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Research studies related to the COVID 19 pandemic

| S. No | PI | Department | Study title | IRB approval status |
|---------------------------|-----------------------------------|-----------------------------|--|---------------------|
| HEALTHCARE WORKERS | | | | |
| 1 | Dr. Binila Chacko | Medical Intensive Care Unit | Serological evidence of exposure to SARS-CoV-2 among healthcare workers caring for critically ill patients admitted to intensive care with Severe Acute Respiratory Infection (SARI) | Approved |
| 2 | Dr. Sujith J Chandy | Clinical Pharmacology | ICMR-RUMC COVID-19 study on assessment of Prophylaxis in Health Care Providers | Approved |
| 3 | Dr. KPP Abhilash | Emergency Medicine | Risk of COVID-19 for frontline health care workers during the current pandemic | Approved |
| 4 | Drs. Indhu Ragavi A, Mariam Jacob | Emergency Medicine | Violence against health care workers in the emergency department during the COVID 19 pandemic | Approved |



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|---|---------------------------------------|----------------------------|---|----------|
| 5 | Dr K P P Abhilash | Emergency Medicine | Psychological impact on healthcare workers during COVID 19 pandemic | Approved |
| 6 | Dr. Mahesh Moorthy & Binila Chacko | Virology | Sero-epidemiological and immunological profiles of SARS-CoV-2 infection in a longitudinal cohort of health care workers at a tertiary care hospital during the COVID-19 pandemic | Approved |
| 7 | Dr. Sri vidya, Dr. Ann Mary Augustine | ENT (Otorhinolaryngology), | The effect of use of personal protective equipment on speech understanding in health care workers with normal hearing. | Approved |
| 8 | Dr. Naveen Kumar Suda | Anaesthesia | Aerosol generating procedures, how best are we using available personal protective equipment's during COVID pandemic? A Prospective observational study among anesthesiologists in a tertiary care center in south India. | Approved |
| 9 | Dr. Barney Issac | Pulmonary Medicine | To study the clinical profile, risk factors and outcome of COVID19 among health care personnel in a tertiary care hospital in South India | Approved |



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| 10 | Dr. Jyoti Avula | Anaesthesia | Knowledge, Attitude, Practices towards the use of Personal protective equipment (PPE) and its Psychological impact among Indian Anaesthesiologists during COVID19 Pandemic : A Questionnaire based multicentre survey in India. | Approved |
| 11 | Dr. Jerry Joseph | Anaesthesia | Prevalence, factors associated with anxiety, depression and stress and coping strategies among the anesthesia care providers in a tertiary care hospital in India during the COVID-19 pandemic. | Approved |
| 12 | Dr. Priscilla Rupali | HICC | Perceptions of healthcare workers regarding local infection prevention and control procedures for COVID-19: a rapid WHO survey | Approved |
| 13 | Dr. Leah Raju George | Anaesthesia | Use of simulation to help reduce contamination during intubation and extubation by ensuring adherence to institutional protocols amongst anaesthesia residents and technicians; in COVID times: A prospective cohort study. | Approved |
| 14 | Dr. Winsley Rose | Paediatrics | Contact tracing assessment of Health Care Workers to assess COVID 19 transmission dynamics | Approved |



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| 15 | Dr. Prasad Mathews | HICC | Can we use Sero-surveillance of SARS-CoV-2 infection as a protective correlate of health care worker safety? | Approved |
| 16 | Dr. P.Aparanjit Paul | Anaesthesia | A Cross sectional Observational study to assess the knowledge about Corona virus and the safety measures to be taken during pandemic among Non Medical Health workers working in a Tertiary Hospital in Southern India.-A Questionnaire based Survey. | Approved |
| 17 | Dr Shonima Aynipully Viswanathan | Child And Adolescent Psychiatry | Prevalence of burn out among health care workers During COVID--□19 pandemic –a cross Sectional online survey | Approved |
| 18 | Dr. Swetha Madhuri Chikkala | Child And Adolescent Psychiatry | Knowledge attitude and practices among health care workers with infants, toddlers and children less than 6 years during the COVID 19 pandemic -an online study | Approved |
| 19 | Dr Ajith John George | Surgery | Effect of a Self Portrait placed on full PPE on patients and healthcare workers during the COVID19 pandemic | Approved |



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| 20 | Dr. Kowshik J | Emergency Medicine | To assess the breach in PPE (Personal Protective Equipment) during cardiac arrest resuscitation and outcome during the present COVID-19 pandemic in the Emergency Department | Approved |
| 21 | Mrs. Sophia Vijayanathan | Medical Nursing College of Nursing | Psychological impact of COVID 19 pandemic on nursing personnel involved in caring for patients with COVID 19 in Tertiary care hospital, South India | Approved |
| 22 | Dr.Divya Deodhar | Transfusion Medicine, Infectious Diseases, Pharmacology, Infectious Diseases, Med 3, Hospital operations. | Knowledge and attitude towards Covid -19 vaccination among healthcare professional: A survey. | Approved |
| PATIENTS/COMMUNITY- OBSERVATIONAL | | | | |
| 23 | Dr. Anna Valsan | Nephrology | A mixed methods approach to understand the impact of government mandated lockdown to combat the spread of severe acute respiratory syndrome coronavirus 2 (SARS – CoV-2) infection on the lives of patients with chronic kidney disease requiring maintenance haemodialysis at a dialysis facility in South India" | Approved |



