

## CURRICULUM VITAE

NAME : Dr. KAPIL GUPTA

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### CURRENT POST

**I have been working in Canada as anesthesiologist for last few years. I did Fellowship in Regional Anesthesia from Toronto, University of Toronto, Canada, which is pioneer university with world renowned pioneers of ultrasound guided nerve blocks. I also did fellowship in Hepato-Biliary & Transplant Anesthesia from Toronto, Canada.**

**I have an experience of EIGHTEEN YEARS in ANAESTHESIOLOGY, PAIN & PERIOPERATIVE MEDICINE, INTENSIVE CARE UNIT & TRAUMA CENTER.**

**I have won many awards from University of Toronto for Clinical Excellence and academics. My papers have won many awards in International conferences in USA. I have won 1st prize in Quiz, organized by World Federation Society of Anesthesia/Indian Society of Anesthesia on ‘Difficult Airway’ in India.**

**I am certified ATLS instructor, teaching 10<sup>th</sup> edition course of ATLS in Canada. I am also member of executive committee of SAMBA (Society of Ambulatory Anesthesia), USA.**

**I have been invited to deliver faculty lectures in various national and international conferences and also organized workshops on ultrasound guided nerve blocks. I organized a conference cum workshop (ULTRACON 2013) on 23-24<sup>th</sup> November, 2013 on “Role of Ultrasound in Anesthesia” as the organizing secretary. I am actively involved in**

research work and have **18 international and 21 national publications (indexed journals with high impact factor)**.

**Field of interest: Cardiac/lung/ Liver Transplant, Ultrasound guided nerve blocks, Lung ultrasound, Robotic surgery, Thoracic anesthesia.**

## **AWARDS**

1. **Best Paper Award– White mountain award 2018- SAMBA 2018- 33<sup>rd</sup> Annual Conference of Society for Ambulatory Anesthesia – Risk factors for opioid induced respiratory depression in surgical patients: a systematic review and meta-analyses- 3-5 May, 2018- Miami, United States of America**
2. **Best Paper Award– Travel award 2017- SAMBA 2017 – 32<sup>nd</sup> Annual Conference of Society for Ambulatory Anesthesia-Ultrasound Guided Serratus anterior block vs paravertebral block for modified radical mastectomy-- 4-6 May, 2017- Scottsdale, Arizona, United States of America**
3. **Laws Travel fellowship award 2017- Have got Best Fellow Award from University of Toronto – Toronto, Canada**
4. **Martyn J Roberts Fellowship Award for Academic & Teaching Excellence – Toronto, Canada.**
5. **My paper won 2nd prize in ISACON 2016 (Annual conference of Indian Society of Anesthesia)- Ultrasound Guided Serratus anterior block vs paravertebral block for modified radical mastectomy- November 23th-25th, 2016, Ludhiana, India**
6. **Won 1<sup>st</sup> Prize in Quiz on ‘Difficult Airway’ organized by ISA/WFSA at JLNMC, AMU, Aligarh on 30<sup>th</sup> Nov. 2003.**

7. Topper- Union Public Service Commission exam - India- 2010
8. President of India, Award - By Dr. R.Venkataraman President of India – Rashtrapati Scout -1991
9. Nominated for award as ‘BEST SENIOR RESIDENT’ from Department of Anesthesia, MAMC & LNJP Hospital -2008
10. N.T. S. E. Scholar- Cleared National Talent Search Examination- I in 1991, selected in Top 1000 students in whole of India
11. Best Student of School Award: 1991-Saint Theresa’s Convent school – 10<sup>th</sup> class

#### **TRAINING RECEIVED**

- 1. Advanced Trauma Life Support (ATLS) - passed Instructor course- 19<sup>th</sup> November, 2017- Mc Master University, Hamilton, Ontario, Canada.**
- 2. ATLS 10<sup>th</sup> edition refresher course for instructors- 21<sup>st</sup> February, Toronto**
- 3. International Research fellowship in CRITICAL CARE from Liverpool Hospital, Liverpool, Sydney, Australia – 24 February to 23 May, 2014**
- 4. ACLS & BLS – AHA Accredited**
- 5. Advanced Trauma Life Support (Provider course)– 28-30 April, 2016- Got Instructor potential**
- 6. Research Training Modules – Collaborative Institutional Training Initiative- Miami, USA- 19-30 October, 2016- Good Clinical practice, Responsible Conduct of research, Basic biomedical - Score – 90% & Privacy module- UHN, Toronto, Canada- 100% score**
- 7. Research Orientation- 13 February, 2018- Toronto General Hospital, Toronto**

## **PUBLICATIONS (PEER REVIEWED AND INDEXED JOURNALS)**

### **INTERNATIONAL**

1. **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
2. **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. *Current opinion in Anesthesiology. Curr Opin Anaesthesiol*. 2018 Feb;31(1):110-119.
3. **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
4. **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
5. **Gupta K**, Mehta Y, Jolly AS, Khanna S. Anesthesia for robotic gynaecological surgery. *Anesth Intensive Care*. 2012. Jul; 40(4): 614-21
6. **Gupta K**, Chauhan G, Gupta SP, Gupta P. Ethnicity determine the pharmacokinetics of propofol. *Anesthesia*. 2012
7. **Gupta K**, Subramanian A, Badhe A. Do not forget to ask the last meal time. *J Anesth*. 2010 ;24(3):497-8

