

Faculty of Medical Sciences, University of Delhi

**List of Protocols submitted by Post-graduate students : Batch 2022 : MD Anaesthesiology**

| 1     | 2                    |                 |         |                                                                                                                                                                                                                                                                        |
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| S. No | Name                 | Department      | College | Title                                                                                                                                                                                                                                                                  |
| 1     | Sakshi Bhardwaj      | Anaesthesiology | LHMC    | A Randomised controlled study comparing short axis and combined short and long axis median nerve hydrodissection for carpal tunnel syndrome                                                                                                                            |
| 2     | Yugansh Gupta        | Anaesthesiology | LHMC    | Comparison of hypotensive events in critically ill patients managed with or without machine learning algorithm                                                                                                                                                         |
| 3     | H Swaminathan        | Anaesthesiology | LHMC    | A randomized controlled trial to compare the duration of postoperative analgesia in patients undergoing laparoscopic cholecystectomy under general anaesthesia with and without serratus anterior plane block                                                          |
| 4     | Kritika              | Anaesthesiology | LHMC    | Relationship between Patient state index and Richmond Agitation Sedation Scale for sedation in critically ill patients                                                                                                                                                 |
| 5     | Jatin                | Anaesthesiology | LHMC    | A Randomised controlled trial to compare postoperative analgesia between ultrasound guided transversus abdominis plane and erector spinae plane block in children undergoing abdominal surgery                                                                         |
| 6     | Nimish Agarwal       | Anaesthesiology | LHMC    | A randomised compare of the efficacy of fentanyl versus clonidine as an adjunct to levobupivacaine in continuous epidural infusion in children undergoing laparotomy                                                                                                   |
| 7     | Shweta Saini         | Anaesthesiology | LHMC    | Randomised controlled study to compare time to postoperative recovery after opioid free total intravenous anaesthesia using propofol with ketamine or dexmedetomidine in children undergoing urethroplasty                                                             |
| 8     | Maheswari S          | Anaesthesiology | LHMC    | An observational study to compare the renal resistive index in postoperative shock versus non-shock patients                                                                                                                                                           |
| 9     | Ruchir Tyagi         | Anaesthesiology | LHMC    | A randomised controlled trial to compare the efficacy of dexmedetomidine versus dexamethasone as an adjunct to bupivacaine in ultrasound guided suprainguinal fascia iliaca compartment block in children undergoing hip and thigh surgeries under general anaesthesia |
| 10    | Vignesh A S          | Anaesthesiology | LHMC    | A prospective study to compare the effect of intraoperative sedation with dexmedetomidine versus ketamine on postoperative delirium and expression of inflammatory markers in elderly patients undergoing hip surgeries                                                |
| 11    | Sreelakshmi S        | Anaesthesiology | LHMC    | A randomised study to compare sugammadex with neostigmine for recovery of muscle function by ultrasonographic assessment in patients undergoing laparoscopic cholecystectomy                                                                                           |
| 12    | Erram Harika         | Anaesthesiology | LHMC    | Enhanced Recovery After Surgery (Eras) Protocol Versus Conventional Recovery Strategy For Evaluation Of Postoperative Recovery In Children Undergoing Orthopaedic Lower Limb Surgeries: A Randomized Controlled Trial                                                  |