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| 24 | Dr. Binila Chacko | Medical Intensive Care Unit | Clinical profile and outcomes of patients admitted to the medical intensive care unit (MICU) with SARS-CoV-2 infection" | Approved |
| 25 | Dr. Lovely Thomas | MICU | Diagnostic yield of respiratory tract samples in invasively ventilated critically ill patients with SARS-CoV2 infection- an observational study | Approved |
| 26 | Dr. Kishore Pichamuthu | Critical Care | Cardiac manifestations in COVID-19 patients requiring hospitalization | Approved |
| 27 | Dr. KPP Abhilash | Emergency Medicine | A Clinico-epidemiological profile and outcome of Influenza like illnesses (ILI) presenting to the Emergency department during the COVID-19 pandemic | Approved |
| 28 | Dr. Biju George | Haematology | Clinical profile and outcomes of COVID 19 infection in patients with hematological disorders | Approved |



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| 29 | Dr. Deepthi Boddu | Pediatrics unit I | Understanding the biochemical and immunological correlates of severity and outcomes of COVID-19 in children with cancer undergoing chemotherapy | Approved |
| 30 | Dr. Atif I. A. Shaikh | Neurology | Artificial Intelligence to predict severe Covid-19. | Approved |
| 31 | Dr. Santhosh Varughese | Nephrology | Clinical Evaluation and follow up of renal outcomes in patients with SARS- CoV-2 viral infection and acute kidney injury or end stage kidney disease | Approved |
| 32 | Dr. Rita Isaac, Prof. David Weller | RUHSA, University of Edinburgh | Trends in COVID19 epidemic and Impact study | Approved |
| 33 | Dr. Leni G Mathew | Pediatrics | Comparison of clinical profile, outcome and peripheral blood cell population data in children with COVID and non-COVID acute severe respiratory infection | Approved |



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| 34 | Dr. Karthik Gunasekaran | Medicine | Gastrointestinal infection of SARS – CoV2 and its role in disease severity and community transmission. | Approved |
| 35 | Dr. Snehil Kumar | Transfusion Medicine and Immunohaematology | Association of HLA typing and ABO Blood group to SARS-CoV-2 infection and its correlation to disease pattern and clinical severity – a single centre study from South India | Approved |
| 36 | Dr. Sushil Selvarajan | Clinical Haematology | Correlating Haematological and Immunological Profile with outcomes and viral load in SARS CoV2 infection | Approved |
| 37 | Dr K P P Abhilash | Emergency Medicine | The impact of lockdown on pre-hospital transport of patients with Emergencies presenting to the Emergency department | Approved |
| 38 | Dr. Rohin Mittal | Surgery 2 | Outcomes of surgery in COVID-19 infection: international cohort study | Approved |
| 39 | Dr. Rohin Mittal | Surgery 2 | Outcomes of elective cancer surgery during the COVID-19 pandemic crisis: an international, multicentre, observational cohort study | Approved |



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| 40 | Dr. Joy Mammen | Department of Transfusion Medicine | A Phase II, Open Label, Randomized Controlled Trial to Assess the Safety and Efficacy of Convalescent Plasma to Limit COVID-19 Associated Complications in Moderate Disease. | Approved |
| 41 | Dr. OC Abraham | General Medicine-4 | An international randomized trial of additional treatments for COVID-19 in hospitalized patients who are all receiving the local standard of care | Approved |
| 42 | Dr. D J Christopher | Pulmonary Medicine | Profiling systemic inflammatory, homeostatic, and dual-action chemokine-cytokine signature among clinical sub-groups of Indian COVID-19 patients to identify plausible prognostic markers | Approved |
| 43 | Dr. Abu Philip Varghese | Psychiatry | Psychological impact on patients with mental illness and their caregivers during the COVID-19 pandemic | Approved |



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| 44 | Dr. Balamugesh | Pulmonary Medicine | To study the clinical profile and outcome of COVID19 in patients with chronic respiratory disease in a tertiary care hospital in South India | Approved |
| 45 | Dr. Valsan Philip Verghese | Paediatrics Unit-III. | Co-infection with SARS-CoV-2 and other respiratory viruses in children with pneumonia and severe respiratory infection. | Approved |
| 46 | Dr. Ashvini. V, Dr. Muthukrishnan. V, Dr. Satya Raj, | Child and Adolescent Psychiatry unit | Psychological impact of COVID-19 (Coronavirus disease-2019) pandemic in children and the effectiveness of Psychoeducational module in helping cope with mental health issues during COVID-19 pandemic in children – a preliminary quasi-experimental study | Approved |
| 47 | Dr. Sahana Nagaraj, Dr Karegaonkar Abhijeet Mukund, Dr Satya Raj | Child and Adolescent Psychiatry | Psychological impact of COVID-19 (Coronavirus disease- 2019) pandemic in children and the effectiveness of an internet-based Psychoeducation module in helping cope with mental health issues during COVID-19 pandemic in children – a quasi-experimental preliminary study. | Approved |



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| 48 | Dr. KPP Abhilash | Emergency Department | Impact of the COVID 19 lockdown on the spectrum and outcome of trauma victims presenting to the Emergency department | Approved |
| 49 | Dr. Mohan kamath | Reproductive Medicine | Knowledge, anxiety level and attitude of infertile couple towards COVID-19 infection and its impact on fertility treatment: a questionnaire based study. | Approved |
| 50 | Dr. Amita Jacob | Medicine 4 | Knowledge, Attitudes and practice to COVID 19 infection among patients in a general medicine OPD | Approved |
| 51 | Dr. John Mathew | Clinical Immunology and Rheumatology | Impact of COVID 19 Pandemic on Patients with Chronic Rheumatological Disorders - An Online and onsite Survey of Patient Experience during the lockdown | Approved |
| 52 | Dr.Suranjan Bhattacharji | Physical Medicine and Rehabilitation, Endocrinology, Orthopaedics St Stephens hospital | Whose life matters? Challenges, Barriers and Impact of Covid 19 Pandemic on Persons with Disability (PwDs) and their care givers | Approved |



