakhs
	calacrata and Elettaria	Professor, JCMR	Foundation	
3	cardamomum leaves,		2020-21	
	quantification using GCSMS			
	studies and studies on			
	antibacterial activity			
	Non-invasive treatment of	Dr. Dileep Vijayan,	DHR	Rs 90.6
	uterine fibroids through	Scientist, JCMR	2021-23	Lakhs
4	rationally designed Selective			
	progesterone receptor			
	modulators.	D 41 C	C 11 T 1 1 11	D 70 6
5	Epidemiological and Genetic	Dr. Alex George,	Smile Train India	Rs 78.6
	Research among the Orofacial	Scientist, JCMR	2021-23	Lakhs

	alafta anti-arta forma Cantanal			
	cleft patients from Central			
	Kerala: A hospital based case			
	control study	D. A	For dead by Dillered	45.21-11-
	Rotasiil® Vaccine	Dr Aparna	Funded by Bill and	15.2 lakhs
_	Intussusception Surveillance in	Namboodirippad	Melinda Gates	
6	Kerala, Karnataka, Maharashtra	Associate	Foundation, USA	
	and Gujarat, India	Professor, Dept.	through CMC Vellore	
		of Pediatrics	2020-22	
	Indian Registry in Ischemic	Dr PC Gilvas, Prof	Gennova	9 Lakhs
7	Stroke with Tenecteplase (IRIS –	& HoD, Neurology	Biopharmaceuticals	
-	TNK Registry)		Ltd	
			2021	
	Rotasiil® Vaccine Impact	Dr Aparna	Wellcome Trust	18.5 Lakhs
	Assessment Study in Kerala,	Namboodirippad	through CMC Vellore	
8	Karnataka, Maharashtra and	Associate	2021-22	
	Gujarat, India	Professor, Dept.		
		of Pediatrics		
	To evalualte the efficacy and	Dr Aswath Kumar,	Zuventus Healthcare	Rs. 2
	safety of Atosiban 7.5 mg/ml in	Prof, Dept of	Ltd.	Lakhs
9	Preterm labor mitochondria	Obstetrics &	2020-21	
	mediated pathway in H9c2	Gynecology		
	cardiomyoblast and heart for			
	development of nutraceutical			
	A Multicenter	Dr. Chitra Valsan,	Mylan	Rs 0.25
10	Retrospective Observational	Prof & Head, Dept	pharmaceutical	Lakhs
10	study of Antimicrobial	of Microbiology	2020-21	
	resistance profile in ICU patients			
	Development of microneedles	Dr Prashanth	CSR funding (M/s	5 Lakhs
11	from hyaluronic acid	Varkey, Associate	Vector Surgical	
11		Professor, JCMR	Disposables)	
			2021-22	
	I	CMR- STS project		
	Short Term Students	hip project granted t	o MBBS students	
	A Study on the Causes and	Ms. Avelyn T	ICMR STS	Rs 20,000/-
	Outcomes of Markedly Elevated	Kishore (MBBS	2020-21	
12	C reactive protein in Adults in a	Student)		
12		•		
1	Tertiary Care Teaching Hospital in	Dr. Rosmi Jose		
	Tertiary Care Teaching Hospital in Central Kerala	Dr. Rosmi Jose (Dept of		
		(Dept of	ICMR STS	Rs 20,000/-
	Central Kerala Genetic Correlation by Pedigree Analysis in Patients Diagnosed	(Dept of Microbiology)	ICMR STS 2020-21	Rs 20,000/-
13	Central Kerala Genetic Correlation by Pedigree	(Dept of Microbiology) Ms. Aiswarya H		Rs 20,000/-
13	Central Kerala Genetic Correlation by Pedigree Analysis in Patients Diagnosed	(Dept of Microbiology) Ms. Aiswarya H Menon (MBBS		Rs 20,000/-
13	Genetic Correlation by Pedigree Analysis in Patients Diagnosed with PCOS as per Rotterdam's	(Dept of Microbiology) Ms. Aiswarya H Menon (MBBS Student)		Rs 20,000/-
13	Genetic Correlation by Pedigree Analysis in Patients Diagnosed with PCOS as per Rotterdam's	(Dept of Microbiology) Ms. Aiswarya H Menon (MBBS Student) Dr. Saley Daniel		Rs 20,000/-
	Central Kerala Genetic Correlation by Pedigree Analysis in Patients Diagnosed with PCOS as per Rotterdam's Criteria	(Dept of Microbiology) Ms. Aiswarya H Menon (MBBS Student) Dr. Saley Daniel (Dept of OBG)	2020-21	
13	Central Kerala Genetic Correlation by Pedigree Analysis in Patients Diagnosed with PCOS as per Rotterdam's Criteria Comparison of Sitting Time and	(Dept of Microbiology) Ms. Aiswarya H Menon (MBBS Student) Dr. Saley Daniel (Dept of OBG) Mr. Ashwin	2020-21 ICMR STS	

