

# FACULTY OF MEDICAL SCIENCES

## List of Protocols submitted by Post-graduate students : Batch 2021 : MD Paediatrics

| 1     | 2                      |             |         | 3                                                                                                                                                                                                                                                                                        |
|-------|------------------------|-------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S. No | Name of Student        | Department  | College | Title                                                                                                                                                                                                                                                                                    |
| 1     | Kairamkonda Loukya     | Paediatrics | LHMC    | Correlation of change in B-lines on lung ultrasonography with ultrafiltration volume in children with acute kidney injury undergoing Hemodialysis                                                                                                                                        |
| 2     | Dinesh Kumar Agrawalla | Paediatrics | LHMC    | Longitudinal patterns of kidney function in HIV-infected children on Anti-retroviral therapy: An ambi-directional cohort study                                                                                                                                                           |
| 3     | Riya Ghosh             | Paediatrics | LHMC    | Correlation between acute inflammatory markers and disease activity in children with juvenile idiopathic arthritis                                                                                                                                                                       |
| 4     | Rohit Y                | Paediatrics | LHMC    | Enuresis in children (5-16 years) with asthma: A cross sectional study                                                                                                                                                                                                                   |
| 5     | Sakib Ali              | Paediatrics | LHMC    | Study of prevalence of hyposplenism in childhood systemic lupus erythematosus and its relationship with disease activity score                                                                                                                                                           |
| 6     | Rashmi Meena           | Paediatrics | LHMC    | Modified Atkins diet versus topiramate in children with epileptic spasms refractory to hormonal treatment: A randomized open-label study                                                                                                                                                 |
| 7     | Shubham                | Paediatrics | LHMC    | Pre-and post counselling profile of maternal awareness regarding 'home based nurturing care practices' in 6 to 24 month old children with severe acute malnutrition, moderate acute malnutrition, moderate acute malnutrition and no malnutrition: A Prospective analytical cohort study |
| 8     | Shubham                | Paediatrics | LHMC    | Comparative assessment of agreement of chronological age with bone age using three different methods in healthy children aged 2-16 years - A cross-sectional study                                                                                                                       |
| 9     | Sachin Kumar           | Paediatrics | LHMC    | Impact of counseling regarding safety measure on epilepsy related self-care behaviours in adolescents with epilepsy-a pre and post intervention study                                                                                                                                    |
| 10    | Apurva Garg            | Paediatrics | LHMC    | Tumor Lysis syndrome and its associated factors in childhood malignancies (0-18YRS)                                                                                                                                                                                                      |
| 11    | Palak Garg             | Paediatrics | LHMC    | Assessment of adrenal function after glucocorticoid therapy for childhood onset first episode of nephritic syndrome                                                                                                                                                                      |
| 12    | Chitrakshi Tewari      | Paediatrics | LHMC    | Effect of insulin therapy on body composition of children with newly diagnosed type 1 diabetes mellitus                                                                                                                                                                                  |

|    |                     |             |      |                                                                                                                                                                                                                         |
|----|---------------------|-------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13 | Kolupuri Kovidha    | Paediatrics | LHMC | Role of respiratory oxygenation (ROX) index in predicting high flow nasal cannula therapy outcomes in children                                                                                                          |
| 14 | Saloni Goyal        | Paediatrics | LHMC | Vitamin D status and response to its Therapeutic dose in children with chronic liver disease                                                                                                                            |
| 15 | Chhavi Sharma       | Paediatrics | LHMC | Assessment of haemato-biochemical parameters at admission and at the end of 4 weeks follow up in infants less than 6 months with severe acute malnutrition managed at nutritional rehabilitation centre- A Cohort study |
| 16 | Mehta Rutika Bharat | Paediatrics | LHMC | Protein energy wasting in adolescents with chronic kidney disease.                                                                                                                                                      |
| 17 | Ganesh Kumar R      | Paediatrics | LHMC | Electro-clinical spectrum of epilepsy in children up to 2 years of age: A hospital-based cross-sectional study                                                                                                          |
| 18 | Parth Mittal        | Paediatrics | LHMC | Profile of physical activityk, screen time, sleep and diet in children aged 0-5 years                                                                                                                                   |
| 19 | Vani V              | Paediatrics | LHMC | Magnitude and profile of sleep disordered breathing amongst clinically at-risk children and adolescents                                                                                                                 |
| 20 | Maya                | Paediatrics | LHMC | Clinico-etiological profile of Hospital acquired fever among children admitted with respiratory illness                                                                                                                 |
| 21 | Anurag Gautam       | Paediatrics | LHMC | Assessment of change in diaphragmatic thickness in paediatric patients on mechanical ventilation                                                                                                                        |
| 22 | Tanisha Negi        | Paediatrics | LHMC | Comparative efficacy of 10 mg zinc supplement versus 20 mg standard supplement in treatment of acute diarrhoea in children: A randomized control trial.                                                                 |
| 23 | Subhangi Chandan    | Paediatrics | LHMC | Agreement in molecular diagnosis for tuberculosis between oral swab specimen and standard respiratory specimens in clinico-radiologically diagnosed paediatric patients                                                 |
| 24 | Mohammed Uvais. K.K | Paediatrics | LHMC | Predictors of complications in febrile neutropenia in childhood malignancy- A prospective cohort study                                                                                                                  |
| 25 | Tapela Ramamohan    | Paediatrics | LHMC | Assessment of adrenal function after oral prednisolone therapy in children with epileptic spasms                                                                                                                        |
| 26 | Sangeeta            | Paediatrics | LHMC | Clinical spectrum of children with functional gastrointestinal disorders and psychosocial status of their primary caregiver                                                                                             |
| 27 | Naval Kishore Dixit | Paediatrics | LHMC | Correlation Between serum folate & Homocysteine Levels and response to methotrexate therapy in children with juvenile idiopathic arthritis                                                                              |