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| 53 | Dr. Mudasir Farooq, Dr. Chandrasingh J, | Urology | Telemedicine for follow up of paediatric Urology patients during COVID 19 Pandemic in the India scenario: Professional and patient satisfaction, A questionnaires based cross sectional study in a tertiary care hospital in south India. | Approved |
| 54 | Dr. John Jose | Cardiology | (RETRO)Trends in the epidemiology and management of acute coronary syndromes during initial phase of COVID-19 pandemic between 9th March and 17th May, 2020 | Approved |
| 55 | Ms. Sheena Mary | Paediatric | Stress and psychological distress among children and adolescents on cancer treatment during COVID-19 pandemic | Approved |
| 56 | Dr. Anuradha Rose | Community Health | Effect of lockdown due to COVID 19 on Alcohol use and abuse in a tribal and rural setting. | Approved |
| 57 | Dr. Albert Abhinay Kota | Vascular Surgery | The Vascular Surgery COVID-19 Collaborative (VASCC) | Approved |
| 58 | Dr. Abhijit Goyal Honavar | Neurosurgery | A prospective study on the evaluation of postoperative fever in Neurosurgical patients in the COVID era | Approved |



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| 59 | Dr. Jeethu Joseph Eapen | Nephrology | An observational study to determine the impact of governmental mandated lockdown to combat the spread of severe acute respiratory syndrome coronavirus 2 (SARS - CoV-2) on the lives on renal transplant recipients. | Approved |
| 60 | Dr. Albert Abhinay Kota | Vascular Surgery | Prospective Validation of a Probability Calculation for Venous Thrombosis in Patients with COVID-19 Infection | Approved |
| 61 | Dr Ajith John George | General Surgery | Incidence of SARS COV 2 in blood, peritoneum and feces of nasopharyngeal RT PCR positive patients undergoing surgery | Approved |
| 62 | Dr. Sabina yusuf | Nephrology | Prospective study of COVID-19 in patients with renal biopsy proven immune mediated kidney diseases. | Approved |
| 63 | Dr. Rohit Nina Benjamin | Neurology | SARS- CoV2 infection in neurological disorders related to immune etiology. | Approved |
| 64 | Dr. DJ Christopher | Pulmonary Medicine | Lung function impairment and injury post COVID 19 infection | Approved |
| 65 | Dr. Priyanka Daniel | Anatomy | Evaluation of Emergency remote learning for first year MBBS Neuroanatomy teaching during the COVID-19 lockdown. | Approved |



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| 66 | Dr. Rohan Michael Ramesh | Division of Gastrointestinal Sciences | COVID-19 Community Awareness and Impact Study | Approved |
| 67 | Dr Srinivasan.P | Emergency Medicine | Profile of patients with deliberate self-harm presenting to Emergency Department in a tertiary care centre during COVID-19 pandemic | Approved |
| 68 | Dr. Audrin Lenin | Medicine 3 | COVID-19 infection in pregnancy | Approved |
| 69 | Mr. Pavan Kumar Mukherjee | Low Cost Effective Care Unit | Socio – economic impact and health-seeking behaviour during lockdown due to COVID 19 on the urban poor population of Vellore, Tamil Nadu, India. | Approved |
| 70 | Dr. Roshini | Paediatrics | Impact of COVID 19 pandemic related lockdown on adolescent health. | Approved |
| 71 | Dr. Jeyashanth Riju J | Head & Neck Surgery | Impact of COVID -19 and lockdown on presentation and management of oral cancer in a tertiary care hospital. | Approved |
| 72 | Dr. Vinod Abraham | Community Medicine | Effect of BCG Vaccination on COVID19 Pneumonia in High risk Subjects: A Randomized Control Trial | Approved |



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| 73 | Dr. Vineeth Varghese Thomas | Medicine | Quantifying the degree of reticulo-endothelial cell activation and its prognostic significance in COVID-19 patients with different stages of disease severity. | Approved |
| 74 | Dr. Barney Isaac | Pulmonary Medicine | Prevalence and risk factors of COVID-19 among non-ILI patients, screened for other indications in a tertiary care hospital in South India. | Approved |
| 75 | Dr. DJ Christopher | Pulmonary Medicine | To correlate chest imaging scores in patients with COVID19 with disease severity and outcome | Approved |
| 76 | Dr. KPP Abhilash | Emergency Medicine | Changing pattern of the prevalence and mode of trauma in 2020 through the Covid pandemic | Approved |
| 77 | Dr. Priscilla Rupali | Infectious Disease | Development & Implementation of a Biomarker-based Remotely-delivered Antimicrobial Stewardship (AMS) Strategy during the COVID-19 Pandemic | Approved |
| 78 | Dr. Sudipata Dhar Chowdhury | Gastroentreology | Indications and outcomes of Urgent / Emergency Endoscopy Procedures in Tertiary Care Academic Centers during nationwide lockdown to combat Covid Pandemic – Multicenter retrospective study. | Approved |