Jubilee Mission PO, East Fort - 680 005, Thrissur, Kerala, India | +91 487 243 2200, 246 1000 | jm@jmmc.ac.in | www.jmmc.ac.in

		Bahuleyan (Dept		
		of Physiology)		
	Clinical and Microbiological	Ms. Donna M	ICMR STS	Rs 20,000/-
	Profile and Outcome of Blood	Thomas (MBBS	2020-21	
	Stream Infections with	Student)		
15	Carbapenem Resistant and	Dr. Chithra Valsan		
	Carbapenem Susceptible	(Dept of		
	Enterobacteriaceae- a	Microbiology)		
	Comparative Study			
	Prevalence of occupational	Ms. Jaziya Jabeen	ICMR STS	Rs 20,000/-
16	burnout among resident doctors	(MBBS Student)	2020-21	
10	working in a private hospital,	Dr. P R Varghese		
	Central Kerala	(JCMR)		
	A Hospital Based Study on	Mr. Savio Simon	ICMR STS	Rs 20,000/-
	Assessing the Significance of	(MBBS Student)	2020-21	
17	Serum Lactate Dehydrogenase	Dr. Viji Krishnan		
17	Level in Preeclampsia and its	(Dept of		
	association with Maternal and	Biochemistry)		
	Foetal Outcome			

LIST OF PUBLICATIONS 2020-2021

Sl. No	Title of the paper	Authors	Year of Publication	Name of Journal	*Employment of author with Jubilee
1.	Human-derived scaffold components and stem cells creating immunocompatible dermal tissue ensuing regulated nonfibrotic cellular phenotypes.	Ramakrishnan R, Sreelatha HV, Anil A, Arumugham S, Varkey P* et.al.	2020	ACS Biomaterials Science & Engineering. 2020 Apr 7;6(5):2740-56.	Scientist, Jubilee Centre for Medical Research
2.	Possible Effects of Perchlorate Contamination of DrinkingWater on Thyroid Health.	Sunny P O, Ronnie T*, N.Chandramohanak umar, et.al.	2020	Journal of Thyroid Research, May 2020. 1-6	Asst Prof. Dept of Community Medicine
3.	Trauma Care in India: Capacity Assessment Survey From Five Centers.	Babu BV, Vishwanathan K, Ramesh A, Gupta A, Tiwari S, Palatty BU*, et.al.	2020	Journal of Surgical Research. 2020 Aug 1;252:156- 68	Prof & Head, Dept of Emergency Medicine
4.	Study On Effect Of Ayurvedic Treatment To Stabilize Creatinine Level And Control Progression Of Chronic Kidney Disease.	Puthur Donata*, Prasad Krishna, Varghese P R and Shadevan C D	2020	International Ayurvedic Medical Journal; 4(4): April- May 2020, 2298-2302.	Senior consultant, Jubilee Ayurveda Mission Hospital

5.	Role of Hyperbaric Medicine for Osteoradionecrosis and Post Irradiation Wounds: an Institutional Experience.	Korambayil PM*, Ambookan PV, Pillai S, Karangath RR, George D.	2020	Indian Journal of Surgical Oncology. 2020 Sep;11(3):469- 74.	Prof & Head, Dept of Plastic Surgery
6.	Hospital oxygen supply: A survey of disaster preparedness of Indian hospitals.	Paul C*, Paul J, Babu A.	2020	Indian J Respir Care 2020;9:216-20.	Asst Prof, Dept of Anaesthesia
7.	Sustained Support for a Dissertation Will Facilitate Postgraduate Research Publication: An Experience From South India.	Kuttichira P*, M Unni K, Varghese PR.	2020	Journal of Medical Education. 2020 Feb 29;19(1).	Prof, Dept of Psychiatry
8.	COVID 19 Pandemic- Affidavit by academic personnel on well being and social responsibility from a Medical College in Central Kerala.	Rafi Mohammed*, Varghese P R, Kuttichira.P.	2020	Journal of the Social Sciences; 48(3): July 2020, 427-430.	Assoc Prof, Dept of Transfusion Medicine
9.	Basic Life Support: Need of the Hour-A Study on the Knowledge of Basic Life Support among Young Doctors in India.	Chandran KV, Abraham SV [*] .	2020	Indian J Crit Care Med. 2020;24(5):332- 335.	Asst Prof, Dept Emergency Medicine
10.	The accuracy of anthropometric measurements of general and central obesity for the prediction of impaired glucose tolerance among the adult population of South India.	Thomas R*, Ambookan PV, Jose J, Unnikrishnan UG	2020	J Family Med Prim Care 2020;9:3416-20	Asst Prof, Dept of Community medicine
11.	Management of accidental thermal burns due to burning of household waste in rural areas of Kerala: an institutional study.	Hemang S, Geetanjali R, Pradeoth M*.	2020	Global Journal For Research Analysis July- 2020 : 9(7)	Prof & Head, Dept of Plastic Surgery
12.	Comparative Study Of Collagen Vs. Silver Foam Dressing In Second Degree Superficial Burns: An Institutional Study.	Hemang Sanghvi*, Smitha Segu, Shikha Sanghvi.	2020	Global Journal For Research Analysis : 9 (7) July-2020	Consultant, Dept of Plastic Surgery
13.	The Pedagogical Shift During COVID 19 Pandemic: Online Medical Education, Barriers and Perceptions in Central Kerala.	Rafi, A. M [*] ., Varghese, P. R., & Kuttichira, P	2020	Journal of Medical Education and Curricular Development. 2020 Aug	Assoc Prof, Dept of Transfusion Medicine

