

KAPIL GUPTA

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EDUCATION AND TRAINING

Fellowship: Hepatobiliary & Transplantation Anesthesia Canada

Fellowship: Regional Anesthesia & Ambulatory Anesthesia Canada

Fellowship: Intensive Care Unit Sydney, Australia

PRESENT APPOINTMENT

Professor

Anesthesiology & Critical Care

Vardhman Mahavir Medical College

And Safdarjung Hospital

Guru Gobind Singh Indraprastha University

New Delhi, India

MEDICAL LICENSURE

ECFMG (USA)

Delhi Medical Council

Medical Council of India

College of Physicians & Surgeons of Ontario, Canada

HONORS AND AWARDS

Best Paper Award– White mountain award 2019 **5/2019**

SAMBA 2019- 34th Annual Conference of Society for
Ambulatory Anesthesia Austin, Texas, United States of America

Best Paper Award– White mountain award 2018 **5/2018**

SAMBA 2018- 33rd Annual Conference of Society for
Ambulatory Anesthesia, Miami, United States of America

Best Paper Award– Travel award 2017 **5/2017**

SAMBA 2017 – 32nd Annual Conference of Society for
Ambulatory Anesthesia, Scottsdale, Arizona, United States of America

Laws Travel fellowship award 2017- Best Fellow Award **4/2017**

Canada

Martyn J Roberts Fellowship Award 2017 **7/2017**

For Academic & Teaching Excellence

Canada

Best Paper Prize- ISACON 2016 **11/2016**

Annual conference of Indian Society of Anesthesia, Ludhiana, India

1st Prize in Quiz on 'Difficult Airway'

Organized by ISA/WFSA at JLNMC, AMU, Aligarh, India

Topper- Union Public Service Commission exam, India

EXECUTIVE SCIENTIFIC COMMITTEE MEMBER

SAMBA- Society for ambulatory anesthesia, United States of America- Scientific committee, Clinical Practice Guidelines committee, Education committee, International relations committee, regional anesthesia committee member, Scientific papers and Non-operating room anesthesia committee

AORA- Academy of Regional Anesthesia- Executive Committee- protocols & guidelines

ICACON- Indian College of Anesthesiology- Executive Committee- protocols & guidelines

REVIEWER OF JOURNAL

Journal of Anesthesiology Clinical Pharmacology

ATLS INSTRUCTOR

EXAMINER- ANESTHESIOLOGY

Diplomate of National Boards (National Board of Examinations)

Anesthesiology, India

Doctor of Medicine (MD) Anesthesiology, India

CHAIRPERSON AND POSTER MODERATOR

(INTERNATIONAL CONFERENCES)

Mountain Award Best Paper Judge **5/2020**

SAMBA, 2020- 35th Annual Conference of Society for
Ambulatory Anesthesia, Web-Conference, USA

Best Paper Award Judge **2/2020**

18th North Zone Indian Society of Anesthesia Conference
Government Medical College, Amritsar, Punjab, India

Poster Moderator **5/2019**

SAMBA 2019- 34th Annual Conference of Society for
Ambulatory Anesthesia, Austin, Texas, United States of America

Chaired Session **7/2019**

Documentation of Regional Anesthesia Block, Thoracic and
Abdominal Blocks & Regional Anesthesia in patients on

anti-coagulants, Academy of Regional Anesthesia

Coimbatore, India

Poster Moderator

4/2018

Cardiovascular Anesthesia and Peri-operative Management

International Anesthesia Research Society 2017 Annual

Meeting and International Science Symposium, Chicago, USA

Poster Moderator

4/2018

Hepatobiliary surgeries and Transplant Anesthesia

International Anesthesia Research Society (IARS) 2017

Annual Meeting and International Science Symposium

Chicago, USA

Chaired Symposium on 'Lung Transplantation'