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| 79 | Dr. George M Varghese | Infectious Disease | Seroprevalence of COVID -19 and its correlation with prior human coronavirus infection among different subpopulations in India. | Approved |
| 80 | Dr. Rajeev Zachariah Kompithra | Well Baby Immunization Clinic | Parental attitudes about continuing routine immunization during the coronavirus pandemic. | Approved |
| 81 | Dr. Jeba Karunya Ramireddy | Radiation oncology | Feasibility of Accelerated fractionation of Definitive Radiotherapy in patients with Carcinoma Cervix – An adaptation to COVID 19 pandemic | Approved |
| 82 | Dr. K.P.Kiruthika | Pharmacology | To Study the Pharmacokinetic Drug Exposure of Colchicine When Used for the Prophylaxis against SARS-CoV-2 Infection in Patients on Hemodialysis. | Approved |
| 83 | Dr. Priscilla Rupali | Infectious Disease | Epidemiological investigation of COVID 19 outbreak in Vellore district using geographic information system (GIS) | Approved |
| 84 | Dr. Arul Premanand Lionel B | Infectious Disease | Clinical utility of SARS-COV-2 antibody detection in the diagnosis of COVID 19 infection in children | Approved |
| 85 | Dr. Winsley Rose | Paediatrics | A cohort study to study SARS-Cov-2 (Severe Acute Respiratory Syndrome Corona Virus), Dengue and Chikungunya in India | Approved |



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| 86 | Ms. Vinodha Sherin J | Developmental Pediatrics | Occupational performance of children with developmental disabilities and challenges of their parents during the pandemic of COVID19 | Approved |
| 87 | Dr. Prashanth Chalageri | PMR | Knowledge, attitude & practices (KAP) regarding Covid-19 in rehabilitated SCI patients, its impact and acceptance level in the SCI community for tele consultation for health needs – A prospective questionnaire based cross sectional study. | Approved |
| 88 | Dr Tulasi Geevar | Transfusion Medicine and Immunohematology | To study the role of circulating endothelial microparticles and Von Willebrand antigen in patients with COVID 19 infection. | Approved |
| 89 | Dr. Rutvi Gautam Dave | Transfusion Medicine and Immunohematology | A study to assess differences in COAT platelets and P-selectin levels in COVID-19 positive patients in comparison with non-COVID-19 patients and health controls. | Approved |
| 90 | Dr. Rohin Mittal | Surgery 2 | GlobalSurg-CovidSurg Week: Determining the optimal timing for surgery following SARS-CoV-2 infection | Approved |
| 91 | Dr. Ramya Iyadurai | Medicine | Assessment of the diagnostic test accuracy of a proposed clinical scoring system for the diagnosis of COVID 19. | Approved |



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| 92 | Dr. Yogendra Singh | Child and Adolescent Psychiatry | Attitudes towards video consultation for telepsychiatry services among psychiatrists, patients, and caregivers during the COVID-19 pandemic: an observational study. | Approved |
| 93 | Mr. Nikhil Sahai | Department of GI Sciences | Tuberculosis treatment interruption and its determinants during the covid-19 lockdown in South India. | Approved |
| 94 | Dr. Neeraj George Paul | Emergency Medicine | Impact of COVID -19 pandemic on the outcome of trauma victims presenting to Emergency Department (ED) as compared to pre- COVID period of 2018. | Approved |
| 95 | Dr. Thejus Varghese | Emergency Medicine | Etiology of Acute Undifferentiated Febrile Illness Presenting to the Emergency Medicine department during the SARS-COVID19 pandemic. | Approved |
| 96 | Dr Santhosh N | Urology | Inpatient consults in Urology: An analysis of patterns and changes due to COVID-19 pandemic | Approved |
| 97 | Dr. KPP Abhilash | Emergency Medicine | Spectrum of deliberate self-harm presenting to the ED during the COVID-19 pandemic. | Approved |



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| 98 | Dr. Ankush Gupta | Neurosurgery 1 | Adapting management strategies for sellar-suprasellar lesions during the COVID-19 pandemic | Approved |
| 99 | Mr. Heber Rew Bright B | Pharmacy | Information seeking behaviour due to COVID-19 pandemic-induced health anxiety among the general population in India | Approved |
| 100 | Dr. Abraham Speedie | Cardiology Biostatistics Medicine | COVID-19 and cardiac arrhythmias. | Approved |
| 101 | Dr. P. Madhan Kumar | Paediatric Units 1, 2, 3 | Assessment of long term respiratory sequelae in children who had infection with COVID 19 virus. | Approved |
| 102 | Dr. Jolly Chandran | Pediatric ICU Transfusion medicine and immunohaematology Pediatric Infectious Diseases & Child Health Unit 3 Child Health unit 1 | Clinical spectrum, significance of D dimer levels and outcome of Children with SARS COV2 infection admitted to a tertiary PICU. | Approved |
| 103 | Dr. Manoj Job | Critical Care Hematology Transfusion medicine And Immunohematology General Medicine | Exploring the role of hemostatic pathway in patients with severe SARS CoV-2 infection – A prospective proof of concept study. | Approved |



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| | | Infectious Disease Pulmonary Medicine Respiratory medicine Biostatistics | | |
| 104 | Dr. Karthik G | General Medicine Infectious Disease Critical Care Emergency Medicine Biostatistics Clinical Virology HICC Pulmonary Medicine Respiratory Medicine Geriatric Medicine Critical Care Medicine | Clinical profile and outcomes of patients admitted with SARS-CoV-2 infection to a tertiary care center in South India | Approved |
| 105 | Dr Sajitha MF Rahman | | Early symptoms of patients with laboratory-confirmed diagnosis of Covid -19 in Family Medicine Centres in Vellore - A Retrospective Study | Approved |
| 106 | Dr. Shreya Susan Koshy | Pediatric Emergency Child Health Unit 3 | Outcome of children presenting to Pediatric Emergency Service (PES) who were triaged as suspected COVID 19 infection (as per Triage criteria) and contact tracing of children who are tested positive for COVID 19 - a study from a tertiary health care center in South India | Approved |



