

## 1. Personal Details

Name- **Dr Geetanjali Tolia Chilkoti**

Designation- Professor

Degrees- MD (Anaesthesiology), MAMS

Areas of Interest: Airway management;  
Obstetric anaesthesia;  
Pharmacogenetics



## 2. Education and Training

Degree	Year	Name of College & University	Name of State Medical council
MBBS	1999	Maulana Azad Medical college (Delhi University)	Delhi University
MD/MS	2005	Lady Hardinge Medical College	Delhi University

## 3. Experience

Designation*	Department	Institution	From	To	Total
Junior Resident	Anaesthesiology	Lady Hardinge Medical College	21/05/2002	23/05/2005	03_(y)00 (m)
Senior Resident	Anaesthesiology	Lady Hardinge Medical College	24/05/2005	23/05/2008	03(y) 00(m)

Asst. Professor	Anaesthesiology	University College of Medical Sciences & GTB Hospital	24/03/11	16/03/13	02 (y) 00 (m)
Assoc. Professor	Anaesthesiology	University College of Medical Sciences & GTB Hospital	17/03/13	16/03/17	04 (y) 00(m)
Professor	Anaesthesiology	University College of Medical Sciences & GTB Hospital	17/03/17	Till date	04 (y) 05 (m) As on 20/07/21

#### 4. Assignment in Academic Association

- A) AHA accredited BLS/ACLS instructor and has the experience of conducting various BLS/ACLS workshops.
- B) Trained instructor for Airway management foundation and has the experience of being the instructors in various workshops organized by AMF
- C) Reviewer in Journal of Anaesthesiology & Clinical Pharmacology
- D) As an Organizing secretary
  - Organizing Secretary for the 17<sup>th</sup> North Zone ISACON & 57<sup>th</sup> ISACON Delhi Chapter in the year 2018.
  - Organizing secretary of PG Assembly held at UCMS from 21<sup>st</sup>-25<sup>th</sup> December 2019.
  - Organizing secretary of the CME on "A paradigm shift in the intensive care management" organized by UCMS and GTB Hospital on 12th January 2019 at UCMS, Delhi-95.

#### 5. Awards

- Awarded MAMS by the National Academy of Medical Sciences (India) in the NAMSCON 2015 at AIIMS, Patna on 17<sup>th</sup> October 2015

- Awarded for the contribution as the faculty at Quality Assurance Program by the department of Health & Family Welfare by Government of NCT of Delhi in the development of Standard operating procedures for Surgery, Anaesthesia and Central Sterile Services Department in the year 2016-2017

**6. Projects-NA**

**7. Publications**

- a. Indexed journals-40
- b. Other journals-1
- c. Book chapters-4
- d. Books- None
- e. Others-

## **List of Publications**

1. **Chilkoti GT**, Mohta M, Saxena AK, Ahmad Z, Sharma CS. Awake prone positioning in the management of COVID-19 pneumonia: A systematic review. IJCCM23932. Accepted for publication in Indian Journal of Critical Care Medicine.
2. **Chilkoti GT**, Malik A, Mohta M, Saxena AK. Hydroxychloroquine in COVID-19 patients on chronic pregabalin therapy- Is it safe? JOACP 587\_20. Accepted for publication in Journal of Anaesthesiology & Clinical Pharmacology
3. Saxena AK, Khrolia D, **Chilkoti GT**, Gondode P, Banerjee BD. Modulation of the Extracellular Signal-Regulated Protein kinase and tissue inhibitors of Matrix Metalloprotenase-1 gene in Chronic neuropathic pain. IJPC 339\_20. Accepted for publication in Indian journal of palliative care.
4. Saxena AK, Khrolia D, **Chilkoti GT**, Malhotra R, Banerjee BD. Valdiation of Complete Hindi Version of DN-4Questionnaire for assessment of Neuropathic pain. IJPC 340\_20. Accepted for publication in Indian journal of palliative care.
5. Saxena AK, Bhardwaj N, **Chilkoti GT**, et al. Modulation of mRNA expression of IL-6andmTORC1 and efficacy and feasibility of an integrated approach encompassing cognitive behavioral therapy along with Pregabalin for management of neuropathic pain in Postherpetic Neuralgia: A Pilot Study [published online ahead of print, 2021 Jun 7]. *Pain Med.* 2021; pnab142.
6. Mohta M, **Chilkoti GT**. Operating room preparedness to manage future pandemics of airborne infectious diseases: What is needed?.Int J Adv Med Health Res 2021;8:4-11.
7. Mohta M, Chilkoti GT, Malhotra RK, Lakshmi R. Reply to phenylephrine and norepinephrine for the management of spinal-induced hypotension in preeclamptic patients. Eur J Anaesthesiol 2021; 38 (In press).
8. Mohta M, Lakshmi R, Chilkoti GT, Agarwal R, Malhotra RK. A randomised double-blind comparison of phenylephrine and norepinephrine for the management of postspinal hypotension in pre-eclamptic patients undergoing caesarean section, European Journal of Anaesthesiology: February 26, 2021 Published Ahead of Print. doi: 10.1097/EJA.0000000000001461