10/2019

First International & Annual meeting of Indian

Society for heart & Lung Transplantation, New Delhi, India

Chaired session

9/2017

Paravertebral Block, Epidural Block and Spinal Anesthesia

Academy of Regional Anesthesia, Indore, India

Chairperson

12/2010

Robotic Anesthesia, Eye blocks and spinal adjuvant drugs

Indian Society of Anesthesiology Conference Lucknow, India

PUBLICATIONS (PEER REVIEWED AND INDEXED JOURNALS)

META-ANALYSIS AND SYSTEMATIC REVIEW

Gupta K, Prasad A, Nagappa M, Wong J, Abrahamyan L, Chung F. Risk Factors for Opioid Induced Respiratory Depression in Surgical Patients: A Systematic Review and Meta-Analyses. *BMJ Open*.

2018;8:e024086.doi:10.1136;

URL <https://bmjopen.bmj.com/content/8/12/e024086.info>

RESEARCH PUBLICATIONS

Gupta K, Dayal PD, Bhandari S, Kumar A, Todaro C, Gogia AR, Malhotra P. Is it time to rethink about protocols for managing intraoperative serum potassium and blood glucose levels during off-pump coronary artery bypass surgery? *Egypt J Cardiothorac Anesth* 2018;12:17-26.

URL: <http://www.ejca.eg.net/text.asp?2018/12/2/17/244161>

Gupta K, Sondergaard S, Parkin G, Leaning M, Aneman A. Applying mean systemic filling pressure to assess the response to fluid boluses in cardiac post-surgical patients. *Intensive Care Med*.2015;41(2): 265-72. **PMID:** 25567379

Gupta K, Vohra V, Sood J. The role of magnesium as an adjuvant during general anesthesia. *Anesthesia*. 2006; 61:1058-63 **PMID: 17042843**

Chauhan G, Madan D, **Gupta K**, Kashyap C, Maan P, Nayar P. Effect of intraoperative intravenous crystalloid infusion on post-operative nausea and vomiting after diagnostic gynaecological laparoscopy: comparison of

30ml/kg and 10ml/kg and to report the effect of the menstrual cycle on the incidence of post-operative nausea and vomiting. *Anesth Essays Res.* 2013; 7(1):100-4. PMID: **25885729**

Gupta K, Srikanth K, Girdhar KK, Chan V. Analgesic efficacy of ultrasound-guided paravertebral block versus serratus plane block for modified radical mastectomy: A randomised, controlled trial. *Indian J Anaesth.* 2017 May;61(5):381-386. PMID: **28584346**

Chauhan G, Nayar P, Seth A, **Gupta K**, Panwar M, Aggarwal N. Comparison of clinical performance of the I-gel with LMA Proseal. *J Anaesth Clin Pharmacol.* 2013; 29 (1): 56-60. PMID: **23493414**

Gupta K, Girdhar K.K, Anand R, Majgi S.M, Gupta S.P, Gupta P.B. Comparison of haemodynamic responses to Intubation - Flexible Fiberoptic Bronchoscope Vs Bonfils Rigid Intubation endoscope. *Indian J Anaesth.* 2012 (july); 56(4): 353-58. PMID: **23087457**

Kumar R, **Gupta K**, Kumar S, Gupta N, Taneja B. A Prospective, Randomized Study to Compare the Ambu Laryngeal Mask with Classic Laryngeal Mask Airway during General Anesthesia and Muscle Relaxation in Adults. *J Anaesth Clin Pharmacol.* 2009; 25:165-70

REVIEW ARTICLES

Gupta K, Prasad A, Nagappa M, Wong J, Abrahamyan L, Chung F. Risk factors for opioid induced respiratory depression and failure to rescue: a review. *Curr Opin Anaesthesiol.* 2018 Feb;31(1):110-119; PMID: **29120929**

Gupta K, Mehta Y, Jolly AS, Khanna S. Anesthesia for robotic gynaecological surgery. *Anesth Intensive Care.* 2012. Jul; 40(4): 614-21. PMID: **22813488**

