

Department of Anesthesiology



Dr. Ajit Gupta

MD (Anaesthesiology), Patna University

Professor & Head

Honours & Awards:

- Received “Health Care Achiever ‘s award – 2015 in Anesthesiology” by Times Group

Conference/Workshop/ Presentation/Participation:-

2014-15

Chaired scientific session:

- Epilepsy updates 2014
- Annual conference of Indian Society of Gastroenterology at Patna in 2014

Delivered CME Lecture:

- RSACPCON Bihar chapter in 2014

Conducted CME/workshop:

- Workshop on Cochlear Implant at IGIMS, Patna on 13th March 2015
- CME & Workshop “**Anaesthesia Interaction**” in year 2015, 2016 and 2017.

CME/workshop Participation:

- Up gradation of Examination system on 13th March 2015 at IGIMS, Patna
- Workshop on Biomedical & Clinical Research methodology-2015
- Neurology Update-2015 & 2016
- RSCPCON-2016

2015-16

1. Delivered lecture as invited speaker on Trauma Anaesthesia & Critical Care at Trauma Centre, Banaras Hindu University, Varanasi on 15-16th March 2016.
2. Delivered oration as at ISA BJSAC – 2015 at State level Conference of IS A at Bhagalpur on 27 – 29 Nov 2015.
3. Delivered CME lecture on programme “Interaction” organised by I S A Patna, City Branch on 10th October 2015.
4. Delivered Invited Lecture on Disaster Management Organised by Australasia Disaster Management core group at Pnom Penh, Combodia on 12th January 2016.

2016 - 17

1. Delivered oration at conference of ISA (East Zone) 2016 at Puri, Orissa on 8.09.2016 to 12.09.2016
2. Organized CME cum Workshop, delivered CME lecture on “Mechanical Ventilation ” Organized by ISA chapter, Bihar & Jharkhand at IGIMS, Patna on 13.11.2016
3. Organized CME cum Workshop on Advance Non Invasive Ventilation , organized by ISA Chapter, Bihar & Jharkhand at IGIMS, Patna on 05.03.2017
4. Chaired session in National Conference of RSACPCON 2016 at Patna on 01.0.17 to 05.02.17

Research Completed:

- Intraperitoneal Bupivacaine alone or with Dexmedetomidine for post-operative analgesia following laparoscopic cholecystectomy: A comparative evaluation.
- A comparative study between water soluble 2% lignocaine and water -soluble synthetic vegetable gum in Preventing of post intubation sore throat.
- Comparison between two different doses of Clonidine hydrochloride as an adjuvant to epidural Bupivacaine for post operative analgesia.
- Comparison of Ropivacaine 0.375% and Bupivacaine 0.375% in single shot paravertebral block using landmark technique in patients undergoing modified radical mastectomy.
- A comparative study of role of Flupirtine and Pregabalin as Pre-emptive analgesic in patients undergoing Laparoscopic cholecystectomy: A prospective, randomised, double blind, clinical study.
- Intraperitoneal Bupivacaine alone or with Dexmedetomidine for post-operative analgesia following laparoscopic cholecystectomy: A comparative evaluation.
- Study of severity of Pain on injection of Propofol, Propofol LCT versus Propofol MCT/ LCT. A Randomise, double bind parallel group study

Research Continuing:

- Study of severity of Pain on injection of Propofol, Propofol LCT wersus Propofol MCT/LCT: A Randomised, double blind paralld group study.
- Evaluating cis-Atracurium: Comprising different doses for tracheal intubation.
- Studying awareness in society regarding anaesthesia as a specialized branch of medicine: where do we exist?
- A comparative study to evaluate cisatracurium and Atracurium for abdominal surgeries : Regarding condition of Intubation and hemodynamic effects
- Comparative study between intrathecal magnesium sulphate and intrathecal fentanyl as an adjuvant to Bupivacaine in spinal anaesthesia for patients undergoing lower limb orthopaedic surgery
- Minimal intubating dose of succinylcholine : a comparative study of 0.4mg/kg, 0.5 mg/kg and 0.6mg/kg dose
- To compare different dosages of Intrathecal chloroprocaine (1%) in day care setting for urological procedures.
- To compare(1%) intrathecal chloroprocaine (40mg) with adjuvant Clonidine 30 mcg and 0.5% bupivacaine (7.5mg) with adjuvant Clonidine 30 meg in patients undergoing below umbilical surgery.

Publications

1. **Gupta A**, Shekher S, Ankesh, K. Rajesh, Prakash J, Minimal intubating dose of Succinylcholine : A Comparative Study of 0.4, 0.5 and 0.6 mg /kg doses, IJCP Sept 2016; Vol.27, NO 4: 322-325
2. **Gupta A**, Mumtaz H, Thakur V, Prakash J. Prevention of Critical events in Pediatric Surgery: Set guidelines and protocol saves neonate from un-necessary TOF surgery, IJCP, Sep. 2017 Vol.27, NO.4:326-327
3. Kant S, **Gupta A**, K Arvind, K. Ritesh, Raghwendra K.H. Stevens- Johnson Syndrome/Toxic epidermal necrolysis : A critical care challenge. IJCP Sept 2016, Vol. 27 No.4 : 336-338
4. K. Neeraj, Sanjeev O, **Gupta A**, Bhadhani V K, K. Manish : Combination of oral gabapentin and i.v. ondansetron for the prevention of postoperative nausea and vomiting in females after laparoscopic cholecystectomy surgery : A prospective and comparative study. Indian J. of Applied Research, June – 2017 Volmn. 7. Issue 6: 248-250

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