

## RESUME



Dr. Shagun is a motivated, dedicated and competent anaesthesiologist with eighteen years of experience in the field of anaesthesia. She has served as a specialist at ESIC Rohini, then as an attending consultant followed by consultant oncoanaesthesiologist at Rajiv Gandhi Cancer Institute and Research Centre (a premiere tertiary care institute and the largest exclusive oncology setup of Northern India) for the last fourteen years. She is especially interested in recent advances in anaesthesia like USG guided central lines, nerve blocks, epidurals, advanced haemodynamic monitoring and anaesthesia for robotic surgery. She is certified in TEE (Trans esophageal echocardiography) use and utilizes it for managing cardiac patients undergoing noncardiac oncosurgery. She is ready to walk that extra mile with post-operative and terminally ill cancer patients to alleviate their pain and suffering.

### AREAS OF SPECIALIZATION

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- Anaesthesia for oncosurgery
- Anaesthesia for robotic surgery
- Transesophageal echocardiography for non-cardiac surgery
- Difficult Airway Management
- Cardiac Output monitoring: Newer monitoring devices
- Pain management and USG-guided blocks
- 5 manuscripts on COVID-19 (2 original articles, 2 review article, 1 brief communication) in peer reviewed indexed journals
- >75 publications in various national/international peer reviewed indexed journals

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Indian Society of Anaesthesiologists (ISA) Reg No: S-2746

Delhi Medical Council Reg No.: 35160

Indian Medical Association Reg No.: Raj/1816/31/317/82373/2000-1/CI

Medical Council of India Reg No.: MCI/15589

**Society of Onco-Anaesthesia and Palliative Care (Founder member) (SOAPC/14/18)**

## **PROFESSIONAL EXPERIENCE**

MBBS; DA; DNB Anaesthesia; Certificate course in TEE

### **Additional Information**

#### **Reviewer with:**

1. Indian Journal of Anaesthesia
2. Journal of medical case reports
3. Journal of Anesthesia & Clinical Research.
4. Omics International Anaesthesia Journal

#### **Associate editor:**

**Journal of anaesthesiology and critical care JACCOA**

#### **Thesis Guide/Co-guide for several DNB candidates**

#### **National and International conferences attended as speaker, chairperson and moderator (last 5 years)**

- ✓ Oral presentation on COVID-19 (International Scinov COVID-Conference 2021)
- ✓ Oral Presentation (Faculty) at SOAPCCON Hyderabad (2019)

Topic: Airway Assessment and Intraoperative Challenges for Head-Neck oncosurgery

✓ Oral Presentation at Anaesthesia Conference Valencia Spain (2019)

Topic: Robotic surgery: patient positioning ergonomics & clinical pearls

✓ Chaired a session at Anaesthesia Conference Valencia Spain (2019)

Session on recent advances

✓ Airway instructor at RSACPCON Difficult Airway workshop (2019)

Topic : Videolaryngoscopes

✓ Faculty speaker at the pros and cons session at RSACPCON Rohtak(May 2019)Annual national conference of JOACP

Topic: PEEP should always be used: CONS

✓ Best oral paper award at Best of SABCS (2019) DELHI

Topic: Comparison of PECS block and Opioid based general anaesthesia in patients undergoing modified radical mastectomy

✓ Faculty for Panel Discussion at the Indian Society of Anaesthesiology Annual national level Conference-(Nov 2018 Agra)

Topic: Perioperative medicine: The pathway to better surgical care

✓ Award for BEST ORIGINAL ARTICLE 2018 published in Indian Journal of Anaesthesia (Official Journal of Indian Society of Anaesthesiologists): presented at ISACON 2018

Topic: Cardiac output monitoring: A comparative prospective observational study of the conventional cardiac output monitor Vigileo™ and the new smartphone-based application Capstesia™

✓ 1<sup>st</sup> Prize in Poster Presentation: ONSD (International Cancer Congress;ICC)

Topic: Non-Invasive ICP measurement during Robotic Surgery (Ultrasound optic nerve sheath diameter – ONSD)

- ✓ Faculty for panel discussion at the 1<sup>st</sup> SOAPCCON: Oncoanaesthesia conference at Tata Memorial Hospital; Mumbai (17-19Aug 2018)

**Topic: Advanced haemodynamic monitoring**

- ✓ Difficult airway Conference 2018 (Poster selected among Best 3 posters for podium presentation)

**Topic: Fiberoptic bronchoscopy not always the first choice**

- ✓ Oral Presentation at RGCON 2018and 2019

- 2018 Topic: Goal directed fluid therapy using transesophageal echocardiographic IVCD distensibility index in patients with low left ventricular ejection fraction undergoing major cytoreductive surgery
- 2019 Topic: Validity of Thoracoscore in predicting mortality and estimation of Return to Intended Oncological Treatment (RIOT) in thoracic surgery

- ✓ Oral Presentation at IARS Chicago (28apr-1<sup>st</sup> May 2018)

**Topic: Cardiac Output Monitoring: A Comparative Prospective Observational Study of the Conventional Cardiac Output Monitor and a New Smartphone Based Application**

- ✓ Oral presentation on invitation to International Surgery Conference Toronto Canada (Oct 2017) Moderator for a session at the same conference (Oct 2017)

**Topic: Anaesthesia for robotic surgery**

- ✓ Faculty/Instructor for Seed Workshop (Airway Conference Sept 2017)

**Topic : Front of neck airway**

- ✓ Best Oral presentation at RGCON 2017

**Topic: Recent advances in anaesthesia for breast cancer surgery**

✓ **BEST RESEARCHER'S AWARD (2016)** at Rajiv Gandhi Cancer Institute and Research centre

✓ **FREE PAPER: ISA DELHI CHAPTER 2016**; ANNUAL CONFERENCE

**Topic: Goal directed fluid therapy using transesophageal echocardiographic IVCD distensibility index in patients with low left ventricular ejection fraction undergoing major cytoreductive surgery.**