| 13    | DR. ABHISHEK AHIRWAR | Anaesthesiology | MAMC    | Association between pre-anaesthetic subclavian vein collapsibility index and decrease in mean arterial pressure after induction of general anaesthesia in patients undergoing elective surgical procedures.                                                            |
| 14    | DR. ANKUR SHARMA     | Anaesthesiology | MAMC    | Comparison of Ultrasound- guided Erector Spinae Plane block versus Subcostal Transversus Abdominis block for post-operative analgesia in patients undergoing Laparoscopic Cholecystectomy.                                                                             |
| 15    | DR. ANSHUL           | Anaesthesiology | MAMC    | Effect of ultrasound guided erector spinae plane block in intra operative opioid requirement in children undergoing video assisted thoracoscopic surgery under general anaesthesia.                                                                                    |
| 16    | DR. ANURADHA DIALANI | Anaesthesiology | MAMC    | Comparative evaluation of the effect of an Eye mask and Music on Midazolam requirement for Bispectral Index (BIS) guided sedation during Spinal Anaesthesia.                                                                                                           |

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| 17 | DR. ANURAG SINGH           | Anaesthesiology | MAMC | Comparative evaluation of Internal Jugular Vein collapsibility index guided versus conventional crystalloid administration on post spinal hypotension in parturients undergoing caesarean section.              |
| 18 | DR. APURVA SINHA           | Anaesthesiology | MAMC | Ultrasonographic evaluation of gastric emptying time in obese and non-obese full term pregnant women planned for elective caesarean section following standardized meal.                                        |
| 19 | DR. BHINDE KUBER JIGNESH   | Anaesthesiology | MAMC | Comparative evaluation of deep versus superficial erector spinae plane blocks for post-operative analgesia in modified radical mastectomy.                                                                      |
| 20 | DR. GARVITA BHATNAGAR      | Anaesthesiology | MAMC | Comparative evaluation of Virtual Reality and Augmented Reality as distraction techniques on preoperative anxiety in paediatric patients.                                                                       |
| 21 | DR. HARSHITA               | Anaesthesiology | MAMC | Preoperative evaluation of condyle tragus distance with patient wearing surgical mask for prediction of difficult face mask ventilation                                                                         |
| 22 | DR. HEMASHREE              | Anaesthesiology | MAMC | Comparison of post-operative analgesia using subfascial and Extrafascial approach of Transmuscular Quadratus lumborum block after lower segment Caesarean section.                                              |
| 23 | DR. KIRTI MEHRA            | Anaesthesiology | MAMC | Evaluation of inflammatory response of Dexmedetomidine-Lignocaine based Opioid Free Anaesthesia in patients undergoing total abdominal hysterectomy.                                                            |
| 24 | DR. MARIA JOBY             | Anaesthesiology | MAMC | Preanaesthetic ultrasonographic evaluation of carotid flow time as a predictor of post spinal hypotension in patients undergoing caesarean section.                                                             |
| 25 | DR. MEENA K S              | Anaesthesiology | MAMC | Cardiac ultrasound in addition to lung and diaphragm ultrasound as a predictor of successful weaning from mechanical ventilation in patients admitted in intensive care unit.                                   |
| 26 | DR. NISHITA CHANDRA        | Anaesthesiology | MAMC | Coparative evaluation of effect of mother's recorded voice with stranger's recorded voice on occurrence of emergence delirium in pediatric patients.                                                            |
| 27 | DR. NISHTHA NARANG         | Anaesthesiology | MAMC | Comparative evaluation of ultrasound guided erector spinae plane block and transversus abdominis plane block for post operative analgesia in lower segment caesarean section under subarachnoid block.          |
| 28 | DR. NOORSABHA OLEKAR       | Anaesthesiology | MAMC | Dynamic ultrasound for identification of different nerves during axillary branchial plexus block.                                                                                                               |
| 29 | DR. PENDUM CHINDU KUMAR    | Anaesthesiology | MAMC | Comparison of efficacy of ultra-sound guided peri-capsular nerve group block with and without lateral cutaneous femoral nerve block for postoperative analgesia in patients undergoing fracture hip surgery.    |