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| 107 | Dr Priscilla Rupali | neurology Accident & Emergency Critical care clinical Virology Pulmonary Medicine Neurology Neurology Infectious Diseases | Neurological Disease: A Multi-Centre Prospective Case-Control Study | Approved |
| 108 | Dr. Sumit Singh | General Surgery Unit-III and Upper Gastrointestinal Surgery | Impact of COVID-19 Pandemic on Upper GI cancer patients – experience from an Upper GI oncosurgical unit | Approved |
| 109 | Dr. Ajith Sivadasan | Neurology | Myasthenia gravis: disease course and exacerbations during the Covid pandemic and lockdown. | Approved |
| 110 | Dr. Arul Premanand Lionel B | Paediatrics Clinical Virology Biostatics | Gastrointestinal and hepatic manifestations in children with novel corona virus infection. | Approved |
| 111 | Dr. Abraham Speedie | Cardiology Biostatistics Medicine | COVID-19 and cardiac arrhythmias. | Approved |



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| 112 | Dr. P. Madhan Kumar | Paediatric Units 1, 2, 3 | Assessment of long term respiratory sequelae in children who had infection with COVID 19 virus. | Approved |
| 113 | Dr. Jolly Chandran | Pediatric ICU Transfusion medicine and immunohaematology Pediatric Infectious Diseases & Child Health Unit 3 Child Health unit 1 | Clinical spectrum, significance of D dimer levels and outcome of Children with SARS COV2 infection admitted to a tertiary PICU. | Approved |
| 114 | Dr. Manoj Job | Critical Care Hematology Transfusion medicine And Immunohematology General Medicine Infectious Disease Pulmonary Medicine Respiratory medicine Biostatistics | Exploring the role of hemostatic pathway in patients with severe SARS CoV-2 infection – A prospective proof of concept study. | Approved |
| 115 | Dr. Karthik G | General Medicine Infectious Disease Critical Care Emergency Medicine Biostatistics Clinical Virology HICC | Clinical profile and outcomes of patients admitted with SARS-CoV-2 infection to a tertiary care center in South India | Approved |



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| | | Pulmonary Medicine Respiratory Medicine Geriatric Medicine Critical Care Medicine | | |
| 116 | Dr Sajitha MF Rahman | Family Medicine | Early symptoms of patients with laboratory-confirmed diagnosis of Covid -19 in Family Medicine Centres in Vellore - A Retrospective Study | Approved |
| 117 | Mrs. Sophia Vijayanathan | Medical Nursing College of Nursing | Psychological impact of COVID 19 pandemic on nursing personnel involved in caring for patients with COVID 19 in Tertiary care hospital, South India | Approved |
| 118 | Dr. Shreya Susan Koshy | Pediatric Emergency Child Health Unit 3 | Outcome of children presenting to Pediatric Emergency Service (PES) who were triaged as suspected COVID 19 infection (as per Triage criteria) and contact tracing of children who are tested positive for COVID 19 - a study from a tertiary health care center in South India | Approved |



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| 119 | Dr Priscilla Rupali | neurology Accident & Emergency Critical care clinical Virology Pulmonary Medicine Neurology Neurology Infectious Diseases | Neurological Disease: A Multi-Centre Prospective Case-Control Study | Approved |
| 120 | Dr. Sumit Singh | General Surgery Unit-III and Upper Gastrointestinal Surgery | Impact of COVID-19 Pandemic on Upper GI cancer patients – experience from an Upper GI oncosurgical unit | Approved |
| 121 | Dr. Ajith Sivadasan | Neurology | Myasthenia gravis: disease course and exacerbations during the Covid pandemic and lockdown. | Approved |
| 122 | Dr. Sivakumar PT | Psychiatry | A cross - sectional survey of experience of patients caregivers and psychiatrists utilizing Video telepsychiatry consultation during COVID-19 pandemic. | Approved |



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| 123 | Dr. George M Varghese | Infectious Diseases Medicine Emergency Medicine Pulmonary Medicine Respiratory Medicine Clinical Virology | Prognostication of Oxygen Requirement In non-severe SARS-CoV-2 infection. | Approved |
| 124 | Dr Suraj Surendran | General and Upper Gastrointestinal Surgery Community Medicine | Knowledge, attitude, and practice of general and gastrointestinal surgeons in India in the COVID-19 pandemic – A Questionnaire-based survey | Approved |
| 125 | Dr. Nalini Sarah Newbigging | Medicine unit 3 Medicine unit 2 Bio-statistics | Persistent symptoms and rate of hospital readmission up to 1 month after discharge from hospital following COVID 19 infection | Approved |
| 126 | Dr. Roshni Julia Rajan | Child Health Unit III Virology Well Baby Immunization Clinic Child Health Unit I | A longitudinal profile of antibodies in paediatric SARS –CoV 2 infection. | Approved |



