

Publications of Faculty from the department of Anaesthesia during the past 3 years:

1. Sharma J, Kumar S, Chander S, Duggal G. Comparative evaluation of Single Use Laryngeal Mask Airway: Laryngeal Mask Airway-Unique Ambu Laryngeal Mask with Reusable Laryngeal Mask Airway Classic in Pediatric Patients. International J. Life Sci. Biotechnol. Pharma. Res. Vol.12, No.1, Jan.-March 2023.
2. Sharma J, Kumar S, Jain Vishal, Duggal G. A Comparative evaluation of different priming doses of Propofol in reducing induction doses of Propofol and complication International J. Life Sci. Biotechnol. Pharma Res. Vol.12, No.2 April-June 2023.
3. Bhatiwala A, Aggarwal S, Virani S, Kumar S, Rewri P. Oculocardiac reflex during pupilloplasty under peribulbar block. Delhi Journal of Ophthalmology. 2023;33:105-6.
4. Kumar S, Agarwal R, Sharma J, Gajraj A. Unanticipated difficult intubation caused by vallecular cyst managed in an unconventional yet easy way. Airway. 2021;4(3):205.
5. Kumar S, Agarwal R. Negative intracuff pressure inside the deflated cuff of an endotracheal tube. Indian Journal of Anaesthesia. 2023;67(3):315.
6. Gajraj A, Arora R, Agarwal R, Kumar S, Mehta V, Sharma J. Comparative Study to Evaluate the Attenuation of Hemodynamic Response to Laryngoscopy and Endotracheal Intubation using Nebulised Lignocaine and Intravenous Lignocaine. International Journal of Pharmaceutical and Clinical research 2024; 16(1);865-870.
7. Sheetal Rani, Rishab Agarwal, Deepak Kumar, Sanjeev Kumar, Vibha Mehta. Effect of addition of Clonidine or Fentanyl to intrathecal Hyperbaric Ropivacaine 0.75% in lower limb surgeries: A Randomised Clinical Study 2025;7 (6); 559-565.

Year-2021

Sr. No.	Name of PG Student	Title of thesis
1	Dr. Rajat	Comparison of I-gel and Ambu auralgan as a conduit for blind endotracheal intubation in adult patients in elective surgeries.
2	Dr. Prince	Comparative study to evaluate the preoperative anxiolytic effects of nebulized Dexmedetomidine alone and with video distraction in pediatric population.

Year-2022

Sr. No.	Name of PG Student	Title of thesis
1	Dr. Anjul Rao	Oropharyngeal seal pressure and peak airway pressure in baska mask and proseal LMA in patients undergoing laparoscopic surgeries-a randomized controlled trial
2	Dr. Deepak Kumar	Effect of addition of clonidine or fentanyl to intrathecal 0.75% hyperbaric ropivacaine in lower limb surgeries: a randomized clinical study
3	Dr. Garima Badlia	Comparison of Block Buster LMA and I-GEL as a conduit for blind endotracheal intubation in adult patients undergoing surgeries under general

4	Dr. Kajal	anaesthesia A Comparative study to evaluate the efficacy of 0.75% ropivacaine alone or combined with dexmedetomidine in supraclavicular brachial plexus block in upper limb surgeries
5	Dr. Nitin	Systemic hemodynamic changes associated with intracameral adrenaline (1:1000) a randomized double blind placebo controlled study

Sr. No.	Name of PG Student	Title of thesis
6	Dr. Rajat Kathpal	A randomized controlled study to compare boluses of norepinephrine and phenylephrine for treatment of maternal hypotension following subarachnoid block in lower segment cesarean section
7	Dr. Shalini	Oropharyngeal seal pressure and peak airway pressure between baska mask and i-gel in patients undergoing laparoscopic surgeries : A randomized controlled trial
8	Dr. Shubham Bhardwaj	A prospective placebo controlled study to evaluate the effect of intravenous 2% xylocaine on intraocular pressure (IOP) during endotracheal intubation in non ophthalmic surgeries
9	Dr. Siminpreet Kaur	Efficacy of intrathecal block with hyperbaric ropivacaine 0.75% and hyperbaric levobupivacaine 0.5% in infraumbilical surgeries : A randomized controlled study

Year-2023

Sr. No.	Name of PG students	Title of thesis
1.	Dr. Nitin	Systemic haemodynamic changes associated with intracameral adrenaline (1:1000) : A randomized double blind placebo controlled study
2.	Dr. Akshay Kumar	Effect of preoperative nebulization with ketamine versus normal saline on incidence and severity of postoperative sore throat in patient undergoing general anaesthesia with endotracheal intubation: A randomized controlled trial
3.	Dr. Amit	A randomised controlled trial to compare the effect of carbon dioxide insufflation at different rates on hemodynamic parameters during laparoscopic surgery
4.	Dr. Ankit Batra	Comparative study of dexmedetomidine with or without pregabalin as premedication for conscious sedation in tympanoplasty under local anaesthesia: A prospective randomized controlled trial
5.	Dr. Ashmeet Laller	Comparison of fentanyl versus dexmedetomidine as an adjuvant to hyperbaric ropivacaine for spinal anaesthesia in infraumbilical surgeries: A randomized controlled study