	T			T	Г
14.	Lasers use in dermatology practice in the evolving COVID-19 scenario: Recommendations by SIG lasers (IADVL academy).	Dhawan S, Kumari P, De A, Pall A, Pudukadan D [*] , et.al.	2020	Indian dermatology online journal. 2020 May;11(3):337	Prof, Dept of Dermatology
15.	Prevalence of Headache Disorders, their Impact on the Daily Lifestyle of the Patients, and the Correlation of their Demographic and Clinical Features with Headache Impact Test 6.	Farooque U, Fahham Asghar MT, Pillai B, Shabih S, Muralidharan S [*] , et.al.	2020	Archives of Internal Medicine Research. 2020;3:195-205	MBBS student
16.	A cross sectional observational study about the relationship between Body Mass Index and severity of asthma in children aged 6 to 14 years.	Karunakaran R, Santhakumar R*, Vincent J.	2020	Int J Adv Med 2020;7:1486-91.	Assoc Prof, Dept of Pediatrics
17.	Willingness and psychological preparedness to attend to COVID-19 patients among healthcare workers in a tertiary care private hospital in Kerala-A mixed method study.	Valsan N*, Thomas R, Kuttichira P, Valsan C, James A.	2020	Kerala Journal of Psychiatry. 2020 Sep 27;33(2):96- 104	Assoc Prof, Dept of Psychiatry
18.	Impact of COVID-19 pandemic on people with alcohol use disorder in Kerala–An observation from Thrissur district.	Thomas C, Menon G*, Kuttichira P.	2020	Kerala Journal of Psychiatry. 2020 Sep 30;33(2):165-9.	Asst. Prof, Dept of Psychiatry
19.	An observational study on clinical and bacteriological profile of new-borns with early onset sepsis.	Tharu MG, Santhakumar R*, Manoj VC	2020	Int J Contemp Pediatr 2020;7: 1962-7.	Assoc Prof, Dept of Pediatrics
20.	Diagnostic accuracy of fine needle aspiration cytology and the significance of bethesda category III in thyroid neoplasia.	Pillai RH, Chimmen JV*, Aswathi R.	2020	J Evid Based Med Healthc 2020; 7(40), 2242-2246.	Asst Prof, Dept of pathology
21.	Association of Cardiorespiratory Fitness with Visceral Adiposity and Lifestyle Patterns Among Undergraduate Medical Students in South India.	Abiya Kunjumon, Biju Bahuleyan*	2020	International Journal of Medical Science and Current Research, 2020; 3(5), 312-321.	Prof & Head, Dept of Physiology
22.	Clinical outcome of platelet transfusion using platelet-rich plasma-derived platelets and buffy coat-removed platelets in patients with dengue fever – A comparison.	Purushothaman J, Innah SJ*.	2020	Glob J Transfus Med 2020;5:38- 43	Prof & Head, Dept of Transfusion Medicine