Gupta K, Mehrotra M, Kumar P, Gogia AR, Prasad A, Fisher JA. Smoke inhalation injury: Etiopathogenesis, diagnosis, and management. *Indian J Crit Care Med* 2018;22:180-8. PMID: **29657376**

CASE REPORTS

Chauhan G, **Gupta K**, Nayar P. Meralgiaparesthetica after total hip arthroplasty in supine position. *Saudi J Anaesth.*2013;7(1): 105-6. PMID: **23717250**

Chauhan G, **Gupta K**, Nayar P. Parsonage-Turner syndrome after interscalene block for diagnostic arthroscopic surgery of shoulder joint. *Saudi J Anaesth.* 2013; 7(1): 104-105. PMID: **23717249**

Chauhan G, **Gupta K**, Kashyap C, Nayar P. Anesthetic management of patient with systemic lupus erythematosus and thrombocytopenia for vaginal hysterectomy. *Anesth Essays Res.* 2013; 7(1):136-7. PMID: **25885737**

Chauhan G, **Gupta K**, Nayar P. Severe hypotension during general anesthesia in a patient on chronic high dose Tamsulosin therapy. *Anesth Essays Res.* 2013; 7(2): 285-6. PMID: **25885851**

Gupta K, Gupta M, Mehrotra M, Prasad J. Anesthesia for repair of anomalous origin of left coronary artery from pulmonary artery. ? *Indian J Anaesth.* 2015;59(2):136-7. PMID: **25788755**

Kumar A, **Gupta K**, Gupta M, Bhandari S. Fatal drug errors in Anesthesia: Can we override? *Indian J Anaesth.* 2014;58(6):785-6. PMID: **25624562**

Gupta K, Bhandari S, Singhal D, Bhatia P.S. Pneumothorax following ultrasound guided supraclavicular brachial plexus block. *J Anaesth Clin Pharmacol* 2012; 28(4):543-4. PMID: **23225954**

Kumar A, **Gupta K**, Bhandari S, Singh R. Folding back of central venous catheter in the internal jugular vein: Method to diagnose this at time of insertion? *Indian J Anaesth.* 2013(Jan); 57(1): 104-105. PMID: **23716794**

Chauhan G, Diwan S, **Gupta K**, Maan P, Nayar P. Intraoperative Takotsubo cardiomyopathy during carotid body tumor excision: an indication for therapeutic use of Levosimendan". *J Anaesth Clin Pharmacol .* 2013 (Apr); 29(2): 265-7. PMID: **23878459**

Gupta K, Bhandari S, Singhal D, Bhatia P.S. Pneumothorax following ultrasound guided supraclavicular brachial plexus block. *J Anaesth Clin Pharmacol* 2012;29 (4):135-6

Ansari M.M, **Gupta K**, Bhandari S, Haleem S. Amoxicillin/ Clavulinic acid induced anaphylaxis during anesthesia. *J Anaesth Clin Pharmacol.* 2012 Oct; 28(4):531-532. PMID: **23225944**

Gupta K, Prem Kumar G.V, Bansal A, Mehta Y. Burn injury by displacement of electrocautery plate. *Indian J Anaesth* 2011 Nov; 55(6): 634-35. PMID: **22223919**

Gupta K, Gupta SP, Jose S, Balachander H. Low dose spinal anesthesia for peripartum cardiomyopathy. *J Anaesth Clin Pharmacol.* 2011 Oct; 27(4): 567-8. PMID: **22096304**

Bhandari S, Gupta S.P, **Gupta K**, Kumar A. Accidental intraoperative avulsion of external inflation tubing of armoured endotracheal tube. *J Anaesth Clin Pharmacol.* 2012 Jan; 28(1):132-133. PMID: **22345968**

Gupta K, Chauhan G, Gupta SP, Gupta P. Ethnicity determine the pharmacokinetics of propofol. *Anesthesia.* 2012

