

## CURRICULUM VITAE OF DR ANJU GUPTA

**Full Name:** Dr Anju Gupta

**Designation:** Assistant Professor

**Affiliation:** VMMC & Safdarjung Hospital

**Post-PG experience:** 13 years

City: New Delhi

State: Delhi

Pin Code: 110076

**Telephone Home** 011-41047286 **Mobile** 9911573371

E mail id: [dranjugupta2009@rediffmail.com](mailto:dranjugupta2009@rediffmail.com) and [dranjugupta09@gmail.com](mailto:dranjugupta09@gmail.com)

**Areas of interest:** Paediatric anaesthesia, Regional anaesthesia (including USG guided nerve blocks), Airway management especially video-laryngoscopes and Role of Ultrasonography in critical care.

### Academic Qualification

Degree /Fellowship	Institution/University/ Hospital	Year of Passing
M.B.B.S.	LHMC & assoc. SSKH and KSCH Hospital, New Delhi, India	2001
MD (Anaesthesiology)	LHMC & assoc. SSKH and KSCH Hospital, New Delhi, India	2005
DNB Anaesthesia	LHMC, New Delhi, India	2005
MNAMS	National Academy of Medical Sciences	2006
Post graduate certificate course in Hospital Administration (PGCCHM)	National Institute of Health and Family Welfare	2008
IDRA (Indian Diploma in Regional Anesthesia)	Indian College of Anesthesiologists	2017

### Professional Experience

Designation	Name of institution	Duration	Month/Year
Assistant Professor	VMMC and Safdarjung Hospital	1 year	Since 29.09.2017
Assistant Professor	Chacha Nehru Bal Chikitsalya	2 years	8.09.2016 to till date
Specialist	Lok Nayak Hospital & associated MAMC	1 year	10.10.2014 to 7.09.2015
Assistant Professor	Delhi State Cancer Institute, Dilshad Garden	1 year	14.08.13 to 9.10.2014
Specialist Gr II	ESI Hospital, Okhla	2 years	15.11.11 to 13.08.13
Junior specialist	Pt. MMMH, Govt. of NCT Delhi	3 years	7.10.08 to 14.11.11
Senior Resident	LHMC & associated SK hospital, New Delhi.	3 years	24.05.05 to 23.05.08
Junior Resident ( Post graduation)	LHMC & associated SK hospital, New Delhi.	3 years	1.07.2002- 30.04.2005

### Special Training (if any):

1. **Indian Diploma in Regional Anaesthesia** from Indian college of anesthesiologists

2. American Heart Association certified **BLS & ACLS course provider & instructor**
3. **Advanced Ultrasound Trauma Life Support** provider and instructor
4. **Advanced trauma life support course** (American college of surgeons) Instructor
5. **Primary Trauma Care** course provider & Instructor
6. **Acupuncture course** from acupuncture association of India
7. **Certified in Essentials in palliative care** from Indian association of palliative care
8. Core faculty for '**Emergency medical response**' course from disaster cell of DHS, Delhi Govt.
9. Training in BASIC AND ADVANCED perioperative Sonography from IPSA (now a faculty for the same)
10. Capsule course in medical education from MAMC
11. Trained and Instructor for Airway management in pediatrics and adults

#### **Awards, Honours and Scholarships:**

1. **Topped** the recently held UPSC interviews for the post of Assistant Professor( Anaesthesia) CHS, conducted by UPSC in 2017
2. **Ranked second** in UPSC specialist (Anaesthesia)interviews in 2015
3. **Awarded Dr PN Chandrashekhar award of First prize in podium presentation** at 10<sup>th</sup> annual conference of Indian association of paediatric anaesthesia at Hyderabad, Feb, 2018.
4. Award for **best research** in ISADAC 2013
5. Award for **video presentation** at ISADAC 2013
6. **First prize RAPACON 2017** (IAPA accredited CME) for presentation
7. Awarded travel fellowship by DST for **IARS** San Diego conference
8. Awarded travel fellowship by ICMR for **WAMM 2015** Dublin conference
9. Presented papers for KOP's category at ISACON 2004 and ISACON 2013
10. Awarded IDRA by Indian college of Anaesthesia.
11. Received certificate of appreciation for training medical and paramedical persons in 'Emergency medical response' training by Disaster cell of DHS.
12. Certificate of appreciation by ESI for training medical staff in BLS.