	T=	T		1	
23.	Procedural Volume and Outcomes After Primary Percutaneous Coronary Intervention for ST-Segment— Elevation Myocardial Infarction in Kerala, India: Report of the Cardiological Society of India—Kerala Primary Percutaneous Coronary Intervention Registry.	Jabir, A., Mathew, A., Zheng, Y., Westerhout, C., Viswanathan, S., Sebastian, P., Kumar, P*, et. al.	2020	Journal of the American Heart Association, 9, p.e014968.	Prof, Dept of Cardiology
24.	Clinical impact of adjuvant chemotherapy and radiation for carcinoma stomach: Experience from a tertiary care center.	Chalissery JR, Jose T A, Pillai S*, Unni H, Varghese K M, Gopu G et.al	2020	J Can Res Ther 2020;16, Suppl S1:122-27	Prof, Dept of Oncology
25.	Finger Ridge Patterns In Psoriasis Patients.	Varghese P D, Leelamma A George, Lekha K.S, Anjali K Mathew, Varghese P R*	2020	Indian Journal Of Applied Research 2020; 10 (11): 1-2	Research Coordinator, JCMR
26.	Influence of family environment on childhood emotional and behavioural disorders.	Kaimal GG, Punnoose VP, Beevi SK*.	2020	J Evid Based Med Healthc 2020; 7(44), 2544-2549.	Prof & Head, Dept of Psychiatry
27.	Diabetic dermopathy (shin spots) and diabetic retinopathy-are they associated?	Babu N, Andrew NT, Paul M, Andrews C V* et al.	2020	J Evid Based Med Healthc 2020; 7(48), 2806-2810	Prof & Head, Dept of ophthalmology
28.	Secretory Cell OUTgrowth (SCOUT), Serous Tubal Intraepithelial Carcinoma (STIC) and P53 expression in fallopian fimbriae of ovarian serous tumors- A tertiary care center study.	Aswathi R*, Jayalakshmy PS.	2020	Indian J Pathol Oncol2020;7(4): 636-642	Asst Prof, Dept of pathology
29.	Screening for hearing impairment in high-risk neonates in a tertiary care centre in central Kerala.	Maina J, Santhakumar R [*] , Manoj VC, Vellore M.	2020	J Evid Based Med Healthc 2020; 7(49), 2959-2963	Assoc Prof, dept of Pediatrics
30.	Clinical Profile Of Intussusception In Children Admitted To A Tertiary Care Centre In Kerala.	Neethu Jose, Aparna Namboodiripad*, Regi George.	2020	International Journal of Medical Science and Diagnosis Research, 2020; 4 (12): 11-14	Assoc Prof, Dept of Pediatrics

				1	
31.	Effectiveness of Targeted Health Education with Focus on Knowledge and Practice among Hospital Sanitation Workers designated in Isolation Wards as Part of the Pandemic Preparedness for COVID-19.	Priyanka, R*, Jubinabency, A. T, Thomas J, Thomas R, UG U, Raphael L.	2020	Indian Journal of Public Health Research & Development. 2020 Dec 1;11(12).	Asst Prof, Dept of Community medicine
32.	Anti-mutagenic Activity of Oxycarotenoid-rich Extracts Isolated from Coriandrum Sativum and Murraya koenigii.	Anish A, Abdulkadir SP, Theru AP*, Kurian MJ.	2020	Asian Pacific Journal of Cancer Biology. 2020 Dec 7;5(4):147-52.	Prof & Head, Dept of Anatomy
33.	Concerns and confidences expressed by teaching staff about the shift of medical education to online mode in South India during the COVID 19 pandemic.	Rafi AM*, Varghese PR, Kuttichira P.	2020	Journal of Ideas in Health. 2020 Dec 24;3(Special2):2 72-5.	Assoc Prof, Dept of Transfusing Medicine
34.	Perinatal outcome in babies in relation to severity of maternal hypertension.	George JM, Antony T.	2020	International Journal of Medical Science And Diagnosis Research. 2020 Dec 25;4(12)	Assoc Prof, Dept of Pediatrics
35.	Effect of a quality improvement intervention for acute heart failure in South India: An interrupted time series study.	Agarwal A, Mohanan PP, Kondal D, Baldridge A, Davies D, Devarajan R, Unni G*, et.al.	2020	International Journal of Cardiology. 2020 Dec 24	Prof & Head, Dept of Cardiology
36.	Immature Platelet Fraction as a Prognostic Indicator of Platelet Recovery in Patients with Thrombocytopenia—An Observational Study.	Mampilly RP, Earali JG [*] , AnilKumar CR.	2020	J Assoc Physicians India. 2020;68(1):93	Prof & Head, Dept of Medicine
37.	Study of Palmar Angles as a Dermatoglyphic Feature in Bronchial Asthma.	Deepa TK, Ranjith S*, Sampson U, Fysal N, Suhail N, et.al.	2020	Scholars International Journal of Anatomy and Physiology, 3 (1), 1-7.	Prof, Dept of Anatomy
38.	A survey of practices to diagnose, manages, prevent and control COVID-19 from 28 centres.	Bhattacharya S, Iyer R, Raja K, Ardra M*, et.al.	2020	J Acad Clin Microbiol 2020;22:5-11	Asst. Prof, Dept of Microbiology
39.	Are we prepared? Lessons from Covid-19 and OMAG position paper on epidemic preparedness.	Raina SK, Kumar R, Galwankar S, Garg S, Bhatt R, Krishnan V*, <i>et al</i> .	2020	J Family Med Prim Care 2020;9:2161-6	Asst. Prof, Dept of Emergency Medicine

