

USRA pioneer, innovator, clinical scientist

#### Dr. Arunangshu Chakraborty, MBBS, MD

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#### **Specialism**

I have championed Ultrasound guided regional anaesthesia (USRA) and Point of care ultrasound (POCUS) across India through clinical innovation, research, publication and teaching using didactics, volunteer scanning and simulation.

# Professional Experience

**Tata Medical Center,** Kolkata, WB, India / Senior Consultant, Oncoanaesthesia: January 2013 - present

During my decade at Tata Medical Center, which is a high volume tertiary level cancer hospital in Eastern India, I have developed domain expertise in-

- Ultrasound guided regional anaesthesia (USRA)
- Point of Care Ultrasound (POCUS)
- ❖ Anaesthesia for head & neck, HPB, thoracic, HIPEC surgery
- Difficult airway management

#### Medical College, Kolkata / Assistant Professor, Anaesthesia

February 2010 - January 2013, Kolkata, WB, India During my tenure at the Medical College I focussed on-

- Medical education
- Paediatric anaesthesia

#### **Education**

**National University Hospital Singapore/** Clinical Fellowship July 2012 - Jan 2013, Singapore

Moti Lal Nehru Medical College / MD Anaesthesiology June 2006 - June 2009, Allahabad, UP, India

Nil Ratan Sircar Medical College / MBBS

August 1998 - Sept 2003, Kolkata, India

## Research and Publications

<u>ORCID</u>: 0000-0002-0069-700X

**Google Scholar** 

I have authored 7 original articles, 1 education article, 4 review articles, 3 letters to the editor and 8 case reports in leading journals including *Anesthesia & analgesia*, *RAPM*, *Anaesthesia*, *Indian Journal of Anaesthesia* etc. I have also co-authored 12 book chapters. My publications have overall 451+ citations. (google scholar link) One original article and three book chapters are under submission. The details have been submitted as an appendix.

#### Books: Editor of:

- 1. Blockmate: A Practical Guide for Ultrasound Guided Regional Anaesthesia ISBN 978-981-15-9202-7
- 2. Prehabilitation for Cancer Surgery ISBN: 978-981-16-6494-6
- 3. A Practical Guide to Point of Care ultrasound (POCUS) ISBN: 978-981-16-7687-1

Blockmate has been translated in Mandarin and Turkish.

**Ongoing research:** Currently I am heading three research protocols, all registered with the Clinical Trials Registry of India.

### Experience in editorial role

I have co-edited three international text books of anaesthesia. On these projects, I have worked with authors from Europe, North America and Asia. I have contract of three more books that I am co-editor of.

I am presently serving as Associate editor of-

- 1. International Journal of Regional Anaesthesia
- 2. Journal of Indian Association of Paediatric Surgeons
- 3. East and North Supplement of Indian Journal of Anaesthesia

I serve as peer reviewer for many journals, notably-

- 1. Anaesthesia and analgesia
- 2. Indian Journal of Anaesthesia
- 3. Annals of Medicine (Singapore Medical Association)
- 4. Journal of Indian Association of Paediatric Surgeons

#### About me

I see opportunity in challenges, think out of the box and use creativity to find cogent solutions. I am inquisitive, creative and an eternal optimist, who believes that the best is yet to come.