#### **Membership in Professional Societies:**

1. **Life member of Indian association of paediatric anaesthesia (IAPA)**
2. Life member of Indian Society of Anesthesiologists (**ISA**)
3. **Active member International Anesthesiology Research Society, A&A, USA (2017-2018), past member: 2013-2014**
4. **Member Difficult Airway society (DAS), UK: 2016-2017**
5. Life member Indian College of Anesthesiology (**ICA**)
6. Life member of Indian Association of Palliative Care (**IAPC**)
7. Life member academy of regional Anaesthesia (**AORA**)
8. Life member Airway management foundation ( **AMF**)
9. ATLS (ATS)
10. ACLS (AHA)

#### **Research Publications (Attach list of publications if necessary) details attached in Annexure**

<b>Type of publication</b>	<b>Number</b>
<b>Audit</b>	<b>2</b>

<b>Original Research</b>	8
<b>Research pending publication</b>	2
<b>Reviews</b>	3
<b>Editorial/commentary/guidelines</b>	13
<b>Case report</b>	9
<b>Letter to editor</b>	16
<b>Book chapter</b>	8
<b>CME book/ bulletin chapter</b>	8
<b>Pending article awaiting publication</b>	6
<b>Total</b>	<b>71</b>
<b>Faculty presentations</b>	35

### Annexure

**Publications of Dr Anju Gupta (publication in paediatric category are underlined)**

#### Clinical research

- 1 **Anju Gupta**, Thukral S, Lakra A, Kumar S. A comparison between left molar direct laryngoscopy and the use of a Bonfils intubation fibrescope for tracheal intubation in a simulated difficult airway. **Canadian Journal of Anaesthesia** 2015; (6): 609-17.
- 2 **Also published as abstract: Anju Gupta**, Thukral S, Gupta N. Using a standardized airway and anesthetic Comparison of bonfils fiberoscope with Bougie assisted leftmolar approach for Tracheal intubation in patients with simulated difficult airway. **Anesth Analg** 2013;116(5s):s7
- 3 **Anju Gupta**, Saha U, Sinha SK, Gupta N. Subarachnoid block (SAB) versus general anaesthesia (GA) in children undergoing surgeries below umbilicus. **JOACP** 2008; 24(4): 425-8.
- 4 **Anju Gupta**, Goyal V K, Gupta N, Mane R, Patil MN. A Randomized Controlled Trial to Evaluate the Effect of Addition of Epidural Magnesium Sulphate on the Duration of Postoperative Analgesia in Patients Undergoing Lower Abdominal Surgeries under Epidural Anaesthesia. **Srilankan Journal of Anaesthesia** 2013;21(1): 27-31
- 5 **Anju Gupta**, Gupta N. A prospective randomised double blind study To evaluate the effect of intrathecal low Dose dexmedetomidine versus clonidine on Spinal block characteristics in surgeries Below umbilicus. **Anaesth Analg** 2013;116(5s):s342
- 6 **Anju Gupta** and Gupta N. Patient's experiences and satisfaction with pre anesthesia

services: A prospective audit. **IJA** 2011; 27(4): 511-15.

- 7 Gupta N, **Anju Gupta**, Garg R, Bhalotra A, Bhadoria P and Kohli A. Attitude amongst doctors in specialty of Anaesthesiology towards Conferences and Workshops In Anaesthesia Specialty. **IJA** 2008; 52(6): 818-22
- 8 Gupta N, Sehgal R, Kumar R, Sharma KR, **Anju Gupta**, and N. Agrawal. A prospective randomized double blind study to evaluate the effect of infusion of amino acid enriched solution on changes in core and surface temperature under general anaesthesia. **JOACP** 2006; 22: 243-47.

### **Review**

- 9 **Anju Gupta**, Saha S. Spinal Anesthesia in children: A review. **JOACP** 2014;30(1):10-18.
- 10 **Anju Gupta**, Gupta N. Setting up and functioning of a Pre Anaesthetic clinic: a Review. **IJA** 2010; 54(6): 504-7.
- 11 **Anju Gupta**, Garg R, Gupta N. Update in perioperative anesthetic management of pheochromocytoma. **World J Anesthesiol** 2015; 4(3): 83-90.