Gupta K, Subramanian A, Badhe A. Do not forget to ask the last meal time. *J Anesth.* 2011; 24(3):497-8. PMID: **20333414**

Gupta K, Balachander H, Badhe A, Mohan R. Pacemakers not essential in all congenital complete heart blocks. *J Anesth.* 2010; 24(4):660-1. PMID: **20386931**

Gupta K, Girdhar K, Manchanda G, Goel N, Anand R. Should serum calcium levels be measured preoperatively in all multiparous lactating females? *Anesth Intensive Care.* 2009; 37(5):866. PMID: **19775065**

Gupta K, Aggarwal N, Rao M, Verma U.C, Anand R. Re-emphasizing the importance of tourniquet time: Severe myocardial depression following tourniquet deflation. *Acta Anaesthesiol Scand.* 2008;52(6):87. PMID: **18582321**

Anand R, **Gupta K**, Kumar R, Wadhawan S. Two-person capnography-cum-vision guided endotracheal intubation in a case of laryngeal growth covering the glottic opening. *Acta Anaesthesiol Scand.* 2008;52:581-82. PMID: **18339177**

Vohra V, **Gupta K**. Magnesium as adjuvant during general anesthesia. *Anesthesia.*2007;62:634-35

Goel N, **Gupta K**, Bhaduria P, Anand R. Anaesthetic considerations in Metabolic Syndrome X. *Indian J Anaesth* 2010; 54 (1): 74-75. PMID: **20532086**

Kundra P, Naggapa M, Babu L, **Gupta K**. Novel may be risky and Unethical Option. *J Anaesth Clin Pharmacol.* 2010;26(3):428

Kundra P, Naggapa M, Babu L, **Gupta K**. A novel technique to avoid tracheal injury during intubation with stylet and flexometallic endotracheal tube. *J Anaesth Clin Pharmacol* 2010;26(2):275-276

Gupta K, Thakur S, Bhadoria P. Neonate with “Tracheo-esophageal fistula, Down’s syndrome and congenital heart disease” - An Anaesthetic challenge. *Indian J Anaesth* 2009; 25: 704-5

Goel N, **Gupta K**, Wadhawan S, Verma P, Anand R. Undiagnosed Takayasu’s Arthritis: An anaesthetic Challenge. *J Anaesth Clin Pharmacol* 2009;25(4):505-06

Ganguly N, **Gupta K**, Sood J, Bhattacharya A. Fat Embolism Syndrome Variant presenting in early postoperative period. *J Anaesth Clin Pharmacol* 2008;24(2): 235-236

INVITED FACULTY LECTURES DELIVERED

“Anesthesia Management for a patient with Severe Pulmonary Artery Hypertension for Exploratory Laparotomy” ISACON Annual Conference, Delhi, India	10/2020
“Opioid Free Anaesthesia- Pro-Con Session” Hamdard Institute of Medical Sciences & Research Delhi, India	2/2020
“FATE- Focused Transthoracic Echocardiography” 18 th North Zone Conference of Indian Society of Anesthesiology, Amritsar, India	2/2020
“Serratus Anterior Plane block, FAST & Lung Ultrasound” Eleventh Advanced Regional Anesthesia & Ultrasound Workshop Lectures & Live Relay - Care Hospital, Hyderabad	1/2020
“Anesthesia considerations for Robotic Surgeries”	12/2019