|    |                            |             |      |                                                                                                                                                              |
|----|----------------------------|-------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 28 | DR. AKASH CHOUDHURY        | Paediatrics | MAMC | Comparison of airway pressures in pressure regulated volume control and pressure control mode of ventilation in children.                                    |
| 29 | DR. ANKITA SONI            | Paediatrics | MAMC | Adrenal insufficiency in children with cancer after chemotherapy                                                                                             |
| 30 | DR. ANUJ KUMAR             | Paediatrics | MAMC | Relation of serum leptin levels with severity of autism spectrum disorder in children.                                                                       |
| 31 | DR. HARIOM PATEL           | Paediatrics | MAMC | Association between serum vitamin D3 levels and recurrent wheeze in children aged 2 months to 3 years.                                                       |
| 32 | DR. IRAM MUJEEB            | Paediatrics | MAMC | Markers of bone mineral metabolism in children and adolescents with congenital adrenal hyperplasia                                                           |
| 33 | DR. JAIN SOMIL AJAY        | Paediatrics | MAMC | Assessment of Dietary intake in children with recurrent abdominal pain.                                                                                      |
| 34 | DR. M NISHEVITHA           | Paediatrics | MAMC | Evaluation of the technique of metered dose inhaler (MDI) use in asthmatic children between 5 to 12 years of age.                                            |
| 35 | DR. MALLIKARJUN R SAMAGOND | Paediatrics | MAMC | Predictive ability of a mandated late second screen in diagnosis of congenital hypothyroidism in preterm neonates.                                           |
| 36 | DR. MANJEET KAUR           | Paediatrics | MAMC | Serum vitamin a levels in children aged under five with pneumonia                                                                                            |
| 37 | DR. MOHD ASIF              | Paediatrics | MAMC | Efficacy of cartridge based nucleic acid amplification test using centrifuged gastric aspirate in diagnosis of suspected pulmonary tuberculosis in children. |
| 38 | DR. MORIK LOYI             | Paediatrics | MAMC | Change in the nutritional status of children admitted to the pediatric intensive care unit with two weeks of stay.                                           |
| 39 | DR. NITHIN R               | Paediatrics | MAMC | Etiological profile of acute meningoencephalitis in children.                                                                                                |
| 40 | DR. PARTHA PROTIM SARKAR   | Paediatrics | MAMC | Association of seizures in tuberculous meningitis with disease outcome at two months from diagnosis.                                                         |
| 41 | DR. PRACHI BAJPAI          | Paediatrics | MAMC | Dyslipidemia and profile of serum apolipoproteins (APO A-1, APO B) and lipoprotein (a) in children and adolescents with nephrotic syndrome in remission.     |
| 42 | DR. PRAGATI CHUNBUCK       | Paediatrics | MAMC | Association of renal resistive index with glycemic control in children and adolescents with type 1 Diabetes.                                                 |
| 43 | DR. SATYAM GUPTA           | Paediatrics | MAMC | Comparison of urinary metabolomics in children with autism spectrum disorder with that in typically developing children.                                     |