### **Guest Editorials /commentaries/ guidelines**

- 12 **Anju Gupta**. 'Video assisted Laryngoscopic devices: have we found the panacea for difficult airway yet?' Commentary in **JOACP**
- 13 **Anju Gupta**. Improving outcomes for Peripartum hysterectomy: still a long way to go! Guest editorial published in **JOACP**, July-September issue, 2017
- 14 **Anju Gupta**. Pfeiffer syndrome guidelines for anaesthesia for Orphan anaesthesia.  
[http://www.orphananesthesia.eu/en/rare-diseases/published-guidelines/cat\\_view/61-rare-diseases/60-published-guidelines/133-pfeiffer-syndrome.html](http://www.orphananesthesia.eu/en/rare-diseases/published-guidelines/cat_view/61-rare-diseases/60-published-guidelines/133-pfeiffer-syndrome.html)
- 15 Garg R, **Anju Gupta**. Ultrasound: A promising tool for contemporary airway management. **World J Clin Cases** 2015; November 3(11): 926-929.

### **Case reports**

- 16 **Anju Gupta**, Gupta N. unanticipated difficult intubation in a neonate due to Anterior laryngeal web, diagnosed and managed successfully using C-mac videolaryngoscope.  
Anesthesia Analgesia case reports 2017 September.
- 17 **Anju Gupta**, Kamal G, Gupta N, Aggarwal A. Combined spinal epidural anesthesia with dexmedetomidine based sedation for multiple corrective osteotomies in a child with

Osteogenesis Imperfecta type III. **Anesthesia Analgesia case reports** 2017 Apr 26.

- 18 Kamal G, **Anju Gupta**, Batla S, Gupta N. Anesthetic management of a child with Stoneman's syndrome: look before you leap. **Indian J Anaesth.** 2017;61:266-268
- 19 **Anju Gupta**. Bougie assisted left molar approach to laryngoscopy after failed intubation with Bonfils intubation fiberscope in a patient with anticipated difficult airway. **Current Medicine Research and Practice** Volume 4, Issue 3, May–June 2014, Pages 119–122
- 20 Bhatla S, **Anju Gupta**, Geeta K, Mittal M. Massive Lignocaine toxicity in an infant with arthrogryposis multiplex congenita successfully treated with Lipid emulsion. **AANA Oct 2016**
- 21 **Anju Gupta**, Gupta N. Ineffective ventilation in a neonate with a large pre-carinal tracheoesophageal fistula and bilateral pneumonitis-Micocuff endotracheal tube to our rescue! **Journal of Neonatal Surgery 2016.**
- 22 **Anju Gupta**, Gupta N. Airway management in a severe Burn contracture neck with fixed flexion deformity using bonfils intubation fiberscope scope. Accepted for publication in Asian Archives of Anesthesiology and resuscitation.
- 23 N. Gupta, A. Bhalotra, **Anju Gupta**, P. Bhadoria and R. Garg. A case of accidental extubation in a known difficult airway. **JOACP** 2007; 23: 425-27.
- 24 Gupta N, Garg R, **Anju Gupta**, Bharati S and Kumar V. Anesthetic Management of a Patient with Dilated Cardiomyopathy for Fracture Femur Surgery: A Case Report. **J Anesth Crit Care Open Access** 2015, 2(1): 00041

#### **Letter to Editors**

- 25 **Anju Gupta**, Shah S, Sengar M. Occult Intracranial meningocoele in a 10 year old child leading to inadvertent dural puncture detected with point of care ultrasonography. **Paediatr Anaesth.** 2016 Nov;26(11):1115-1116.
- 26 **Anju Gupta**, Gupta N. Left molar approach with adult CMAC for intubation in a child with nasopharyngeal tumour extending till hypopharynx. **Indian J Anaesth.** 2016;60(10): 786-87.
- 27 Kamal G, **Anju Gupta**, Bhatla S, Gupta A. Water contamination of air flowmeter: out of sight, out of mind! **Accepted in JOACP 2016.**
- 28 **Anju Gupta**, Ahmed M, Prabhakar C & Deuri A. Unique airway finding in a case of Pfeiffer syndrome and its management. **JOACP** 2011; 27(3):414.
- 29 **Anju Gupta**, Gupta N. Paradoxical vocal cord movements and anaesthesia. **JOACP**

