

**Research projects (Non funded)****Protocols submitted for thesis work to be done**

| <b>S. No.</b> | <b>Name of Investigator</b> | <b>Co-Investigators</b>   | <b>Title of Project</b>   |
|---------------|-----------------------------|---|---|
| 1.            | Dr. Raksha Kundal           | Dr. Vishal Kant<br>Dr. Ranju Singh<br>Dr. Maitree Pandey<br>Dr. Yogesh K Sarin                      | Perioperative course of Covid-19 paediatric patients undergoing emergency surgeries   |
| 2.            | Dr. Kriti Puri              | Dr. Kriti Puri<br>Dr. Raksha Kundal<br>Dr. Garima Aggarwal<br>Dr. Ranju Singh<br>Dr. Maitree Pandey | A prospective Randomized Controlled Study To Compare Oropharyngeal Leak pressure in I-Gel versus LMA Supreme in Children in Lateral Position under General Anesthesia |

**Thesis submitted to the University of Delhi (Non Funded)**

| S. No | Funding Agency     | Name of the Project   | Principal Investigator                   | Faculty & Staff Involved  |
|-------|--------------------|-----------------------|--|---|
| 1     | Dr. Neha Verma     | Dr. Ajai Kumar        | Dr. Nishant Kumar,<br>Dr. Smita Tripathi | A Comparative study to evaluate I/V Fentanyl along with Dexmedetomidine, Magnesium sulphate or saline on stress Hormone Response to endotracheal intubation.                                    |
| 2     | Dr. Ravi Kumar     | Dr. Usha Saha         | Dr. Radhika Agarwala<br>Dr. Anju Jain    | Postoperative Pulmonary Function Tests and its Correlation with Postoperative serum Magnesium levels in adult patients undergoing elective Surgeries under general anaesthesia                  |
| 3     | Dr. Vishal Arora   | Dr. Sunil Kumar Sinha | Dr. Nitin Hayaran                        | A Comparative study to Assess the postoperative Analgesic Efficacy of Proximal Versus Distal Approaches of Ultrasound guided continuous Adductor canal block Following total knee Arthroplasty. |
| 4     | Dr. Neethu P.P     | Dr. Radhika Agarwala  | Dr. Usha Saha                            | Correlation of Post – Operative alteration in pulmonary function Tests with Body mass index in patients undergoing Elective surgeries under General Anaesthesia.                                |
| 5     | Dr. Saloni         | Dr. Pramod Kohli      | Dr. Maitree Pandey                       | Assessment of predictors of difficult airway in patients with diabetes mellitus posted for surgery under general Anaesthesia.   |
| 6     | Dr. Mareena Thomas | Dr. Maitree Pandey    | Dr. Pramod Kohli                         | Study of Perioperative Modified Early Obstetric Warning Scores Among Pregnancy Induced Hypertensive Patients Posted For Caesarean Deliveries  |
| 7     | Dr. Ruby           | Dr. Ranju Singh       | Dr. Aruna Jain                           | A comparative study to evaluate Intrathecal isobaric Ropivacaine with Hyperbaric bupivacaine for caesarean delivery in patients of pregnancy induced hypertension                               |
| 8     | Dr. Sanjana Mohan  | Dr. Anshu Gupta       | Dr. Maitree Pandey                       | Study of the predictors of difficult airway in children aged 3-15 years posted for surgery under general anaesthesia.   |

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|----|------------------|-------------------|-----------------------|--|
| 9  | Dr. Lalmunanzeli | Dr. Nitin Hayaran | Dr. Sunil Kumar Sinha | A comparative study to Evaluate the postoperative analgesic Efficacy of Erector spinae plane Block versus Thoracic Paravertebral block in patients following modified Radical Mastectomy.  |
| 10 | Dr. N. Eashwar   | Dr. Nishant Kumar | Dr. Aruna Jain.       | A study of relationship between bispectral index values and age adjusted minimum alveolar concentration during the maintenance phase of general anaesthesia in elective pediatric surgery. |