| 30 | DR. PRIYANKA               | Anaesthesiology | MAMC | Ultrasonographic evaluation of early respiratory muscle strength recovery following neuromuscular reversal with Neostigmine versus Sugammadex.                                                                  |
| 31 | DR. PRIYANKA TYAGI         | Anaesthesiology | MAMC | Incidence of respiratory events in children following removal of Proseal laryngeal mask airway after total intravenous anaesthesia with Propofol and inhalational anaesthesia with Sevoflurane.                 |
| 32 | DR. RIDHI ROY              | Anaesthesiology | MAMC | Evaluation of effect of different levels of positive end expiratory pressure on lung compliance and driving pressure in patients undergoing laparoscopic abdominal surgery under general anaesthesia.           |
| 33 | DR. SAMIKSHYA SUMAN        | Anaesthesiology | MAMC | Association of genetic polymorphisms of GABRA1 and GABRA2 genes and hemodynamic responses to propofol in patients undergoing general anaesthesia.                                                               |
| 34 | DR. SHALINI CHAUDHARY      | Anaesthesiology | MAMC | Comparison of modified thoracoabdominal nerve block via perichondral approach with port site local infiltration for post operative analgesia after laparoscopic cholecystectomy: a randomized controlled study. |
| 35 | DR. SHERRY ARBELLA D MARAK | Anaesthesiology | MAMC | Effect of preoperative carbohydrate lollipop on gastric volume in fasting paediatric patients.                                                                                                                  |

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| 36 | DR. SIMRAN CHAHAL         | Anaesthesiology | MAMC | Comparison of the duration of sensory blockade of spinal anaesthesia with and without intravenous dexmedetomidine in patients undergoing lower limb orthopaedic surgery.                                               |
| 37 | DR. SOMYA GOEL            | Anaesthesiology | MAMC | Determination of the optimal ratio of ketamine-propofol combination for peri-induction hemodynamics.                                                                                                                   |
| 38 | DR. VARNIT SAINI          | Anaesthesiology | MAMC | Comparative evaluation of Minimum Alveolar Concentration (MAC) vs Bispectral Index (BIS) guided anaesthetic management on Desflurane consumption and recovery profile in elderly patients.                             |
| 39 | DR. ABHIJITH PRADEEP      | Anaesthesiology | MAMC | Operator ease and patient comfort during pre-oxygenation with high flow nasal oxygen cannula vs facemask in adult patients under general anaesthesia.                                                                  |
| 40 | Dr. Srishty Singla        | Anaesthesiology | UCMS | Minimum Effective dose of prophylactic oxytocin infusion during cesarean delivery comparison between patients with preterm versus term pregnancy                                                                       |
| 41 | Dr. Aditi Jain            | Anaesthesiology | UCMS | Comparison of three manually controlled prophylactic infusion doses of phenylephrine in preeclampsia patients undergoing caesarean section under spinal anaesthesia- A Randomised double- Blind trial                  |
| 42 | Dr. Rakesh Kumar          | Anaesthesiology | UCMS | Relative Potency of norepinephrine and Mephentermine bolus for the treatment of post spinal hypotension during elective caesarean section                                                                              |
| 43 | Dr. Priyatosh             | Anaesthesiology | UCMS | Efficacy of head up position versus supine position with high flow nasal oxygenation compared with conventional preoxygenation in patients undergoing exploratory laparotomy : a Randomized controlled study           |
| 44 | Dr. Vipin M               | Anaesthesiology | UCMS | Comparison of ramped versus sniffing position for orotracheal intubation using videolaryngoscope in obese patients                                                                                                     |
| 45 | Dr. Priyanka Kumari Singh | Anaesthesiology | UCMS | Evaluation of passive leg raise test using non-invasive percent change in pulse pressure for predicting post spinal hypotension in elderly patients- An Observational study                                            |
| 46 | Dr. Divya Gupta           | Anaesthesiology | UCMS | Serum NT- Probnp (N- Terminal propeptide Brain -type natriuretic peptide) As a prognostic marker in patients with preeclampsia admitted to intensive care unit: A Longitudinal study                                   |
| 47 | Dr. Anita Blessy C        | Anaesthesiology | UCMS | Evaluation of passive leg raise test using non-invasive percent change in pulse pressure for predicting post spinal hypotension during caesarean delivery- An observational study                                      |