|    |                        |             |      |                                                                                                                                                              |
|----|------------------------|-------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 44 | DR. SHEETAL DEEP       | Paediatrics | MAMC | Assessment of nutritional status and dietary components (Macronutrients and Micronutrients) in children and adolescents with chronic kidney disease.         |
| 45 | DR. SHILPI JHA         | Paediatrics | MAMC | Factors associated with discharge against medical advice in pediatric inpatients.                                                                            |
| 46 | DR. SHIRIN RANA        | Paediatrics | MAMC | Anti rabies virus glycoprotein antibody titres after three doses of intradermal post exposure prophylaxis in children and adolescents under 18 years of age. |
| 47 | DR. SHREYA GUPTA       | Paediatrics | MAMC | Urinary gluten immunogenic peptide as a biomarker for monitoring adherence to diet in children with celiac disease.                                          |
| 48 | DR. SURBHI KUMARI      | Paediatrics | MAMC | To study the incidence and clinicoetiological profile of acute kidney injury among children admitted in emergency.                                           |
| 49 | DR. VIDYA SAGAR        | Paediatrics | MAMC | Frequency and factors associated with the use of antibiotics in non-bloody diarrhoea in children under 5 years of age.                                       |
| 50 | DR. YASHSVI LOHCHAB    | Paediatrics | MAMC | FGF23 and NT-proBNP levels in children and adolescents with chronic kidney disease.                                                                          |
| 51 | Dr. Nandadyuti Acharya | Paediatrics | UCMS | Factors associated with gram negative septicemia and pattern of antimicrobial resistance in an intramural NICU of A tertiary care hospital                   |
| 52 | Dr. Sourav             | Paediatrics | UCMS | Cardiometabolic risk factors in children aged 5-12 years                                                                                                     |
| 53 | Dr. Badavath Naresh    | Paediatrics | UCMS | Effect of Anti- Retroviral therapy on biological aging and immunosenescence in children living with human immunodeficiency virus                             |
| 54 | Dr. Shruti Agarwala    | Paediatrics | UCMS | Antenatal sonographic fetal soft markers and their postnatal outcomes- A longitudinal study                                                                  |
| 55 | Dr. Sanmeet Kaur       | Paediatrics | UCMS | Pneumococcal carriage and serotype distribution in children with congenital heart disease and pneumonia                                                      |
| 56 | Dr. Umang Rastogi      | Paediatrics | UCMS | Effect of sodium Valproate monotherapy on serum free carnitine levels in children with epilepsy                                                              |
| 57 | Dr.Jagriti Yadav       | Paediatrics | UCMS | Quality of life in children with cerebral palsy and their siblings                                                                                           |
| 58 | Dr. Bhaskar Gupta      | Paediatrics | UCMS | Twice Weekly versus daily oral iron for treatment of iron deficiency anemia in children                                                                      |
| 59 | Dr.Revant Kumar        | Paediatrics | UCMS | Efficacy of care bundles in decreasing the ventilator associated pneumonia rates in a neonatal care unit:A Quality improvement initiative                    |
| 60 | Dr. Hamsika V          | Paediatrics | UCMS | Assessment of inferior vena cava to aorta ratio in children with Non- Hemorrhagic shock after fluid bolus using point of care ultrasound                     |
| 61 | Dr. Anna Sharma        | Paediatrics | UCMS | Effect Of Zinc Deficiency on glucose homeostasis in transfusion-Dependent thalassemia                                                                        |

|    |                          |             |      |                                                                                                                                                                                                                                |
|----|--------------------------|-------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 62 | Dr.N. Namratha           | Paediatrics | UCMS | Proteinuria and gall bladder wall thickness as predictive indicators for dengue severity in pediatric patients                                                                                                                 |
| 63 | Dr. Shikha Mahendra      | Paediatrics | UCMS | Health star rating vs warning labels to identify unhealthy packaged foods: an open label randomized trial                                                                                                                      |
| 64 | Dr. Lata Jyoti           | Paediatrics | UCMS | Knowledge, Attitude and practices related to child safety and age appropriate toys among parents of under 5 years children                                                                                                     |
| 65 | Dr. Madhu Sudan          | Paediatrics | UCMS | Stool CBNAAT (Cartridge- Based Nucleic Acid Amplification test) in Pediatric Abdominal tuberculosis: A pilot study                                                                                                             |
| 66 | Dr. Paridhi Gupta        | Paediatrics | UCMS | Seroprotection Against type 2 serotype after of poliovirus after introduction of third fractional dose of inactivated poliovirus vaccine (fipv) At 9 Months in national immunization schedule- A longitudinal study            |
| 67 | Dr. Ahna Ahmed           | Paediatrics | UCMS | Actual renal angina index as predictor of acute kidney injury in critically ill children                                                                                                                                       |
| 68 | DR. MAMIDALA SAI SINDHU  | Paediatrics | AH   | Clinical Profile Of Children With Chronic Constipation At A Tertiary Care Hospital                                                                                                                                             |
| 69 | MAJ. DR. DIVYANSHI       | Paediatrics | AH   | Gastrointestinal Manifestations In Children With Cerebral Palsy Aged 2 Years To 12 Years And Its Correlation With Type Of Cerebral Palsy                                                                                       |
| 70 | DR. RAVINKIRAN DIGHADE   | Paediatrics | AH   | To Study The Clinical Profile And Treatment Outcome Of Children With Three Most Common Acynotic Congenital Heart Diseases With Left To Right Shunt (Atrial Septal Defect, Ventricular Septal Defect, Patent Ductus Arteriosus) |
| 71 | DR. AJAY GARG            | Paediatrics | AH   | Study Of Clinical And Aetiological Factors In Apnoeas Developing In Preterm Neonates                                                                                                                                           |
| 72 | DR. PRAVEEN KUMAR TIWARI | Paediatrics | AH   | Study Ration Of C-Reactive Protein And Albumin As A Predictor Of Mortality In Critically Ill Children                                                                                                                          |
| 73 | DR. RAHUL JAIN           | Paediatrics | AH   | Ambulatroy Blood Pressure Monitoring In Children With Nephrotic Syndrome On Long Term Steroid Therapy                                                                                                                          |