Post Graduate Anesthesia Refresher Course
UCMS & GTB Hospital, Delhi, India

- “To administer Blocks before GA or After GA: pro-con debate”** Comprehensive Symposium on Ultrasound for Anesthesiologists, AIIMS, New Delhi, India **12/2019**
- ‘PECS and Serratus Anterior Plane Block’** **11/2019**
Conference cum Workshop **“FARA & POCUS 2019”**
Faridabad, India
- “Panel discussion on Multisystem Trauma”** **11/2019**
Sir Ganga Ram Hospital, New Delhi, India
- “Serratus Anterior Block, Erector Spinae block, Paravertebral Block” and “Lung Ultrasound”** **11/2019**
Conference cum workshop **“ULTRACON 2019”**
“Ultrasound for Anesthesiologist and Intensivist”
Safdarjung Hospital, New Delhi, India
- “Clinical Pearls: Lung Transplant”** **10/2019**
Annual meeting of Indian Society for Heart and Lung Transplantation, Delhi, India
- “One lung ventilation for VATS thymectomy in a child with thymoma and myasthenia gravis”** **9/2019**
ISA meeting, Safdarjung Hospital, New Delhi, India
- “Stay & Play at local hospital”** **7/2019**
Conference cum workshop on **“Critical Care in Trauma- Aiming at higher standards, better outcome”**
PGIMER, Chandigarh, India
- Serratus Anterior Plane block and PECS blocks** **2/2019**
“Eighth Interventional Perioperative Sonography Workshop”

Max Superspeciality Hospital, Saket, Delhi, India

Ultrasound guided Fascial Plane Blocks **9/2017**

CAME 2017, Medanta Medicity, Gurgaon, India

“Erector Spinae Block and Retrolaminar block” **9/2017**

AORA 2017- Academy of Regional Anesthesia of India
Indore, India

“Serratus Anterior Plane Block” **9/2017**

AORA- Academy of Regional Anesthesia of India
Indore, India

Ultrasound in DVT & pulmonary embolism **2/2016**

CRITICARE 2016- 22nd Annual Conference of Indian Society
Of Critical Care Medicine & International Sepsis Forum
Agra, India

Ultrasound in critically ill patient- Blue & Falls Protocol **10/2015**

16th North Zone Annual Conference of
Indian Society of Anesthesia, Dharamshala, India

Ultrasound assessment in Respiratory Distress **3/2015**

21st Conference of Indian Society of Critical Care Medicine
Bangalore, India

Weaning from mechanical ventilation **11/2015**

Course cum workshop on ICU management of H1N1
Influenza for state level master trainers, Delhi, India

Faculty in Indian Organ Donation Awareness Program **12/2015**

VMMC & Safdarjung Hospital, New Delhi, India

Lung Ultrasound - ULTRACON 2013	11/2013
CME cum workshop on "Role of Ultrasound in Anesthesia" Workshop on Transesophageal Echocardiography & Ultrasound guided nerve blocks and CVP cannulation Delhi, India	
Interscalene/ Supraclavicular nerve block	11/2013
CME cum workshop on "Role of Ultrasound in Anesthesia" Workshop on Transesophageal Echocardiography & Ultrasound guided nerve blocks and CVP cannulation Delhi, India	
Instrumental ECG- RSACP, 2013	10/2013
National Conference of Research Society of Anesthesiology & Clinical Pharmacology Srinagar, India	
"Fume inhalation injury management from ED to ICU"	12/2013
ISACON 2013- 61 st annual conference of ISA Guwahati, India	
Airway management and resuscitation in Burns	12/2011
59 th annual conference of Indian Society of Anesthesiology Mumbai, India	
Panel discussion on 'fluid management in trauma'	12/2011
59 th annual conference of Indian Society of Anesthesiology Mumbai, India	
Inhalation injury- Anesthesia Considerations	11/2011
National Conference of Research Society of Anaesthesiology And Clinical Pharmacology, Cochin, India	

“Anesthesia and Robotic Surgeries”- Video Lecture 9 th Congress of SAARC Association of Anesthesiologists Bangalore, India	8/2011
“Anesthesia considerations for Robotic Surgeries” National Conference of Research Society of Anesthesiology & Clinical Pharmacology- Bangalore, India	10/2010
Anesthesia and robotic hysterectomies 3 rd National Conference of the Association of Obstetric Anesthesiologists, Shillong, India	9/2010
“Anesthesia Considerations for Burns” 18 th Annual Conference of National Academy of Burns JIPMER, Pondicherry, India	1/2010