40.	Immediate Mental Health Response to Kerala Floods 2018 Victims.	Kuttichira P*, Kallivayalil RA, James A, Thomas C, Rahiman A.	2020	World Soc Psychiatry 2020;2:210-6.	Prof, Dept of Psychiatry
41.	Adverse maternal complications in hellp syndrome-a hospital based study.	Lola Ramachandran*, Viji Krishnan, Tina Miriam Francis.	2020	Paripex - Indian Journal F Research, May – 2020; 9 (5). 49- 50	Assoc Prof, Dept of OBG
42.	Prospective evaluation of tracheobronchial foreign bodies.	Ihsan AT [*] , Ambooken D.	2020	Int J Otorhinolaryngol Head Neck Surg2020;6:1474 -6	Prof, Dept of Otorhinolaryng ology
43.	A Study on The Pattern of Retinal Changes in Patients With Chronic Kidney Disease.	Anchitha Meenu R, Anthrayos C V Kakkanatt*, Monsy Thomas Mathai & Niya Babu.	2020	International Journal of Current Medical and Applied sciences; 2020, 29(1), 05-12	Prof & Head, Dept of Ophthalmology
44.	Do medical interns have adequate training in geriatric medicine? A study on the knowledge and attitudes of interns toward older patients at a medical college in Kerala, South India.	Manjaly SP*, Francis A, Kotturan AD	2020	J Indian Acad Geriatr 2020;16:107-10	Asst Prof & Head, Dept of Geriatrics
45.	The Pandemic 2019- Awareness Among Medical Students-A Cross-Sectional Survey.	Anush Maria Joy, Biju Bahuleyan*	2020	International Journal of Creative Research Thoughts; 8 (11): 2552-55	Prof & Head, Dept of Physiology
46.	Impact of the SARS-CoV-2 pandemic on emergency surgery services—a multinational survey among WSES members.	Reichert M, Sartelli M, Weigand MA, Doppstadt C, Hecker M,Alfie.K* et al	2020	World Journal of Emergency Surgery. 2020 Dec;15(1):1-0.	Prof, Dept of Surgery
47.	Demographic profile of alcohol use disorder patient who received care from a de- addiction centre in central Kerala	Maria BC, Maria JP, Thomas R, Varghese PR, Kuttichira P*	2020	. Int J Community Med Public Health 2021;8:243-7.	Prof, Dept of Psychiatry
48.	Paradigm shift in health-care seeking behavior: A report from central Kerala, India, during COVID-19 pandemic.	Kuruvilla K*, Kuttichira P, Varghese PR, Vinu EV, Gopi IK.	2020	CHRISMED J Health Res 2020;7:271-5	Scientist, JCMR

	Do medical interns have				
49.	adequate training in geriatric medicine? A study on the knowledge and attitudes of interns toward older patients at a medical college in Kerala, South India.	Manjaly SP*, Francis A, Kotturan AD.	2020	J Indian Acad Geriatr 2020;16:107-10	Asst. Prof & Head, Dept of Geriatrics
50.	A rare case of primary nasal tuberculosis.	George MV*, Theresa L, Aswathi R	2020	Int J Otorhinolaryngol Head Neck Surg 2020;6:793-5.	Prof, Dept of Otorhinolaryng ology
51.	Paradoxical Embolism in a Case of Hereditary Hemorrhagic Telangiectasia: Case Report with Literature Review.	Baby N, Kunnathuparambil SG, Varghese P*, Kuriakose AM.	2020	Neurol India 2020;68:665-8	Prof, Dept of Neurology
52.	Successful Retrieval of a Partially Cut and Embolized Peripheral Intravenous Catheter from Cephalic Vein.	Ravi M*, Kumar CP, Rakesh TP.	2020	Asian Journal of Case Reports in Surgery. 2020 Jul 23:1-5	Assoc Prof, Dept of Cardiology
53.	Dengue Infection: Not Just Fever—A Rare Presentation with Literature Review.	Baby N, Gilvaz P*, Santhakumar R, Kuriakose AM.	2020	Journal of Pediatric Neurology 2020; 18(05): 241-245	Prof & Head, Dept of Neurology
54.	Lingual and Sublingual Hematoma after Alcohol withdrawal Seizure Episode-A Case Report.	Philip Mathew [*] , Pasupuleti Anitha, Harihara Jothi V, Tiwari H.	2020	Journal of Advanced Medical and Dental Sciences Research. 2020 Jul;8(7):96-8	Prof, Dept of Maxillofacial surgery
55.	The resurgence of Corynebacterium diphtheriae: A rare case of infective endocarditis.	Ardra M*, Valsan C, Sathiavathy KA.	2020	Indian Journal of Case Reports. 2020 Jul 25:413- 5	Asst Prof, Dept of Microbiology
56.	Zone 2 Extensor Tendon Gap Reconstruction: A Case Report.	Korambayil PM.	2020	Asian Journal of Case Reports in Surgery. 2020 Sep 16:6-9	Asst Prof & Head, Dept of Plastic Surgery
57.	Survival following intentional succinylcholine injection for self-harm.	Kunhahamed MO, Thomas VK, Abraham SV*, Palatty BU, Kallivalappil SC.	2020	Turk J Emerg Med 2020;20:193-5	Asst. Prof, Dept of Emergency Medicine
58.	Hypophysitis: A Rare Cause of Impaired Consciousness in a Middle-Aged Woman.	Baby N, Varghese P*, Kunnathuparambil SG, Kuriakose AM.	2020	Neurol India 2020;68:1214-6	Assoc Prof, Dept of Neurology
59.	COVID-19 an atypical presentation.	Baby UR*, Adiody S, George S, Thomas R, Valsan C.	2020	Int J Res Med Sci 2020;8:4138- 9	Assoc Prof, Dept of Pulmonology