8. **Gupta K**, Balachander H, Badhe A, Mohan R. Pacemakers not essential in all congenital complete heart blocks. *J Anesth.* 2010; 24(4):660
9. **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
10. **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;52:873
11. 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
12. Vohra V, **Gupta K**. Magnesium as adjuvant during general anesthesia. *Anesthesia.* 2007;62:634-35
13. **Gupta K**, Vohra V, Sood J. The role of magnesium as an adjuvant during general anesthesia. *Anesthesia.* 2006; 61:1058-63
14. Chauhan G, **Gupta K**, Nayar P. Meralgiaparesthetica after total hip arthroplasty in supine position. *Saudi J Anaesth.* 2013;7(1): 105-6
15. 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
16. 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

17. 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
18. 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

## NATIONAL

1. **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.
2. **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;61:381-6.
3. **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
4. Kumar A, **Gupta K**, Gupta M, Bhandari S. Fatal drug errors in Anesthesia: Can we override? *Indian J Anaesth.* 2014;58(6):785-6
5. 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: 56-60
6. **Gupta K**, Bhandari S, Singhal D, Bhatia P.S. Pneumothorax following ultrasound guided supraclavicular brachial plexus block. *J Anaesth Clin Pharmacol* 2012;28:543-4.

7. 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; 57(1): 104-105.
8. Chauhan G, **Gupta K**, Nayar P. Intraoperative Takotsubo cardiomyopathy during carotid body tumor excision: an indication for therapeutic use of Levosimendan". *J AnaesthClinPharmacol.* 2013; 29(2): 120- 2
9. **Gupta K**, Girdhar K.K, Anand R, Majgi S.M, Gupta S.P, Gupta P. Comparison of haemodynamic responses to Intubation - Flexible Fiberoptic Bronchoscope Vs BonfilsRigid Intubation endoscope. *Indian J Anaesth.*2012; 56(4): 353-58
10. **Gupta K**, Bhandari S, Singhal D, Bhatia P.S. Pneumothorax following ultrasound guided supraclavicular brachial plexus block.*J AnaesthClinPharmacol*2012;29 (4):135-6
11. Ansari M.M, **Gupta K**, Bhandari S, Haleem S. Amoxycillin/ Clavulinic acid induced anaphylaxis during anesthesia.*J AnaesthClinPharmacol.*2012;29 (4):123-4
12. **Gupta K**, Prem Kumar G.V, Bansal A, Mehta Y. Burn injury by displacement of electrocautery plate.*Indian J Anaesth* 2011; 55: 634-35
13. **Gupta K**, Gupta SP, Jose S, Balachander H. Low dose spinal anesthesia for peripartum cardiomyopathy. *J AnaesthClinPharmacol.* 2011; 27: 567-8
14. Bhandari S, Gupta SP, **Gupta K**, Kumar A. Accidental intraoperative avulsion of external inflation tubing of armoured endotracheal tube. *J AnaesthClinPharmacol.*2012; 28:132-133
15. Goel N, **Gupta K**, Bhaduria P, Anand R. Anaesthetic considerations in Metabolic Syndrome X. *Indian J Anaesth* 2010; 54 (1): 74-75
16. Kundra P, Naggapa M, Babu L, **Gupta K**. Novel may be risky and Unethical Option. *J AnaesthClinPharmacol.* 2010;26(3):428

17. Kundra P, Naggapa M, Babu L, **Gupta K**. A novel technique to avoid tracheal injury during intubation with stylet and flexomettalic endotracheal tube. *J Anaesth Clin Pharmacol* 2010;26(2):275-276
18. **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
19. 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
20. 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
21. 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

#### **CHAIRPERSON & POSTER MODERATOR**

1. **Poster Moderator (Cardiovascular anesthesia and perioperative management)** - International Anesthesia Research Society (IARS) 2017 Annual Meeting and International Science Symposium, **Chicago, USA**- 29 April, 2018
2. **Poster Moderator (Hepatobiliary surgeries and transplant anesthesia)** - International Anesthesia Research Society (IARS) 2017 Annual Meeting and International Science Symposium, **Chicago, USA**- 30 April, 2018
3. Invited to chair session on Paravertebral Block, Epidural Block and Spinal Anesthesia- **AORA- Association of Regional Anesthesia of India**- 9 September, 2017- Indore, India



## **EXECUTIVE COMMITTEE MEMBER**

1. **SAMBA- Society of ambulatory anesthesia-** Scientific committee, Clinical Practice Guidelines committee, Education committee, International relations committee, regional anesthesia committee member, Scientific papers and Non-operating room anesthesia committee.

## **REVIEWER OF JOURNAL**

1. Journal of Anaesthesiology Clinical Pharmacology