WORKSHOPS CONDUCTED

“Transthoracic Echocardiography- FATE”	2/2020
“Ultrasound guided TAP & Rectus Sheath Block” 10 th Interventional Perioperative Sonography Workshop Max Hospital, New Delhi, India	
“Ultrasound guided upper limb blocks” 18 th North Zone ISACON 2020 Government Medical College, Amritsar, India	2/2020
“Lung Ultrasound”	1/2020

11th Advanced Regional Anaesthesia & Ultrasound Workshop
Care Hospital, Hyderabad, India

“Upper limb blocks in Cadavers” **12/2019**

Comprehensive Symposium on Ultrasound for Anesthesiologists
AIIMS, New Delhi, India

“Lower limb blocks in Volunteers” **12/2019**

Comprehensive Symposium on Ultrasound for Anesthesiologists
AIIMS, New Delhi, India

“PECS and Serratus Anterior Plane Block” **11/2019**

“FARA & POCUS 2019” - USRA & POCUS’
Faridabad, Haryana, India

Organizing Secretary-ULTRACON 2019 **11/2019**

Theme **“Ultrasound for Anesthesiologist and Intensivist”-**
Ultrasound guided nerve blocks, FAST, FATE, Lung Ultrasound,
Gastric Ultrasound, Orbital Ultrasound and CVP cannulation
Safdarjung Hospital, New Delhi, India

“Intermediate & Advanced Plexus Blocks **7/2019**

Ultrasound guided Serratus Anterior Plane Block, Erector Spinae
Plane Block, Paravertebral Block & Quadratus Lumborum Block”
AORA 2019 Academy of Regional Anesthesia of India
Coimbatore, India

“Serratus Anterior Plane block and PECS blocks” **9/2019**

“1st International Conference & 11th National Conference

of Indian College of Anesthesiologists”

Max Superspeciality Hospital, Saket, Delhi, India

“Serratus Anterior Plane block and PECS blocks”

2/2019

Eighth Interventional Perioperative Sonography Workshop”

Max Superspeciality Hospital, Saket, Delhi, India

**Ultrasound guided Suprascapular nerve block,
Axillary nerve block, Femoral nerve block and
Adductor canal block. Cadaveric advanced Ultrasound in
Perioperative & Regional Anesthesia
New Delhi, India**

1/2019

Serratus Anterior Plane Block

9/2017

Academy of Regional Anesthesia of India
Indore, India

**Masterclass in Uro-Oncology with
Live Operative International Workshop**

3/2016

North Zone of Urological Society of India
New Delhi, India

ECHO and Ultrasound in ICU

2/2016

22nd Annual Conference of Indian Society of
Critical Care Medicine & International Sepsis Forum
Agra, India

Femoral nerve block & Phantom limb workstation

1/2014

AIIMS Ultrasound Guided Regional Anesthesia Workshop
AIIMS, Delhi, India

Organizing Secretary-Ultracon 2013

11/2013

CME cum Workshop on “**Role of Ultrasound in Anesthesia**”

Workshop on Transesophageal Echocardiography and

Ultrasound guided nerve blocks and CVP cannulation

V.M.M.C & Safdarjung Hospital, Delhi, India

Interscalene/Supraclavicular Brachial Plexus nerve block **11/2013**

ULTRACON 2013- CME cum workshop on

“Role of Ultrasound in Anesthesia”

Workshop on Transesophageal Echocardiography and

Ultrasound guided nerve blocks and CVP cannulation

Delhi, India

Demonstration of Transesophageal Echocardiography **11/2013**

ULTRACON 2013- CME cum workshop on

“Role of Ultrasound in Anesthesia”