60.	Hematotoxic Snakebite Victim with Trauma: The Role of Guided Transfusion, Rotational Thromboelastometry, and Tranexamic Acid.	Abraham SV*, Hakkeem B, Mathew D, Rafi AM, Poomali A, Thomas J, Kassyap CK.	2020	Wilderness & Environmental Medicine. 2020 Nov 6	Asst Prof, Dept of Emergency Medicine
61.	Afibrinogenemia Diagnosed During Pregnancy Successfully Managed with Targeted Cryoprecipitate Transfusion: A Case Report.	Shajan A, George N*, Gilvaz S, Abraham SV.	2020	The Journal of Obstetrics and Gynecology of India. 2020 Nov 17:1-6	Assoc Pof, Dept of OBG
62.	Pancreatitis Secondary to Primary Hyperparathyroidism Complicating Pregnancy.	Jithin Jagan Sebastian, Alfie J*.Kavalakat, Sunil K. Menon et.al.	2020	Asian Journal of Case Reports in Surgery, 2020;5(4): 46-51	Prof, Dept of Surgery
63.	Eosinophilic gastroenteritis: A case report of a rare disease mimicking acute abdomen.	George AJ, Mathew A, Abraham SV*, Joseph TK, Augustin S, Aneesh MK.	2020	Indian Journal of Case Reports. 2020 Dec 30:694-6.	Asst. Prof, Dept of Emergency Medicine
64.	Laryngeal Edema, Metabolic Acidosis, and Acute Kidney Injury Associated with Large- Volume Kohrsolin TH® Ingestion.	Hakkeem B, Abraham SV*, Kandiyil KC, Silverberg M, et. al	2020	J Emerg Med. 2020 Dec;59(6):900- 905	Asst. Prof, Dept of Emergency Medicine
65.	Multidisciplinary Consensus Document on the Management of Uncontrolled Hypertension in India.	Padmanabhan R, Singh RG, Unni G*, Desai B, Hiremath SK, et. al.	2020	High Blood Pressure & Cardiovascular Prevention. 2020 Jun;27(3):215-23	Prof & Head, Dept of Cardiology
66.	Current Therapeutic Options For Coronavirus Disease-2019 – A Pharmacological Review.	Sasmi MB*, Maria Jose, Praveenlal Kuttichira.	2020	Asian J Pharm Clin Res, 13 (8), 2020, 42-50	Asst Prof, Dept of Pharmacology
67.	Impact of COVID-19 on the cardiovascular system: A review of available reports.	Soumya RS, Unni TG*, Raghu KG.	2020	Cardiovascular Drugs and Therapy. 2020 Sep 14:1-5.	Prof & Head, Dept of Cardiology
68.	Balancing neurotrophin pathway and sortilin function: Its role in human disease.	Al-Yozbaki M, Acha-Sagredo A, George A*, Liloglou T, Wilson CM.	2020	Biochimica et Biophysica Acta (BBA)-Reviews on Cancer. 2020 Sep 18:188429	Scientist, JCMR
1		1	1	International	