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| 127 | Dr. Ebor Jacob James | Paediatric Critical Care Unit Clinical Virology Biostatistics | Multi-System Inflammatory Syndrome in Children (MIS-C) and non-MIS-C presentations in children with COVID-19 infection treated in the Pediatric Intensive Care Unit. | Approved |
| 128 | Dr. Priscilla Rupali | Infectious disease HIC & Clinical Microbiology Clinical Microbiology Medical ICU Medical Superintendent | Influence of COVID-19 pandemic in health care associated infection rates in the intensive care units of a tertiary care hospital. | Approved |
| 129 | Dr. Sidharth Totadri | Pediatric Hematology-Oncology Radiodiagnosis Clinical Virology | Management of children with cancer and COVID-19 infection: a unique balancing act. | Approved |
| 130 | Dr. Mayank Agarwal | Cardiology | Clinical profile of all acute coronary syndrome patients in the first two months of starting COVID screening for all emergency admission in the cardiology department of a tertiary care center in India. | Approved |
| 131 | Dr. Sreekar Devarakonda | Division of Critical Care Medicine | The incidence of new onset ARDS and outcomes of COVID-19 positive patients initially admitted to an intensive care unit for Non- Severe Acute Respiratory Illness (Non-SARI): A retrospective analysis. | Approved |



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| 132 | Dr. Alok Bansal | Gastroenterology | To study and compare the presentation and outcome of acute pancreatitis in patients with concomitant COVID-19 and those without COVID-19 between August 2020 to October 2020. | Approved |
| 133 | Dr. Rajeevan P S | General Surgery General Surgery and upper Gastrointestinal Surgery | Clinical profile and outcomes of skin and soft tissue infections in patients with COVID 19 presenting to a surgical department of a tertiary care centre. | Approved |
| 134 | Dr. Moses J | Dental and oral surgery | Protocols for clinical dental care during COVID-19 pandemic- Need of the hour: A retrospective study. | Approved |
| 135 | Dr. Lily Arun | Dental unit II | A comparative retrospective study on treatment outcome between “modified nonaerosol bracket bonding technique and conventional technique” – a covid 19 modification. | Approved |
| 136 | Dr. David Mathew Daniel | Medicine Unit 4 Medicine Unit 5 Medicine Unit 3 Medicine Unit 1 Clinical Biochemistry | Lifestyle determinants of severity of SARS-Covid 19 Infection. | Approved |



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| | | Physiotherapy and Rehabilitation Biostatistics | | |
| 137 | Dr. Shalini Nair; Dr. Mathew Joseph | Neurological Sciences | The impact of the COVID-19 lockdown period on emergency surgery for traumatic brain and spinal injuries: a multicentric international study. | Approved |
| 138 | Dr. Biju George | Haematology | COVID-19 infection with Hematological cancers registry of India | Approved |
| 139 | Dr Tarun K George | General Medicine – unit 1-5 | The Economic Impact of Covid-19 illness on families seeking care in a private care facility in India. | Approved |
| 140 | Dr. Anand Zachariah | General Medicine Hepatology Transfusion Medicine and Immunohaematology Pulmonary Medicine | Temporal profile of markers of endothelial injury and its correlation with oxygenation status in patients with COVID-19 – An exploratory study on the pathogenetic role of endothelial injury in COVID-19 associated lung dysfunction. | Approved |



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| | | Respiratory Medicine Infectious Medicine Critical Care Chitoor Campus | | |
| 141 | Dr. Chelsea Thanga Viola | Anaesthesia, Community Medicine | Preoperative anxiety among patients scheduled for elective surgical procedures during the COVID-19 pandemic; A cross sectional study in a tertiary care, teaching hospital in India. | Approved |
| 142 | Dr Anju Liya Thomas | Dermatology Unit 2 Medicine Respiratory Medicine Biostatistics | Dermatological findings in COVID-19 patients | Approved |
| 143 | Dr. Jacob John | Community Health Division of GI Sciences Infectious Diseases Child Health | Risk of COVID-19 re-infection and its predictors. | Approved |
| 144 | Dr. Parth Sharma | Surgical Intensive care Division of Critical Care Radiodiagnosis | A descriptive and analytical study on air leak syndromes associated with SARS COVID-19 patients. | Approved |



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| 145 | Dr. Moses Ruth-Sudha Christopher | Medicine | Prediction of severe illness and in hospital mortality by COVID in-patient risk calculator (CIRC), APACHE-2 and SOFA in patients admitted in SARI ward. | Approved |
| 146 | Dr. Sam Jenkins S | Anaesthesia Biostatistics | A retrospective audit on the post-operative outcomes of patients positive for COVID 19 in a tertiary health care centre in Vellore, India. | Approved |
| 147 | Dr. Priscilla Rupali | Infectious Diseases Medicine Unite V Pulmonary Medicine Critical care Geriatric and Medical Superintendent Critical care and Director. | Does Remdesivir impact the clinical outcome of patients with COVID 19 infection?. | Approved |
| 148 | Dr. Seelam Joshua Anand | Radiology | Dual-energy CT perfusion angiogram findings in COVID -19 patients. | Approved |



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| 149 | Dr. Vivek Samuel Gaikwad | Paediatric Surgery Occupational Therapy Paediatric Surgery | The impact of COVID -19 on the epidemiological spectrum on burns in children during the national lockdown: an Indian perspective . | Approved |
| 150 | Dr. Vineeth Varghese Thomas | Medicine Hepatology | Retrospective study of mortality outcomes in Medicine Unit I for covid-19. | Approved |
| 151 | Dr. Barney T J Isaac | Pulmonary Medicine Respiratory Medicine Infectious Disease Medical ICU | Clinical profile and outcome of COVID-19 patients admitted to a Respiratory Intermediate Care Unit set up for NIV during the COVID-19 pandemic In a tertiary care hospital in India | Approved |
| 152 | Dr. Karthik Gopinath | Cardiology Transfusion medicine and immunohematology | Abnormalities of Von Willebrand Factor and platelet activation in patients presenting with Acute Coronary syndrome and COVID-19 infection. | Approved |
| 153 | Ms. Jasmine Ruth Baluja | Community Health RUHSA | Impact on family members of adult patient, infected with SARS-CoV-2 virus, in a rural community in south India: An Exploratory study | Approved |