Sr. No.	Name of PG students	Title of thesis
6.	Dr. Himani Sharma	Effect of preoperative dexmedetomidine nebulization on the hemodynamic response to laryngoscopy and intubation in general anaesthesia: A randomized

		controlled trial
7.	Dr. Varsha Jangra	Comparison of the effects of dexmedetomidine and fentanyl as an adjuvant to 0.5% hyperbaric levobupivacaine in lower abdominal surgeries: A randomized controlled trial
8.	Dr. Komal	Comparison of co-loading of same volume of crystalloid at different rates to prevent spinal anaesthesia induced hypotension during cesarean section: A randomised controlled trial
9.	Dr. Manisha	A randomised controlled trial comparing anaesthetic efficacy of 0.5% bupivacaine and 0.5% levobupivacaine in supra-clavicular brachial plexus block with peripheral nerve stimulator in upper limb surgeries
10.	Dr. Mayank Chauhan	Effect of intraperitoneal instillation of ropivacaine with and without dexmedetomidine for post- operative analgesia in laparoscopic cholecystectomy: A randomised controlled trial

Year-2024

Sr. No.	Name of PG Student	Title of thesis
1	Dr.Nisha	A comparative study to evaluate attenuation of hemodynamic response during tracheal extubation by intravenous Dexmedetomidine and Lignocaine: A prospective randomized control study.
2	Dr. Yash	Comparative study to evaluate the attenuation of Etomidate induced myoclonus by using Dexmedetomidine and Butorphenol.
3.	Dr.Neel	A comparative analysis of hemodynamic responses during clinical assessment –guided tracheal intubation versus neuromuscular block monitoring –guided tracheal intubation:A prospective randomized interventional study.
4.	Dr.Soumya	A comparison of Clonidine versus Fentanyl as adjuvants to intrathecal 0.5% Hyperbaric Bupivacaine in lower limb surgeries : A randomized clinical study.
5	Dr.Rahul	Comparison of preoperative nebulization with Dexmedetomidine versus Lignocaine on blunting of the hemodynamic response during laryngoscopy and endotracheal intubation.
6	Dr.Preeti	Comparison of efficacy of Clonidine and Dexmedetomidine as adjuvants to Ropivacaine 0.5% in supraclavicular brachial plexus block using peripheral nerve stimulator: A randomized control trial.
7.	Dr.Lavika	Intraperitoneal instillation of ropivacaine with and without Dexmedetomidine for post operative analgesia in laproscopic cholecystectomy : randomized control trial.
8.	Dr.Shagun	Comparison of thoracic segmental spinal anesthesia using isobaric Levobupivacaine 0.5% versus lumbar spinal anesthesia using hyperbaric Levobupivacaine 0.5% for paraumbilical surgery: A randomized controlled trail.
9.	Dr.Manisha	Comparative evaluation of two handed CE vs VE technique of face mask ventilation in effective ventilation of patients requiring general anesthesia : A randomized study.

Year-2025

	Name of PG Student	Title of thesis
1.	Dr.Komal	Comparative study of iv Magnesium sulphate and Dexmedetoidine as an adjuvant for intraoperative and postoperative analgesia in tympanoplasty under LA.
2.	Dr.Kuleshwar	Comaperison of recovery characteristics of low dose Sugammadex and Neostigmine- Glycopyrolate for the reversal of Rocuronium –induced neuromuscular blockade in patients undergoing elective surgeries under general anaesthesia: A randomized clinical trial.
3.	Dr.Monika	To compare analgesic efficacy of intraperitoneal instillation of Bupivacaine with Dexamethasone versus Bupivacaine alone in patients undergoing laproscopic cholecystectomy: A randomized controlled trial.
4.	Dr.Sunaina	To compare the efficacy of Dexamethasone and Dexmedetomidine as adjuvant to Bupivacaine (0.5%) for supraclavicular brachial plexus block in upper limb surgeries using peripheral nerve stimulator: A randomized controlled trial.
5.	Dr.Vivek	Comparison of effect of intraperitoneal Dexamethasone and Dexmedetomidine on Post-operative analgesia in Laproscopic Cholecystectomy surgeries: A randomized control trial.
6.	Dr.Vishal	Effect of intravenous low dose Dexmedetomidine as compared to placebo on sensory block duration in elderly patients undergoing lower limb surgery under spinal anaesthesia: A randomized controlled trial.
7.	Dr.Neha	Comparative evaluation of intravenous Magnesium Sulphate and intravenous Dexmedetomidine for attenuation of Hemodynamic Response to laryngoscopy and Endotracheal Intubation:A prospective randomized study.
8.	Dr.Anshu	Comparison of laryngoscopy view with arms in adducted and 90 abducted position in pre-obese patients undergoing direct Laryngoscopy: A Prospective Cross-over trial.