70.	The undiscovered potential of essential oils for treating SARS-CoV-2 (COVID- 19)	Peter J. Wilkin, Minnatallah Al- Yozbaki, Alex George*, et. al	2020	Current Pharmaceutical Design (2020) 26: 1	Scientist, JCMR
71.	Toxic epidermal necrolysis and coronavirus disease 2019: A rare association.	Pudukadan D*, John B.	2020	Journal of Skin and Sexually Transmitted Diseases. 2021 Oct 14;3(2):184- 7	Prof , Dept of Dermatology
72.	Atrial Fibrillation in Hypertrophic Cardiomyopathy.	Unni TG.	2020	Kerala Journal Of Cardiology, 2020;4(1)42-45.	Prof & Head, Dept of Cardiology
73.	National guidelines for media reporting of suicide.	Ramadas S, Kuttichira P*, Andrade C.	2021	Indian J Psychiatry 2020;62:444-5	Prof, dept of Psychiatry
74.	. Celebrity suicide—A cause for media celebration? Analysis of three newspaper reports.	Ramadas S, Kuttichira P*	2021	Indian J Psychol Med. 2020;42: 1–2	Prof, dept of Psychiatry
75.	Commentary: Teleophthalmology and electronic medical records: Weighing the pros and cons of unavoidable progress.	Akkara JD, Kuriakose A*.	2021	Indian J Ophthalmol 2020;68:367-8	JR, Dept of Ophthamology
76.	Commentary: Artificial intelligence for everything: Can we trust it?.	Akkara JD, Kuriakose A.	2021	Indian Journal of Ophthalmology. 2020 Jul 1;68(7):1346	JR, Dept of Ophthamology
77.	Health Needs of Migrant Workers in Kerala during COVID-19 Pandemic and Associated Medical Observations.	Nimisha Soloman, P R Varghese* and Praveenlal Kuttichira	2020	IAR J Med Sci, 1(7); 328-331	Scientist, JCMR
78.	An overview of trends in Communication: teaching, learning and research.	Hancy Varghese P, Mridula Vellore*.	2020	International Journal of Research and Analytical Reviews 2020; 7(4): 958-960.	Research Asst, JCMR
79.	Tribute to Hirji Sorab Adenwalla–A Unique Medical Missionary.	Narayanan PV.	2020	Indian Journal of Plastic Surgery: Official Publication of the Association of Plastic Surgeons of India. 2020 Aug;53(2):171	Prof & Head, Charels Pintu

80.	Dr. HS Adenwalla: The man, the mission.	Narayanan PV.	2020	Journal of Cleft Lip Palate and Craniofacial Anomalies. 2020 Jul 1;7(2):69	Prof & Head, Charels Pintu
81.	Biomarker Signatures to Monitor Alcohol Consumption and Induced Organ Damage.	Liji J M, Varghese PR*, Susheela J I, Kuttichira P.	2021	Journal of Clinical and Diagnostic Research. 2021 Feb, Vol-15(2): LE01-LE05	Scientist, JCMR
82.	Molecular mechanism of heavy metals (Lead, Chromium, Arsenic, Mercury, Nickel and Cadmium) induced hepatotoxicity—A review.	Renu K, Chakraborty R, Haritha M,, George A*, Abilash VG.	2021	Chemosphere. 2021 Jan 30:129735	Scientist, JCMR
83.	COVID-19 Essentials: Preparing Health Care Professionals before the Pandemic Spread in Kerala.	Chithra Valsan*, Ronnie Thomas, Joshi Paul Chirayath, Varghese PR, Praveenlal Kuttichira.	2021	Indian Journal of Public Health Research & Development, Jan-March 2021, 12(1): 47-51.	Prof & Head, Dept of Microbiology
84.	Lateral collateral ligament and anterolateral ligament of the knee–A morphological analysis with orthopedic significance.	Shetty A, Prabhath S, Alappatt K*, Lalu K, Bhat N, Sumalatha S.	2021	The Knee. 2021 Jan;28:202-6	Asst. Prof, Dept of Ortho
85.	Comparing a deep learning model's diagnostic performance to that of radiologists to detect Covid -19 features on chest radiographs.	Krishnamoorthy S, Ramakrishnan S, Colaco LB, Dias A, Gopi IK*, Gowda GA, et al.	2021	Indian J Radiol Imaging 2021;31:S53-60	Scientist, JCMR
86.	Cultural adaptation of Alzheimer's disease assessment scale—cognitive subscale for use in India and validation of the Tamil version for South Indian population.	Lakshminarayanan M, Vaitheswaran S, Srinivasan N, Nagarajan G, Ganesh A, Shaji KS*, et.al.	2021	Aging & Mental Health. 2021 Jan 13:1-8	Prof, Dept of Psychiatry
87.	Awareness of Medico Legal Aspects of Clinical Practise and Common Medico Legal Issues among Medical Graduates.	Padmakumar [*] , Paleakkara A	2021	Indian Journal of Forensic Medicine & Toxicology. 2021 Jan 1;15(1).	Prof, Dept of Forensic Medicine