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| 154 | Dr. Sushil Selvarajan | Haematology Biostatistician | Describing antibody response to SARS CoV2 infection in Hematology patients. | Approved |
| 155 | Dr. Sridhar Gibikote | Pediatric Infectious Diseases Clinical Virology Radiodiagnosis Paediatrics Biostatistics | Chest radiograph findings in children with SARS-CoV-2 infection, their clinical relevance and comparison with chest radiographs in children with 2009 influenza A H1N1 infection | Approved |
| 156 | Dr. Tarun K George | Critical Care QMC, CAHO Clinical epidemiology Biostatistician | Healthcare utilization and financial impact of the covid-19 pandemic (HU-Cov study). | Approved |
| 157 | Dr. Susan Jehangir Homi | Paediatric Surgery Paediatric Casualty | A Retrospective Analysis of the Trends in presentation and management of Acute Appendicitis in children During the COVID-19 Pandemic | Approved |
| 158 | Dr. Gauri Mahabal | DVL | A study of the spectrum of dermatological findings in the COVID-19 in-patients who required dermatological consultation. | Approved |



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| 159 | Dr. Rahul William Dsouza | Child Health Unit I Virology Paediatric ICU Child Health Unit III, Pediatric Emergency Biostatistics | A cross-sectional study of SARS-COV2 antibodies in pediatric COVID 19 cases. | Approved |
| 160 | Dr. Kowshik J | Emergency Department Virology Emergency Paramedic Biostatistics | An observational study to assess the severity of COVID and other Influenza like Illness (ILI) using RALE scoring system for Chest X-ray in all ILI patients presenting to Emergency Department. | Approved |
| 161 | Dr. Senthamizselvan R | Physiology Medicine Biochemistry Biostatistics | Autonomic reactivity and stress in the Post-COVID state. | Approved |
| 162 | Dr. Praneet Raj Pathivada | Radiation Oncology | Feasibility of Single application, Multiple fraction High dose Rate Intra Cavitory Brachytherapy in treatment of Locally advanced Carcinoma Cervix - A COVID-19 Adaptation | Approved |



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| 163 | Dr Jefferson Daniel J | Pulmonary Medicine, Respiratory Medicine Clinical Virology | Seroprevalence estimate of recent COVID-19 infection among patients with Chronic Respiratory Disease in the declining phase of the pandemic. | Approved |
| 164 | Dr DJ Christopher | Pulmonary Medicine Medicine 3 Infectious Diseases Medicine 4, Respiratory Medicine | Multi-modal analysis based COVID-19 risk stratification and mortality prediction | Approved |
| 165 | Dr. Lisa Mary Cherian | ENT Ophthalmology Infectious Disease Microbiology Pathology Virology | Characteristics and treatment responses of sinonasal invasive fungal sinusitis in COVID patients. | Approved |
| 166 | Dr Sheethal K Jose | DVL 2 | A study of the profile of patients who used teleconsultations in dermatology during the COVID-19 pandemic. | Approved |



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| 167 | Mr. Melvin Joy | Biostatistics Critical Care Medicine Clinical Epidemiology Unit | Spatial mapping and interpolation of COVID-19 cases in Vellore District: A geostatistical approach. | Approved |
| 168 | Dr. Nitin Paul Ambrose | Surgery GEC | Mesenteric ischemia during the COVID – 19 pandemic – A retrospective observational study. | Approved |
| 169 | Dr. Biju George | Haematology | Comparing the indications and outcomes of hemopoietic stem cell transplantation (HSCT) performed during the COVID pandemic and prior to the pandemic. | Approved |
| 170 | Dr. Aswin M Nair | Clinical Immunology and Rheumatology Biostatistics | Occurrence of SARS-CoV2 infection among patients with autoimmune rheumatic diseases post Rituximab during the Covid19 pandemic | Approved |
| 171 | Dr. Latif Rajesh Johnson | Forensic Medicine & Toxicology, General Pathology Infectious Diseases General Medicine ICU | Autopsy evaluation of COVID-19 deaths to study the histopathological changes in various organs and tissue banking for future studies. | Approved |



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| | | Emergency Respiratory Medicine Pulmonary Medicine Hospital Infection Control Committee Nephrology Clinical Microbiology | | |
| PATIENTS- CLINICAL TRIAL | | | | |
| 172 | Dr. Biju George | Haematology | A Phase IIB open label randomized controlled trial to evaluate the efficacy and safety of Ivermectin in reducing viral loads in patients with hematological disorders who are admitted with COVID 19 infection | Approved |
| 173 | Dr. Annamalai V C | Nephrology | Colchicine for prophylaxis against SARS-CoV-2 infection in maintenance hemodialysis patients: a prospective, open label, randomized controlled trial | Approved |
| 174 | Dr. Annamalai V C | Nephrology | Colchicine and Azithromycin for treating SARS-CoV-2 infection in maintenance hemodialysis patients: a prospective, open label, randomized controlled trial | Approved |



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| 175 | Dr. Karthik G | General Medicine Infectious Diseases HICC Emergency Medicine Pulmonary Medicine Respiratory Medicine Division of Critical care Biostatistics | A randomised controlled trial of oxygen delivery through nasal cannula or simple face mask versus non-invasive PEEP (NIP) masks in patients with confirmed COVID 19 infection. | Approved |
| 176 | Dr. Santosh Kumar | Urology | An open label multi-centre randomized control trial for re-initiating intra-vesical BCG therapy vs. resumption of intra-vesical BCG in patients with non-muscle invasive bladder cancer, with interruption of therapy due to the COVID-19 (ICON study) | Approved |
| 177 | Dr. Karthik G | General Medicine Infectious Diseases HICC Emergency Medicine Pulmonary Medicine Respiratory Medicine Division of Critical care Biostatistics | A randomised controlled trial of oxygen delivery through nasal cannula or simple face mask versus non-invasive PEEP (NIP) masks in patients with confirmed COVID 19 infection. | Approved |



