

| Faculty of Medical Sciences, University of Delhi                                    |                          |                |         |                                                                                                                                                                        |
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| List of Protocols submitted by Post-graduate students : Batch 2025 : MD Paediatrics |                          |                |         |                                                                                                                                                                        |
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| 1                                                                                   | 2                        | 3              | 4       | 5                                                                                                                                                                      |
| S. No                                                                               | Name                     | Department     | College | Title                                                                                                                                                                  |
| 1                                                                                   | Maj Yadavalli VS Sahithi | MD Paediatrics | AH(R&R) | Clinical study of apnea in preterm neonates (35 weeks) in tertiary care centre                                                                                         |
| 2                                                                                   | Maj Jaishree Arora       | MD Paediatrics | AH(R&R) | A single centre prospective observational study comparing prism iv and pim iii scores in predicting outcomes in a pediatric intensive care unit                        |
| 3                                                                                   | Maj Siddharth Nayak      | MD Paediatrics | AH(R&R) | To study the clinical profile of children with congenital anomalies of kidney and urinary tract (cakut)                                                                |
| 4                                                                                   | Maj Kola Suresh          | MD Paediatrics | AH(R&R) | Clinical and echocardiographic profile of children with cyanotic congenital heart disease and perfusion index pattern in these children                                |
| 5                                                                                   | Maj Amber Garg           | MD Paediatrics | AH(R&R) | To describe the clinical and etiological profile of pediatric gallstone disease                                                                                        |
| 6                                                                                   | Aashi Arora              | MD Paediatrics | LHMC    | Study of Bestein Barr virus seroprevalance and DNA titres in childhood systemic lupus erythematosus                                                                    |
| 7                                                                                   | Aditi Chawla             | MD Paediatrics | LHMC    | Therapeutic drug monitoring in children on anti-tubercular treatment and correlation with clinic-radiological-microbiological outcomes                                 |
| 8                                                                                   | Anushka                  | MD Paediatrics | LHMC    | Correlation between inflammatory indices and disease activity in childhood systemic lupus erythematosus-A prospective observational study                              |
| 9                                                                                   | Astha Gupta              | MD Paediatrics | LHMC    | Assessment of adrenal suppression following glucocorticoid therapy in induction phase in children with acute lymphoblastic leukemia                                    |
| 10                                                                                  | Keri Vedavith            | MD Paediatrics | LHMC    | Psychometric validation of the toilet training attitude questionnaire (ttaq-Hindi) in hindi-speaking population                                                        |
| 11                                                                                  | Khushi Garg              | MD Paediatrics | LHMC    | Evaluation of hypothalamic pituitary adrenal axis function in children receiving topical corticosteroids                                                               |
| 12                                                                                  | Lalita Krishnia          | MD Paediatrics | LHMC    | Ascitic fluid calprotectin as a diagnostic marker for peritonitis in children with idiopathic nephrotic syndrome                                                       |
| 13                                                                                  | Leena                    | MD Paediatrics | LHMC    | Improving medication self-management in adolescents aged 10-18 years with epilepsy using point-of-care quality improvement: A PDSA-based study in a tertiary hospital. |
| 14                                                                                  | Lovey Kashyap            | MD Paediatrics | LHMC    | Functional outcomes in children with lower respiratory tract infection admitted to the pediatric intensive care unit (PICU): A prospective observational study         |
| 15                                                                                  | Muskan Wadhwa            | MD Paediatrics | LHMC    | Evaluation of optic nerve sheath diameter and transcranial doppler indicesby point-of-care ultrasound in children with raised intracranial pressure.                   |