88.	Anti-Inflammatory Activity of Oxycarotenoid Extracts Isolated from Coriander Leaves (Coriandrum Sativum) and Curry Leaves (Murraya koenigii) on Carrageenan Induced Acute Inflammation in Rats.	Anusha A, Sherena P, Annamala P*, Mukkadan J	2021	Journal of Clinical & Diagnostic Research. 2021 Jan 1;15(1)	Prof & Head, Dept of Biochemistry
89.	Study On The Optic Nerve Variations in Relation to Posterior Paranasal Sinuses Using CT in Tertiary Care Centre.	Bavin IB, Nair MB*, Aneesh MK, George DA.	2021	International Journal of Medical Science And Diagnosis Research. 2021 Feb 9;5(2).	Prof & Head, Dept of Radiodiagnosis
90.	A study on the proportion of hearing impairment among percussionists in Thrissur district of Kerala.	Jubina BAT*, Sarangi, Roy S, Mathew SS, Shamseena A, Smrithi K, Unnikrishnan UG.	2021	Int J Res Med Sci 2021;9:816- 20.	Asst Prof, Dept of Community medicine
91.	Correlation of Whole Body Fat and Visceral Fat on the Patients Suffering Lower Back Pain with Lumbar Disc Degenerative Diseases-A Pilot Study.	Sreeja CK, Devi VM, Sreekanth KS, Aneesh MK*.	2021	Annals of the Romanian Society for Cell Biology. 2021 Mar 15:3631-9.	Asst Prof, Dept of Radiology
92.	Relation of grades of hyponatremia on severity of bronchiolitis.	Ninan NG, Kumar S*	2021	International Journal of Medical Science And Diagnosis Research. 2021 Mar 26;5(3).	Prof, Dept of Pediatrics
93.	Gender difference in age at onset of schizophrenia among inpatients: a descriptive cross- sectional clinical study.	Joseph M, Valsan N*, Kunjubava SB.	2021	Int J Res Med Sci 2021;9:1097- 101.	Prof, Dept of Psychiatry
94.	Evaluation of Accuracy of Saline Infusion Sonohysterography with Endometrial Pathology in Patients with Postmenopausal Bleeding.	Nejitha. A, Saley Daniel*, Aneesh MK.	2021	International Journal of Science and Research. 2021 feb, 10(2): 1052-58.	Prof, Dept of OBG
95.	Prevalence and Related Risk Factors of Osteoporosis and Osteopenia among Peri and Post Menopausal Women.	Remya Mohanan., Neetha George [*] , Sareena Gilvaz, Soumya Mohanan.	2021	International Journal of Science and Research. 2021 feb, 10(2): 808- 813.	Assoc Prof, Dept of OBG

96.	A study on respiratory complications and its outcome in acute pancreatitis.	Abhijith Valsalan, Alfie J Kavalakat [*] , Gowri Gopal, John Thomas P, Rashifa Vakiyath, Suresh M V.	2021	International Journal of Medical Science and Diagnosis Research. 2021March, 5(3): 53-59.	Prof, Dept of Surgery
97.	Multilocus Sequence Typing of Clinical Isolates of Cryptococcus from India.	Xess I, Pandey MValsan C* et.al.	2021	Mycopathologia. 2021 Jan 20:1-3	Prof & Head, Dept of Microbiology
98.	Participants' perception of the AIIMS Trauma Assessment and Management (ATAM) course for management of polytrauma: A multi-institutional experience from India.	Babu BV, Vishwanathan K, Ramesh AC, Gupta A, Tiwari S, Palatty BU*, et.al	2021	Journal of Clinical Orthopaedics and Trauma. 2021 Jan 1;12(1):130- 7.	Prof & Head, Dept of Emergency Medicine
99.	Door to balloon time in patients presenting with acute ST elevation myocardial infarction and time factors influencing it; an observational study from a tertiary care teaching hospital in India.	Krishnan V, Ravi M, Abraham SV [*] , Palatty BU, Balakrishnan JM.	2021	Indian Heart Journal. 2021 Feb 17.	Asst Prof, dept of Emergency Medicine
100	Retrospective analysis of the clinical and radiological profile of few cases of synovial osteochondromatosis with a literature review.	Zacharia B, Inassi J, Paulose S*.	2021	European Journal of Rheumatology. 2021 Jan;8(1):40.	Asst. Prof, Dept of Orthopedics
101	A rare case of hypertrophic lichen planus caused by ingestion of ink.	James V*, Vellore M.	2021	Int J Res Med Sci 2021;9:1216- 8.	Prof, Dept of Dermatology
102	Successful Pregnancy in a Patient With Recurrent Pregnancy Loss Due to Afibrinogenemia Managed With Cryoprecipitate Prophylaxis in a Resource- limited Setting.	Sasidharan A, Rafi AM*, Bhaskaran R, Baiju NM, Innah SJ.	2021	Mal J Med Health Sci 17(2): 308-310, April 2021	Asst. Prof, Dept of Transfusion medicine
103	The Curious Case of the "Neurotoxic Skink": Scientific Literature Points to the Absence of Venom in Scincidae.	Sunagar K, Abraham SV*.	2021	Toxins. 2021 Feb;13(2):114.	Asst Prof, Dept of Emergency Medicine
104	Clinical and epidemiological spectrum of coronavirus disease 2019 in Central Kerala: a retrospective case series.	Thomas R*, John BM, Koothapally JT, Kumar S, et.al.	2021	Int J Community Med Public Health 2021;8:1503-7	Asst. Prof, Dept of Emergency Medicine