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| 178 | Dr. Santosh Kumar | Urology | An open label multi-centre randomized control trial for re-initiating intra-vesical BCG therapy vs. resumption of intra-vesical BCG in patients with non-muscle invasive bladder cancer, with interruption of therapy due to the COVID-19 (ICON study) | Approved |
| 179 | Dr. Winsley Rose | Child Health Infectious Diseases Clinical Virology Emergency Medicine Pediatrics | Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Centre Phase II/III Adaptive Clinical Trial to Assess the Safety and Immunogenicity of Gam-COVID-Vac Combined Vector Vaccine for SARS-Cov-2 Infection in Indian Healthy Subjects | Approved |
| 180 | Dr DJ Christopher | Pulmonary Medicine Respiratory Medicine Infectious Diseases Hematology Nephrology Medicine Unit I Medicine Unit III | An Adaptive Platform Trial (ASCOT-ADAPT). A multi-centre randomised adaptive platform clinical trial to assess clinical, virological and immunological outcomes in patients with SARS-CoV-2 infection (COVID-19) | Approved |
| 181 | Dr Ajoy Oommen John | Medical Oncology Clinical Pharmacology Haematology Infectious Diseases Medicine V | Phase I-II study of Topotecan combined with Dexamethasone and Remdesivir to reduce systemic inflammation in cancer patients with COVID-19. | Approved |



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| 182 | Dr. Thomas Jeo Joseph | Respiratory Medicine Bioistatistics | Safety profile of Nintedanib in patients with chronic fibrosing interstitial lung diseases (Idiopathic Pulmonary Fibrosis, Systemic Sclerosis related Interstitial Lung Disease, Progressive-Fibrosing Interstitial Lung Diseases and Post-COVID Fibrosis) – A single centre observational study. | Approved |
| 183 | Dr. Barney T J Isaac | , Pulmonary Medicine Respiratory Medicine Biostatistics Medicine 3 & 4 Infectious Diseases | A double blinded randomised controlled trial on the role of antifibrotics in post covid pulmonary fibrosis | Approved |
| LAB/ ANIMAL STUDIES | | | | |
| 184 | Dr. Srujan Kumar Marepally | CSCR | Development of a lipid encapsulated mRNA based vaccine for SARS-Cov-2 | Approved |
| 185 | Dr. Savit B. Prabhu | Wellcome Unit, | Early immunological changes and temporal kinetics of immune responses to SARS-CoV-2 in a cohort of immunologically naive health care workers who are naturally infected with SARS-CoV-2 | Approved |
| 186 | Dr. Venkata Raghava Mohan | Community Medicine | Establishing sewage surveillance and laboratory testing methods for the environmental surveillance of COVID-19 | Approved |



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| 187 | Dr. George M Varghese | Infectious Disease | Evaluation of the performance of antibody detection tests (IgM and total) for the diagnosis of COVID-19. | Approved |
| PRODUCT SURVEY/DEVELOPMENT | | | | |
| 188 | Dr. Arun Kumar A | Haematology | Generation of donor derived, virus specific T cells (VSTs) for treatment of SARS-COV-2 infections | Approved |
| 189 | Dr. Sathya Subramani | Physiology | Intensive care Monitor | Approved |
| 190 | Dr. Mahesh Moorthy, Sangeetha Mohan | Clinical Virology, SciGenom | Development of a cost-effective IgM/IgG combined lateral flow assay for rapid point of care detection of SARS-CoV2 (COVID-19) infection | Approved |
| 191 | Dr. Mahesh Moorthy | Clinical Virology | Are fusion inhibitors potential pan-coronavirus therapeutic agents? | Approved |
| 192 | Dr. Priscilla Rupali | HICC | Effect of two sterilisation methods on viral RNA clearance from, Physical integrity of and filtration efficiency of N95 masks - an experimental study during the COVID-19 pandemic | Approved |
| 193 | Dr. J. Christopher Clement, Dr. Devakumar | VIT, Nuclear Medicine | High Precision Diagnosis of Novel Coronavirus from Chest X-Ray Images using DeepCOVID | Approved |



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| 194 | Dr. Shoba Mammen, | Clinical Virology | A pilot study for rapid accurate detection of SARS-CoV2 virus using biosensor | Approved |
| 195 | Dr. Priscilla Rupali | HICC | A survey of oxygen and respiratory support capacity for COVID-19 and future pandemic preparedness. | Approved |
| 196 | Dr. KPP Abhilash | Emergency Medicine | Assessing the performance of Aerosol boxes while intubating in the Emergency department during COVID pandemic | Approved |
| 197 | Dr Leena Robinson Vimala | Radiodiagnosis Clinical Radiology Pulmonary Medicine Infectious Disease Biostatistics Clinical Virology | Efficacy of automated chest radiograph interpretation using qXR algorithm in the assessment of severity of confirmed Covid-19 cases | Approved |
| 198 | Dr. Mahesh Moorthy | Clinical Virology, Infectious Disease Emergency Medicine Pediatric Infectious Disease Medicine | Evaluation of Abbott ID now™ COVID-19 for a rapid detection of SARS Cov-2 RNA in respiratory samples. | Approved |