2011; 27 (2): 287-288

- 30 Garg R, **Anju Gupta** and Gupta N. Flexi-Slip Aided ProSeal™ laryngeal mask airway insertion by conventional technique. **Canadian Journal of Anesthesia** 2009; **56**: 259-60.
- 31 R. Garg, **Anju Gupta**, N. Gupta, R. Sharma. The optimal technique of tracheal intubation in an immobilized cervical spine. **ACTA** 2009; **53**: 690-691.
- 32 Garg R, **Anju Gupta**, Gupta N. Limitation of use of bronchial blocker via Murphy eye of the endotracheal tube to prevent its dislodgement. (16 November 2008) published **as e-letter in BJA**
- 33 **Anju Gupta**, Gupta N. Intubation in lateral position a necessary art: letter to editor Asian Archives of Anesthesiology and resuscitation. 2016;82:2496.
- 34 **Anju Gupta**, Gupta N. Role of amino acid infusion in delayed recovery from neuromuscular blockers. **IJA** 2011;55 (2): 213-214
- 35 Gupta N, Garg R and **Anju Gupta**. A letter to editor: airway securing concerns in patient with restricted neck mobility with newer gadgets like airway scope. **published as e-letter in BJA** ( 1 December 2008)
- 36 Nanada S, **Anju Gupta**, Kulshreshtha, Kalra P and Sharma M. Anaesthetic Management of a 137-Year Old patient of Fracture of Neck Femur. **JOACP** 2011; 28(1): 143-44.
- 37 Bala V, **Anju Gupta**, Gupta N and Pawar M. ILMA with transplanted pilot balloon? **JOACP** 2012; 28(1): 131-32.
- 38 **Anju Gupta**, Gupta N. Tranexamic acid in total knee replacement surgeries: Some concerns. **IJA** 2012, 56(3);320-321
- 39 **Anju Gupta** and Gupta N. Gastric tube connector: a simple solution for everyday problem. **SJA** 2011; 4(5): 441-42.
- 40 **Anju Gupta**, Gupta N. Defective Y piece. **Srilankan Journal of anesthesia** 2013, 21(1); 48

### **Editorials**

- 41 Gupta N, Garg R, **Anju Gupta**. Addiction in Anaesthesiologists and its Implications on Anaesthesia. **J Addict Med Ther Sci** 2014;1(1): 103.
- 42 Garg R, **Anju Gupta**. Anaesthesia and cancer recurrence. **J Anesth Crit Care Open Access** 2014, 1(3): 00015
- 43 **Anju Gupta**, Gupta N and Garg R. Newer Oral Anticoagulants and Anaesthesia. **J Anesth Crit Care Open Access** 2015, 2(3): 00059
- 44 Garg R, **Anju Gupta**. Ultrasound Imaging in Airway Management: A Boon? **Imaging J Clin Med Sciences** 2014, 1(2): 110

- 45 Gupta N, **Anju Gupta**, Garg R. Professional Burnout in Anaesthesia and Critical Care - How to Decrease it. J Anesth Crit Care Open Access 2015, 2(3): 00056
- 46 Garg R, **Anju Gupta**. Ethics in clinical research. J Anesth Crit Care Open Access 2015, 2(1): 00043
- 47 Gupta N, **Anju Gupta**, Garg R. Perioperative anaesthetic challenges for intraoperative radiation therapy. J Anesth Crit Care Open Access 2015;3(6):00116.
- 48 Gupta N, **Anju Gupta**, Garg R and Kumar V. Anesthetic Concerns in Patients Receiving Preoperative Opioids: a Review. Ane Cr Care Med J 2016;1(2).
- 49 Gupta N, **Anju Gupta**, Garg R, Kumar V. Nasotracheal Intubation in Head and Neck Cancer Patients by Videolaryngoscope Using Cuff Inflation Technique. J Anesth Crit Care Open Access 2017;7(4):00267.

**Text book/ CME chapter**

- 50 Garg R, **Anju Gupta**. ‘Anaesthetic Concerns in Pediatric Patients’ (CH 22). Editor: Babita Gupta; In Essentials of Trauma Anesthesia and Intensive Care (1st edition) New Delhi. PEEPEE Publishers and Distributors (P) Ltd430-445.
- 51 Gupta A et al. ‘Anesthetic concerns for management of pediatric Oncosurgery patients.’ In ‘Update in Onco-Anesthesia’
- 52 Gupta N, **Anju Gupta**. ‘Tetanus’. **Text Book of Anaesthesia and Allied Sciences**. Editor: Manpreet Singh 2012, 1st Edition. Published by SR Health Sciences Pvt Ltd. New Delhi.
- 53 Gupta N, **Anju Gupta**. ‘Local Anesthetic systemic toxicity’ in **Year Book Of Anesthesiology 2017**
- 54 Gupta N, **Anju Gupta**. Neuromuscular monitoring: physiological principles. **Update in Anesthesiology. 2016**
- 55 Garg R, **Anju Gupta**. ‘Obese parturient’. **In textbook of Obstetric Anesthesia.**
- 56 R Sehgal, **Anju Gupta**. ‘Anaesthesia for airway surgeries’ **Textbook of core cases in paediatric anaesthesia (under publication)**
- 57 **Anju Gupta**, Gupta N. ‘Anaesthetic management of tracheoesophageal fistula’. **Textbook of core cases in paediatric anaesthesia (under publication)**
- 58 ‘Weaning from Mechanical Ventilation’. CME book, ISADAC 2013
- 59 ‘Ethics in Anaesthesia’. Conference book ISACON 2013(Guwahati)
- 60 ‘Role of anaesthesiologist in mass casualties’. Conference write up RSACPCON 2013 (Srinagar)