9. **Chilkoti**, G.T., Gondode, P.G. & Tiwari, S.S. MDI or nebulization in moderate to severe COVID-19 disease with COPD: which one is better? *Ain-Shams J Anesthesiol* **13**, 24 (2021).
10. **Chilkoti GT**, Jain N, Mohta M, Saxena AK. Perioperative concerns in Pott's spine: A review. *J Anaesthesiol Clin Pharmacol*. 2020;36(4):443-449.
11. **Chilkoti GT**, Agarwal M, Mohta M, Saxena AK, Sharma CS, Ahmed Z. A randomised preliminary study to compare the performance of fiberoptic bronchoscope and laryngeal mask airway CTrach (LMA CTrach) for visualisation of laryngeal structures at the end of thyroidectomy. *Indian J Anaesth*. 2020;64(8):704-709.
12. Mohta M, Garg A, **Chilkoti GT**, Malhotra RK. An alternative explanation for the inferior neonatal outcome with noradrenaline? A reply. *Anaesthesia*. 2019 Oct;74(10):1340-1341.
13. Mohta M, Kumar V, **Chilkoti GT**, Agarwal R, Duggal S. Efficacy of Phenylephrine in Preventing Hemodynamic Responses of Oxytocin during Elective Cesarean Section: A Randomized, Double-Blind, Controlled Trial. *Ann Natl Acad Med Sci (India)* 2019; 55: 48–53.
14. Chopra AK, Bajaj M, Saxena AK, **Chilkoti G**, Talwar H, Yadav N. Pulsed Radiofrequency Lesioning at Multiple trigger points around the scar for management of chronic persistent postdurgical neuropathic pain following total abdominal hysterectomy and laparotomy. *Ind J Pain* 2019; 33: 109-11.
15. **Chilkoti GT**, Singh A, Mohta M, Saxena AK. Perioperative stress dose of corticosteroids: Pharmacological and clinical perspective. *J Anaesthesiol Clin Pharmacol* 2019; 35: 147-52.
16. Saxena AK, **Chilkoti GT**, Singh A, Yadav G. Pregnancy-induced Low Back Pain in Indian Women: Prevalence, Risk Factors, and Correlation with Serum Calcium Levels. *Anesth Essays Res*. 2019 Apr-Jun;13(2):395-402
17. Mohta M, Garg A, **Chilkoti GT**, Malhotra RK. A randomised controlled trial of phenylephrine and noradrenaline boluses for treatment of postspinal hypotension during elective caesarean section. *Anaesthesia*. 2019;74(7):850-855.

18. **Chilkoti GT**, Kumar M, Mohta M, Saxena AK, Sharma N, Singh J. Comparison of postoperative analgesic efficacy of low-dose bolus intravenous dexmedetomidine and intraperitoneal dexmedetomidine with bupivacaine in patients undergoing laparoscopic cholecystectomy: A randomised, controlled trial. *Indian J Anaesth.* 2019 Feb;63(2):106-113.
19. Mohta M, Duggal S, **Chilkoti GT**. Randomised double-blind comparison of bolus phenylephrine or ephedrine for treatment of hypotension in women with pre-eclampsia undergoing caesarean section. *Anaesthesia.* 2018 Jul;73(7):839-846.
20. Chaurasia M, Saxena AK, Chilkoti GT. Comparison of Epidural Butorphanol with Neostigmine and Epidural Sufentanyl with Neostigmine for First Stage of Labor Analgesia: A Randomized Controlled Trial. *Anesth Essays Res.* 2017 Apr-Jun;11(2):365-371.
21. **Chilkoti GT**, Mohta M, Saxena AK. Preliminary experience with LMA CTrach for visualization of glottis structures during thyroidectomy. *Anaesthesia and Intensive Care* 2016; 44(6).
22. **Chilkoti GT**, Mohta M, Janani S. Laryngospasm as a Cause of Unsuccessful Placement of Laryngeal Mask Airway ProSeal: A Case Report. *AANA J.* 2016 Dec;84(6):420-422.
23. **Chilkoti GT**, Mohta M, Karthik G, Saxena AK. Absent Uvula: What Mallampati Class? *Indian J Anaesth.* 2017 Jan;61(1):85-86.
24. Saxena AK, **Chilkoti GT**, Chopra A. Chronic Persistent Post-Surgical Pain Following Staging Laparotomy for Carcinoma of Ovary and its Relationship to Signal Transduction Genes. *Korean Jr Pain* 2016; 29(4).
25. **Chilkoti G**, Mohta M, Wadhwa R, Saxena AK, Sharma CS, Shankar N. Students' satisfaction to hybrid problem-based learning format for basic life support/advanced cardiac life support teaching. *Indian J Anaesth.* 2016 Nov;60(11):821-826.
26. **Chilkoti GT**, Saxena AK. Anaesthetic management of unstable cervical spine -Is LMA CTrach a right choice? *Journal of American Association of Nurse Anaesthetist* 2016; 84: 280-282.