| 16                                                                                  | Nischal Kulshrestha      | MD Paediatrics | LHMC    | Cardio-metabolic status & body composition of adolescents living with HIV on antiretroviral therapy                                                                    |
| 17                                                                                  | Nokekuno Vizol           | MD Paediatrics | LHMC    | Adrenal insufficiency in fluid refractory pediatric septic shock: A prospective observational study                                                                    |
| 18                                                                                  | Prashasti Verma          | MD Paediatrics | LHMC    | Development of a clinical risk prediction score for invasive fungal infection in paediatric patients of hematolymphoid malignancy with febrile neutropenia             |
| 19                                                                                  | Richa Raj Soni           | MD Paediatrics | LHMC    | Etiological profile of children admitted with acute liver failure                                                                                                      |
| 20                                                                                  | Ritik Chandel            | MD Paediatrics | LHMC    | Body composition and physical fitness in childhood acute lymphoblastic leukemia survivors                                                                              |

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| 21 | Sahil V Soni          | MD Paediatrics | LHMC | Frequency and determinants of limited joint mobility in children aged 8-18 years with type-1 diabetes mellitus                                                                                                                                           |
| 22 | Sanjana               | MD Paediatrics | LHMC | Mthfr gene polymorphism in children with idiopathic nephrotic syndrome: An observational study.                                                                                                                                                          |
| 23 | Saumya Verma          | MD Paediatrics | LHMC | Assessment of body composition and metabolic profile in children aged 2-10 years with down syndrome                                                                                                                                                      |
| 24 | Shabista Kutub        | MD Paediatrics | LHMC | Frequency of stress hyperglycemia in critically ill children and its impact on clinical outcome                                                                                                                                                          |
| 25 | Shivam Kumar Maurya   | MD Paediatrics | LHMC | Correlation between Pan-immune inflammation value and disease activity in juvenile idiopathic arthritis- A cross sectional observational study                                                                                                           |
| 26 | Shravana Mitra        | MD Paediatrics | LHMC | Development and content validation of a menstrual health and hygiene management questionnaire for adolescent girls with special needs                                                                                                                    |
| 27 | Snehal Sinha          | MD Paediatrics | LHMC | Diagnostic accuracy of the DeepCXR AI model for identifying abnormalities in paediatric thoracic tuberculosis.                                                                                                                                           |
| 28 | Sonal Singh           | MD Paediatrics | LHMC | Study of factors associated with infection in children with acute lymphoblastic leukaemia during the maintenance phase of therapy.                                                                                                                       |
| 29 | Srimathi K            | MD Paediatrics | LHMC | Behavioral adverse effects of levetiracetam in children and adolescents with epilepsy: A cross-sectional study                                                                                                                                           |
| 30 | Surbhi Raj            | MD Paediatrics | LHMC | Multimodal investigation of neurocognitive dysfunction in childhood lupus using P300 amplitude testing and the nimhans neuropsychological battery                                                                                                        |
| 31 | Thangson Songput      | MD Paediatrics | LHMC | Comparative efficacy of low dose (1 mg/kg for 3 days) versus high-dose (2 mg/kg for 5 days) oral corticosteroid therapy in children age 1-5 years presenting with acute moderate exacerbation of asthma: An open label, randomized noninferiority trial. |
| 32 | Yash Singh Chauhan    | MD Paediatrics | LHMC | Profile of home-based nurturing care practices in young infants at 6-8 weeks                                                                                                                                                                             |
| 33 | Aniket velip          | MD Paediatrics | UCMS | Urine Loarabinomanan For The Diagnosis Of Tuberculosis In Children                                                                                                                                                                                       |
| 34 | Sanjay singh          | MD Paediatrics | UCMS | Screen exposure and its association with language delay in children aged 1-6 years: A multidimensional assessment using Digital Screen Exposure Questionnaire (DSEQ)                                                                                     |
| 35 | Siddharth             | MD Paediatrics | UCMS | Impact of kangaroo mothercare combined with lullaby on physiological and biochemical parameters in preterm neonates: A randomized controlled                                                                                                             |