Workshop on Transesophageal Echocardiography and

Ultrasound guided nerve blocks and CVP cannulation

Delhi, India

Femoral nerve block- Live relay from operating room **11/2013**

ULTRACON 2013- CME cum workshop on “Role of

Ultrasound in Anesthesia”- Workshop on Transesophageal

Echocardiography & ultrasound guided nerve blocks, Delhi, India

PAPERS PRESENTED IN CONFERENCES (MODERATED)

(NATIONAL & INTERNATIONAL)

Gupta K, Nagappa M, Prasad A, Wong J, Abrahaman L, Chung F- Risk factors for opioid induced respiratory depression in surgical patients: a systematic review & meta-analysis- 39th Annual Shields Research day – 11 May, 2018- **University of Toronto, Toronto, Canada**

Gupta K, Prasad A, Nagappa M, Wong J, Chung F- Risk factors for opioid induced respiratory depression in post-operative period: a review - **American Society of Anesthesia conference 2017, - 22 October, 2017- Boston, United States of America**

Gupta K, Vincent Chan- Comparison of Ultrasound Guided Paravertebral Block with Ultrasound Guided Serratus Plane Block for Modified Radical Mastectomy- Moderated Session- **42th Annual Regional Anesthesiology & Acute Pain Meeting (ASRA 2017) – 4-6 April, 2017- San Fransisco, California, United States of America**

Gupta K, Prasad A, Vincent Chan- Comparison of Ultrasound Guided Paravertebral Block with Ultrasound Guided Serratus Plane Block for Modified Radical Mastectomy- 32nd Annual Conference of Society of Ambulatory Anesthesia (SAMBA 2017) – 4-6 May, 2017 - **Scottsdale, Arizona- United States of America**

Gupta K. Comparative evaluation of Isobaric Ropivacaine (0.75%) with adjuvants- Clonidine and Dexmedetomidine administered intrathecally – in adult patients undergoing infra-umbilical surgeries– **40th Annual Regional Anesthesiology & Acute Pain Meeting (ASRA 2015) – 14-16 May, 2015- Las Vegas, Nevada, United States of America**

POSTER PRESENTED IN CONFERENCES (MODERATED)

(NATIONAL & INTERNATIONAL)

KAPIL GUPTA

Gupta K, Mc Clutsky S, Antonio C.M, Hicks T, Pearsall E. Optimizing ERAS fluid management: Association of intra-operative fluid volume and recovery following colorectal surgery- **SAMBA 2019**- 34thAnnual Conference of Society for Ambulatory Anesthesia- 9th -11th May, 2019- **Austin, Texas, United States of America**

Gupta K, Nagappa M, Prasad A, Abrahamyan L, Wong J, Weingarten T.B, Chung F - Risk factors for opioid induced respiratory depression in surgical patients: a systematic review & meta-analyses- Art Slutsky Research Day- Interdepartmental division of critical care medicine, **University of Toronto, Toronto, Canada** - June 19, 2018

Gupta K, Prasad A, Nagappa M, Wong J, Chung F- Risk factors for opioid induced respiratory depression in surgical patients: a systematic review & meta-analyses- International Anesthesia Research Society (IARS) 2018 Annual Meeting and International Science Symposium, **Chicago, USA**- 28 April, 2018

Gupta K, Prasad A, Nagappa M, Wong J, Chung F- Risk factors for opioid induced respiratory depression in postoperative period- Society of Anesthesia and Sleep Medicine 2017 (SASM), - 21 October, 2017- **Boston, United States of America**

Gupta K, Prasad A, Nagappa M, Wong J, Chung F- Risk factors for opioid induced respiratory depression in postoperative period – Obesity Symposium 2017 – ISPCOP (International Society of Perioperative Care of Obese Patient), - 23 October, 2017- **Boston, United States of America**

QUIZ CONDUCTED AS QUIZMASTER

9/2017

Invited to conduct Quiz on latest ultrasound guided blocks
AORA- Academy of Regional Anesthesia of India
Indore, India