- 61 Infection control in ICU: workshop on designing, implementation and monitoring of infection control program, MAMC (March 2015)
- 62 USG guided neuraxial block, ISACON 2014 (Madurai)
- 63 'Preoxygenation' for Airway CME book, ISACON 2017.
- 64 Case report: IAPA bulletin (NO.4) 2017
- 65 Temperature regulation during anesthesia and role of nutrient induced thermo genesis ISADAC news bulletin (2012 ISADAC bulletin)
- 66 Fire safety and anaesthesia (2013 ISADAC bulletin)

### **Under the process of publication**

- 67 **Anju Gupta.** 'Disaster management and anesthesiologist'. Under press for Recent advances in Anesthesiology by US Ravindran
- 68 'Misplaced nasogastric tube: a simple test to rule out its intratracheal placement'.

### **JOACP**

67. Unanticipated cause of airway obstruction post Extubation in a patient with difficult airway caught on camera! **JOACP**
68. Chapter on 'Update on Nitrous oxide use in Anaesthesia' in text book on recent advances in anaesthesia.
69. Chapter on 'Ultrasound in airway management" in text book on recent advances in anaesthesia.
70. Chapter on 'Sedation for Pediatric onco-surgical patients for procedures outside the operating room' in Text book of Onco-Anaesthesia (Elsevier publications).
71. 'OEIS complex- complex anaesthetic challenge for Anaesthesiologist'- case report in Journal of neonatal surgery ( Accepted for publication)
72. Delayed onset and prolonged Horner's syndrome in two children after ultrasound guided infraclavicular and subclavian perivascular blocks. Accepted in AANA journal, September, 2018.

### **Original research pending publication:**

73. CMAC versus Truview PCD for intubation in infants with normal airway: A randomized controlled trial. Under publication in pediatric anaesthesia journal.
74. Sevoflurane in 3 different minute volume based techniques for induction in paediatric patients. Under review in AANA journal.

### **Presentations:**

1. Presented 2 papers at **IARS** annual conference at Washington DC 2017.



2. Presented paper at **WAMM** 2015 Dublin
3. Presented 2 papers at **IARS** annual conference at San Diego 2013
4. Presented paper at **SAARC** international congress 2013, Dhaka, Bangladesh.
5. Presented paper at **Srilankan society of Anaesthesia**, annual conference, Colombo, Srilanka 2012 (under award category)
6. Presented 3 papers at **ASPA** 2017 Mumbai
7. Presented various papers at **ISADAC and ISACON** (Videio, Posters and Free Papers)
8. Several lectures at **EMR** course ( Disaster cell of DHS as a key resource person)
9. Several lectures at **ATLS** course at JPN apex trauma centre AIIMS
10. Several Lectures in **EORCAPS** (exam oriented refresher course for PGs 2012-2016)
11. Presented paper in **Kop's category twice** in ISACON 2004 & 2013
12. Delivered Faculty lectures at **ISACON** (2012, 2013, 2014, 2015, 2016 ) and Pro-con debate at RAPACON 2017 & ISACON 2017 in pediatric section.
13. Delivered lectures in **ISADAC** (2011 and 2013), **RSACP** Srinagar, **AORA** 2017

**Lectures on pediatric anaesthesia:**

1. Neonatal central neuraxial blocks at CME on neonatal anaesthesia at LHMC 2017
2. Safety of regional anaesthesia in asleep kids at AORA 2017
3. Nitrous oxide should be abandoned-PRO at RAPACON 2017
4. Perioperative pain management in pediatric patients at International congress on Onco-anaesthesia, 2017, AIIMS, Delhi.
5. Inhalational versus intravenous induction (Pro-con) at ISACON 2017.