| 36 | Adarsh Sen            | MD Paediatrics | UCMS | Utility of three system point of care ultrasound in children admitted to Pediatric intensive care unit                                                                                                                                                   |
| 37 | Geetanjali            | MD Paediatrics | UCMS | Single strength vs double strength hepatitis b booster vaccination in children with acute lymphoblastic leukaemia                                                                                                                                        |
| 38 | Jyotika Khurana       | MD Paediatrics | UCMS | Diagnostic Utility Of Neonatal Sequential Organ Failure Assessment (Nsofa) Score In Neonatal Sepsis: An Observational Pilot Study                                                                                                                        |
| 39 | Kalyani Satheeshkumar | MD Paediatrics | UCMS | Association of non-anion gap metabolic acidosis with clinical outcomes in children with acute gastroenteritis and severe dehydration                                                                                                                     |
| 40 | Adarsh Modi           | MD Paediatrics | UCMS | Effect of Calcium and Vitamin D Supplementation on Bone Turnover Markers in Children with Moderate Acute Malnutrition                                                                                                                                    |

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| 41 | Ananya Chauhan            | MD Paediatrics | UCMS | Feeding Tolerance Assessment Criteria - Guided vs Standard Feeding Advancement in Very Low Birth Weight Preterm Neonates: An Open Randomized Controlled trial                                         |
| 42 | Shubham                   | MD Paediatrics | UCMS | Bone turnover markers in children with obesity aged 8-12 years                                                                                                                                        |
| 43 | SIMRAN MEENA              | MD Paediatrics | UCMS | Clinical utility of mother and child protection card to evaluate developmental delay in low birth weight children aged 2-36 months                                                                    |
| 44 | Rajesh Kumar              | MD Paediatrics | UCMS | Optimal target blood pressure ( Low normal versus high normal) in pediatric septic shock: a prospective observational study                                                                           |
| 45 | Mansi Hooda               | MD Paediatrics | UCMS | Incorporating urinary neutrophil gelatinase- Associated Lipocalin with acute Renal anginal index for prediction of acute kidney injury in critically ill children                                     |
| 46 | Anushna Kar               | MD Paediatrics | UCMS | Visceral fat area as a predictor of metabolic syndrome in children: A Comparative Study                                                                                                               |
| 47 | Amisha Yadav              | MD Paediatrics | UCMS | Association of aspartate aminotransferase- Alanine aminotransferase ( AST/ALT) Ratio with disease severity in children with enteric fever                                                             |
| 48 | Chandan kumar             | MD Paediatrics | UCMS | Effect of sleep duration on cardio metabolic risk factor in children                                                                                                                                  |
| 49 | Likith B S                | MD Paediatrics | UCMS | Effect Of Sodium Valproate Monotherapy On Serum Leptin, Resistin And Insulin Levels In Children With Epilepsy                                                                                         |
| 50 | Manali Raut               | MD Paediatrics | UCMS | Effect of a Structured Comic Book–Based Educational Intervention for Parents on Healthcare-Associated Infections and Parental Anxiety in a Pediatric Intensive Care Unit: A Before–After Study        |
| 51 | PRIYANSHI JAIN            | MD Paediatrics | UCMS | Iron Therapy Outcomes In Mild, Moderate And Severe Anemia In Under-Five Children                                                                                                                      |
| 52 | Richa Saxena              | MD Paediatrics | UCMS | Hydroxyzine versus triclofos for sedation of children for transthoracic echocardiography                                                                                                              |
| 53 | AFZAL PARVEZ KHAN         | MD Paediatrics | MAMC | : “Impact of childhood epilepsy on anxiety and depression in caregivers”.                                                                                                                             |
| 54 | AISHWARYA YADAV           | MD Paediatrics | MAMC | “Biomarker profile including absolute eosinophil count, serum total immunoglobulin e (ige) and allergen specific ige to indoor aeroallergens in preschool children (<6 years) with recurrent wheeze”. |
| 55 | AKSHITI MANOHAR           | MD Paediatrics | MAMC | “Utility of stool truenat mtb plus in diagnosis of pulmonary tuberculosis in pediatric population”.                                                                                                   |
| 56 | APARNA S WARRIER          | MD Paediatrics | MAMC | “Bullying in adolescents with specific learning disability (sld) compared to typically developing peers”.                                                                                             |
| 57 | ARNAV UPADHYAY            | MD Paediatrics | MAMC | “Immunogenicity of single-visit four-site intradermal pre-exposure rabies prophylaxis regimen in children”.                                                                                           |