27. **Chilkoti GT**, Mohta M, Saxena AK. Anaesthetic concerns with intramyometrial vasopressin during myomectomy. *Ain-Shams Journal of Anesthesiology* 2016, 09:452–454.
28. **Chilkoti GT**, Mohta M, Duggal S, Saxena AK. Anaesthetic concerns of a pregnant patient with Pott's spine for spine surgery in prone position. *Ind Jr Anaesth*; 2016; 60: 518-9.
29. **Chilkoti G**, Mohta M, Kumar M. A big “little” problem with PONV prophylaxis. *Ind Jr Anaesth*. 2015; 59 (1): 60-1.
30. Wadhwa R, **Chilkoti G**, Kumar A. Current clinical opinions, attitudes and awareness of interns regarding post-operative and cancer pain management in a tertiary care centre of a developing nation. *Indian J Palliative Care*. 2015; 21(1): 49-55.
31. **Chilkoti G**, Wadhwa R, Saxena AK. Technological advancements the peri-operative monitoring: Current concepts and clinical perspectives. *Jr Anesthesiol Clin Pharmacol* 2015; 31 (1): 14-24.
32. **Chilkoti G**, Mohta M, Wadhwa R, Kumar AK. Status of problem based learning in postgraduate anaesthesia teaching – a cross-sectional survey. *Saudi J of Anaesth* 2015; 9(1): 64-70.
33. **Chilkoti G**, Wadhwa R, Kumar AK. Could Pregabalin Premedication Predispose to Perioperative Atrial Fibrillation in Patients with Sepsis? *Saudi J of Anaesth* 2014; vol 8 (issue 5):115.
34. Wadhwa R, **Chilkoti G**, Kumar AK. Anaesthetic management of Hepatitic C patient for caesarean section. *JMED Research* 2014; Vol 2014, Article ID 773131
35. **Chilkoti G**, Mohta M, Wadhwa R, Kumar AK. Status of Problem based learning in anaesthesia teaching: Current status and future perspective. *Anesthesiology Research and Practice*, Volume 2014 (2014), Article ID 263948, 7 pages.
36. **Chilkoti G**, Mohta M. Modification in LMA CTrach tube design. *J Anesthesiol Clin Pharmacol*. 2014; 30 (2): 287.
37. Kakkar A, **Chilkoti G**, Mohta M, Sethi A. Phenytoin induced sinoatrial bradyarrhythmia in the perioperative period. *Indian J Anaesth*. 2013; 57(6): 628-30.
38. **Chilkoti G**, Mohta M, Banerjee A, Kumar M. Clinical implication of “blind area” of laryngoscopes in pediatric patients. *J Anesthesiol Clin Pharmacol*. 2013; 29(1): 125-6.

39. **Chilkoti G**, Mohta M, Kochhar A, Agarwal D. Intubation using LMA CTrach in anaesthetized but unparalysed patients- A pilot study. JEMD 2012; 1(4): 422-29.
40. **Chilkoti GT**, Pandey M, Jain A, Kumar A. Low dose intrathecal bupivacaine with fentanyl for cesarean delivery. J Anaesthesiolo Clin Pharmacol2008; 24 (2): 201-204.

#### Others

1. **Chilkoti G**, Kumar A. Status of Problem based learning in Anaesthesia teaching. Indian Society of Anaesthesiologists (ISA) (Delhi Chapter) News Bulletin, August 2012.

#### Chapters in Book

- **Chilkoti G**. Neuroanatomy and Neurophysiology. In: Singh M (Ed) Anaesthesia & Allied Sciences for paramedics. S.R. Health Sciences Pvt. Ltd. New Delhi. 2013, Pp 448-457.
- **Chilkoti G**. Neurosurgical procedures. In: Singh M (Ed) Anaesthesia & Allied Sciences for paramedics. S.R. Health Sciences Pvt. Ltd. New Delhi. 2013, Pp. 458-466.
- Mohta M, **Chilkoti G**. Fluid therapy and IV Fluids. In: Singh M (Ed) Anaesthesia & Allied Sciences for paramedics. S.R. Health Sciences Pvt. Ltd. New Delhi. 2013, Pp 522-33.
- Mohta M, **Chilkoti GT**. Anesthesia outside the operating room: what is optimal?. In: Anaesthesia update book 2016. The Health Sciences Publisher. New Delhi. 2016. Pp. 463-468.

#### 8. H index-8