

## TITLE OF THESIS SUBMITTED BY THE POSTGRADUATE STUDENTS

### ANAESTHESIOLOGY

<b>S. No.</b>	<b>Plan of Thesis (Year 2008)</b>
1.	Comparison of measurement of cardiac output and related derived parameters measured by arterial pressure based cardiac output (APCO) using a Flotrac/Vigileo system with that measured by thermodilution based continuous cardiac output (cco) monitoring using a combocath in cardiac Surgery patients.
2.	Caudal Additives in paediatrics: a comparison between bupivacaine alone and co-administered with midazolam and clonidine
3.	Caudal epidural analgesia in children: A comparison of two different doses of clonidine/ bupivacaine combination with bupivacaine alone
4.	Brachial plexus block: Comparison of two different doses of clonidine added to bupivacaine.
5.	A comparative study of intrathecal bupivacaine with concomitant administration of epidural fentanyl with and without magnesium sulphate for post-operative analgesia in lower limb surgery.
6.	Evaluation of erythropoietin as a cardioprotective agent in coronary revascularization surgery
7.	Comparison of phenylephrine hydrochloride and mephentermine sulphate for prevention of hypotension during spinal anaesthesia in patients undergoing elective lower segment caesarean section
8.	Evaluation of effect of preoperative prolonged fasting on perioperative blood sugar, serum electrolytes and ketogenesis
9.	Hemodynamic profile and characteristics of subarachnoid block following intrathecal injection of clonidine as an adjuvant to hyperbaric bupivacaine in patients undergoing endoscopic bladder surgeries.
10.	Comparison of efficacy of caudal clonidine and fentanyl on analgesia, neuroendocrine stress response and emergence agitation in children undergoing lower abdominal surgeries under general anaesthesia with sevoflurane.
11.	To compare orotracheal intubation by rigid and flexible intubating fiberscope in anesthetised spontaneously breathing adult patients with simulated cervical spine injury.
12.	Comparative evaluation of transversus abdominis plane block vs transcutaneous electrical nerve stimulation as a part of multimodal analgesia following lower segment cesarean section
13.	Comparison of the effects of I.V. fentanyl & I.V. clonidine as premedicants in awake fiberoptic nasotracheal intubation
14.	Evaluation of I-gel as an intubating device: a comparison with intubating laryngeal mask airway.
15.	I-gel versus proseal laryngeal mask airway: a prospective randomized controlled study in mechanically ventilated patients.
16.	Evaluation of difficult airway predictors in pediatric population.

## ANAESTHESIOLOGY

<b>S. No.</b>	<b>Plan of Thesis (Year 2007)</b>
1.	To Evaluate the Clinical efficacy of total intravenous Anaesthesia in Paediatric Laparoscopic Surgery
2.	A Prospective Randomized Controlled study to evaluate and compare proseal LMA and disposable proseal with blended introducer (LMA-Supreme)
3.	To assess the efficacy of Epidural Dexamethasone for postoperative Analgesia after lower abdominal surgery for benign Gynaecological Disorders
4.	Evaluation of Paravertebral block with Bupivacaine for Postoperative Analgesia following modified Radical Mastectomy
5.	Comparative evaluation of different Airway assessment tests for prediction of difficult Laryngoscopy
6.	A Comparative study to determine the dose of Propofol for conventional versus Fiberoptic nasotracheal intubation without muscle relaxants
7.	Comparison of Ondansetron, Granisetron and combination of Granisetron and Dexamethasone for prevention of postoperative nausea and vomiting in patients undergoing laparoscopic surgery.
8.	Comparison of ketamine and fentanyl with propofol for the insertion of laryngeal mask airway in children
9.	Capsaicin-Doxepin Topical Cream, Oral pregabalin and continuous epidural infusion versus oral pregabalin and continuous epidural infusion for postherpetic neuralgia patients-A prospective, randomised, double-blind, placebo-controlled trial
10.	Determination of effective dose of lignocaine for successful intravenous regional anaesthesia with magnesium sulphate as an adjunct
11.	Prospective, Randomized comparison of general Anaesthesia and general Anaesthesia with Thoracic Epidural Anaesthesia, for outcome following laparotomy in secondary perforation peritonitis
12.	Recovery Characteristics of sevoflurane alone versus sevoflurane in combination with Isoflurane in Pre School children under going Day Care Surgery
13.	A Randomized Prospective Study to Compare the Efficacy of "Cobra" Perilaryngeal Airway Supraglottic Airway device over "Classic" Laryngeal Mask Airway during Controlled Ventilation for Gynaecological Laproscopy procedures
14.	Evaluation of Ambulation and Analgesia with Epidural Tramadol in Patients undergoing Lower Abdominal Surgery
15.	Comparative Evaluation of Cobra Pla with LMA Classic and LMA proseal with regard to their Insertion, Maintenance and Recovery characteristics

16.	Comparative Efficacy of 5HT3 Antagonists Ondansetron and Granisetron, in Combination with Dexamethasone for Prophylaxis of Postoperative Nausea and Vomiting in Elective Craniotomy Patients for Brain Tumor: A Randomised Controlled Doubled Blind Study
17.	A Prospective, Controlled, Randomized Study of Intra-operative Awareness and Post-Operative recall of Intra-operative events in Patients undergoing Coronary Artery bypass Graft Surgery under general Anaesthesia Supplemented with High Thoracic Epidural Analgesia
18.	A Clinical study to compare General Anesthesia with or without Thoracic Epidural Anesthesia in Adult Patients undergoing Beating Heart CABG (Coronary Artery Bypass Grafting) Surgery
19.	A Comparative Evaluation of Different Doses of Ketamine Hydrochloride given as Pretreatment in Proving Relief from Pain associated with Propofol injection during induction of Anaesthesia
20.	Cadual; Additives in Children: A comparative Evaluation of plain Bupivacaine with Ketamine V.S. Bupivacaine with Butorphanol