| 58 | ARYAN MAVI                | MD Paediatrics | MAMC | “Neurodevelopmental disorders in children presenting with poor school performance with special reference to autism spectrum disorder”.                                                                |
| 59 | BALABADRA GREESHMA MEENAN | MD Paediatrics | MAMC | Resigned                                                                                                                                                                                              |
| 60 | DEVANSHI PUNDEER          | MD Paediatrics | MAMC | “Seroprevalence of anti-hepatitis b antibodies in children and adolescents with chronic kidney diseases”.                                                                                             |
| 61 | DHRUV BHORIA              | MD Paediatrics | MAMC | “Pattern of hospitalization in children with neurodevelopmental disorders: case control study”.                                                                                                       |

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| 62 | DURGA KUMARI     | MD Paediatrics | MAMC                   | “Diagnostic accuracy of bronchoalveolar lavage fluids soluble triggering receptor expressed on myeloid cell-1 (strem-1) in ventilator associated pneumonia in children”.                                                                     |
| 63 | FATHIMA ABDULLA  | MD Paediatrics | MAMC                   | “Outcome of relapses in children and adolescents with steroid resistant nephrotic syndrome”.                                                                                                                                                 |
| 64 | GAUTAM KUMAR     | MD Paediatrics | MAMC                   | “Comparison of duration of high flow nasal cannula support in children with acute bronchiolitis receiving early full versus trophic enteral feeding : a randomized controlled trial”.                                                        |
| 65 | HAGE NYNA        | MD Paediatrics | MAMC                   | “Comparative assessment of micronutrient status among malnourished and normally nourished children ( 6 months – 5 years)”.                                                                                                                   |
| 66 | HARSHITA SINGHAL | MD Paediatrics | MAMC                   | “Intrahospital transport – related adverse events in critically ill children: a prospective study”.                                                                                                                                          |
| 67 | KAMAKSHI BANSAL  | MD Paediatrics | MAMC                   | “Critical illness related corticosteroid insufficiency (circi) in sick children presenting to emergency”.                                                                                                                                    |
| 68 | KOLLI VEENADHARI | MD Paediatrics | MAMC                   | “Multi-modal orbital ultrasonographic parameters to predict neurological outcomes in children with sepsis-associated encephalopathy”.                                                                                                        |
| 69 | POORVI GUPTA     | MD Paediatrics | MAMC                   | “Vitamin d status and its association with immunological and nutritional parameters in hiv-infected children aged 6-15 years on dolutegravir-based antiretroviral therapy”.                                                                  |
| 70 | PRAGYA YADAV     | MD Paediatrics | MAMC                   | “Polymorphism of itpa (inosine triphosphate pyrophosphate),nudt15 (nudix hydrolase ) and tpmt (thiopurine methylase transferase ) genes in children with acute lymphoblastic leukemia and their association with 6-mercaptopurine toxicity”. |
| 71 | SHARANYA         | MD Paediatrics | MAMC                   | “Association of peripheral blood absolute eosinophil count with asthma control in children aged 6-15 years”.                                                                                                                                 |
| 72 | SHILPA           | MD Paediatrics | MAMC                   | “Comparison of pain outcomes after a palliative care bundle versus standard of care for children with life-limiting diseases: a randomized controlled trial”.                                                                                |
| 73 | SHIVANGI         | MD Paediatrics | MAMC                   | “Role of shock index in predicting progression to septic shock with 72 hours in children with sepsis”.                                                                                                                                       |
| 74 | SHIVANI          | MD Paediatrics | MAMC                   | “Prevalence of seroprotective measles antibody titres in previously vaccinated childhood cancer survivors”.                                                                                                                                  |
| 75 | SUFIA MAQSOOD    | MD Paediatrics | MAMC                   | : “Diagnostic utility of reticulocyte hemoglobin equivalent and other advanced rbc parameters in characterization of anaemia in children”.                                                                                                   |
| 76 | Mahak Rani       | Pediatrics     | IRPGIMSR and Ass. NRCH | clinical and etiological profile of developmental delay in children                                                                                                                                                                          |
| 77 | Abhilasha        | Pediatrics     | IRPGIMSR and Ass. NRCH | EVALUATION OF THE COMPLICATIONS AND RISK FACTORS ASSOCIATED WITH CHILDHOOD OVERWEIGHT AND OBESITY                                                                                                                                            |