| 48 | Dr. Shilpa Babu           | Anaesthesiology | UCMS | Efficacy and feasibility of mindfulness- Based intervention and pregablin in an integrated approach for the management of neuropathic pain in postherpetic neuralgia: A Randomised controlled study                    |
| 49 | Dr. Dileep Kumar          | Anaesthesiology | UCMS | Validation of the hindi version of the neuropathic pain symptom inventory (NPSI) for identification and assessment of Neuropathic pain                                                                                 |
| 50 | Dr. Akansha Verma         | Anaesthesiology | UCMS | Intraoperative dexmedetomidine for preventing postoperative delirium in women scheduled for malignancy surgery: A comparison of two maintenance doses                                                                  |
| 51 | Dr. Vinesh Meena          | Anaesthesiology | UCMS | Evaluation and comparison of the effect of same versus different Anesthesiologist on preoperative visits on preoperative anxiety and quality of recovery- A randomized controlled trial                                |
| 52 | Dr. Manjusha Armo         | Anaesthesiology | UCMS | Effect of Anesthesiologists's experience on difficulty encountered during videolaryngoscopy in patients undergoing general anaesthesia requiring tracheal intubation                                                   |
| 53 | Dr. Anjum Sefi            | Anaesthesiology | UCMS | Comparison of sternal height test as a predictive measure for difficult aryngoscopy and endotracheal intubation in late middle- Aged individuals for general anaesthesia                                               |
| 54 | Dr. Shubhang Singh        | Anaesthesiology | UCMS | A Randomized comparative study to evaluate inflammatory markers and neuroendocrine stress response markers in opioid free anesthesia versus conventional balanced anesthesia technique for laproscopic cholecystectomy |

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| 55 | Dr.Neha Singh                        | Anaesthesiology | UCMS          | Chronic pain prevalence in the general population :A Systematic review and meta-Analysis                                                                                                       |
| 56 | Maj. Dr. Roshni Annamma Chacko       | Anaesthesiology | Army Hospital | Effect Of Intravenous Lignocaine In Prevention Of Emergence Delirium After Sevoflurane Anesthesia In Paediatric Patients Undergoing Short Surgical Procedures                                  |
| 57 | Maj. Daulat Ram Famara               | Anaesthesiology | Army Hospital | Comparison Of High-Flow Nasal Cannula Versus Standard Oxygen Therapy Assisted Sedation During Endoscopic Retrograde Cholangiopancreatography                                                   |
| 58 | Maj. (Dr.). Patel Jalvin Bharatkumar | Anaesthesiology | Army Hospital | Clinical Outcomes In Tracheostomised Stroke Patients Admitted To The Intensive Care Unit Of A Tertiary Care Hospital: A Prospective Observational Study                                        |
| 59 | Maj. Dr. Kalariya Parthikkumar M     | Anaesthesiology | Army Hospital | Comparison Of Land Mark Versus Ultrasound Guided Lumbar Puncture Technique For Spinal Anaesthesia In Obese Patients                                                                            |
| 60 | Sqn Ldr (Dr.) Poonam Kondal          | Anaesthesiology | Army Hospital | Evaluation Of Predictive Value Of Map To Mpa Ratio In Outcomes Of Patients Undergoing Elective Cabg In A Tertiary Care Centre                                                                  |
| 61 | Sqr Ldr (Dr.) Kanwer Iqbal           | Anaesthesiology | Army Hospital | A Prospective Observational Study On Usefulness Of Aorto Caval Index For Predicting Post Spinal Hypotension Measured In Patients Undergoing Total Knee Replacement Under Spinal Anaesthesia    |
| 62 | Sqn Ldr (Dr.) Priyanka Uttam         | Anaesthesiology | Army Hospital | To Study The Agreement Between The Endotracheal Tube Size As Estimated By Ultrasonography And Standard Age Based Formula With Clinically Used Size In Paediatric Population                    |
| 63 | Major(DR) Jyoti Mehra                | Anaesthesiology | Army Hospital | Clinical audit of case cancellation on day of surgery and patient disposition: A prospective descriptive study                                                                                 |
| 64 | Major (Dr) Nagesh K H                | Anaesthesiology | Army Hospital | Bilateral Ultrasound-Guided Erector Spinae Plane Block Versus Surgical Site Infiltration For Postoperative Analgesia In Patients Undergoing Complex Spinal Surgery: A Randomized Control Trial |
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