

# Curriculum Vitae

## Rajendra Kumar Sahoo

*MBBS, MD, CIPS, ASRA-PMUC, FIPM*  
*Fellowship in Pain Medicine (University of Toronto)*  
*Fellowship in Regional Anesthesia*  
*Member: SIG, Musculoskeletal Pain, ISSP*  
*Director, Neuron Pain & Spine Clinic*

### A. Date Curriculum Vitae is Prepared: September 18, 2020

### B. Biographical information

Current address: Salarpuria Gardenia, Tower 6, 11 E  
King Martin Luthur Road, Bidhan Nagar, Durgapur  
West Bengal, India  
723212

Cell phone +91 77500 08259/ +91 85973 84286

Date of Birth July 13, 1981

Email [sss.raaj@gmail.com](mailto:sss.raaj@gmail.com),

## 1. EDUCATION

### Qualifications:

2017 Ultrasound Pain & MSK Interventions Certification by American Society of Regional Anesthesia  
And Pain Medicine (ASRA), USA [ASRA-PMUC]

2016 CIPS (Certified Interventional Pain Sonologist) by World Institute of Pain, USA

2016 MCCEE (Medical Council of Canada Evaluating Examination)

2010 M.D. Anesthesiology, Grant Medical College and J.J Group of Hospitals, Mumbai, India

2005 MBBS, MKCG Medical College, Berhampur, Odisha, India

### Fellowships, Research and Specialty Training

2015 Jul- 2017 Jun Fellowship Pain Management, Toronto Western Hospital, University of Toronto, Toronto, Canada

2012 Feb- 2013 Mar Fellowship, Pain Management, Kamineni Hospitals, Hyderabad, India

2010 Aug- 2011 Jul Fellowship, Regional Anesthesia, Ganga Hospital, Coimbatore, India

### Licensure

2015 - 2017 CPSO, College of Physicians and Surgeons of Ontario, Canada

2014 till today Andhra Pradesh Medical Council, Hyderabad, India

2004 - 2014 Odisha Council of Medical Research, Bhubaneswar

## 2. EMPLOYMENT

### Current Position

Sept 2020

**Senior Consultant- Interventional Pain Management**

**Dept of Anesthesia & Pain Medicine**

**Kalinga Institute of Medical Sciences, KIIT University**

**Bhubaneswar, Odisha, India, 751024**

### Last Position

2017 Oct- 2020 Aug

Senior Consultant, Pain Medicine & Anesthesiology

Health World Hospitals, Durgapur, India.

Started & successfully ran "Pain Clinic"

Published 13 papers in peer-reviewed journals

Delivered lectures in the hospital for nurses, paramedics, and at the regional and national Level.

Instrumental in teaching "Ultrasound-guided blocks, and pain procedures" to other Consultants.

2015 Jul- 2017 Jun

- **Position- Clinical Fellow**, Chronic Pain Management, Department of Anesthesia and Pain Management, Toronto Western Hospital- University Health Network, University of Toronto, Toronto, Canada.
- **Multidisciplinary Pain Management** Program at 3 sites.
- **Spinal Pain, Cancer Pain, Musculoskeletal Pain, Pelvic Pain, Headache and Orofacial Pain, Neuropathic pain, and Persistent post-surgical pain:** assessment, formulation of treatment, recommendation, interventions and rehabilitation based on **bio-psycho-social** model.
- Both **Fluoroscopic and Ultrasound** guided interventions.
- **Radiofrequency Ablation** for spinal pain, cancer pain, and other peripheral nerves.
- **Ultrasound** guided MSK, peripheral nerve and some spine procedures.
- **Regenerative therapy** in musculoskeletal pain.
- **Ketamine infusion** for CRPS, refractory neuropathic pain: largest referral center in Canada.
- **Dual Ultrasound Pain and MSK interventions certificate from WIP (CIPS) and ASRA.**
- **Academics:** Pain rounds presentation, research activity, presentation at University of Toronto Annual Shields Research Day, WIP World Pain Congress, NYC (poster).
- **Faculty:** Have taught **at Toronto, and Boston** Chronic Pain and Regional Anesthesia workshops.
- **Regular Anesthesia** work was also part of the fellowship, including regional blocks.
- **Ambulatory anesthesia** rotation in one of the largest day-care center.

### Previous appointments

2013 Apr- 2015 May  
Citizens Hospital,  
Hyderabad, India

- **Consultant** in the Department of Anesthesiology, Critical Care and Pain Medicine.
- **Consultant and In-Charge** of the Pain Management Clinic at Citizens Hospital.
- Started the Pain Clinic at Citizens Hospital.

- Took active initiation to start the **Acute Pain Services (APS)**.
- Various academic and research activities including teaching the nursing staff, paramedics regarding pain management issues and creating awareness.
- Regular anesthetic and perioperative care of various surgical patients, mostly thoracic, laparoscopic, bariatric, orthopedic, spine, urology, obstetric, oncology, neurosurgical, and pediatric patients.

2011 Aug- 2013 Mar  
Kamineni Hospital,  
Hyderabad, India

- **Senior Registrar** in Anesthesia and Pain Management for 20 months. I did my **12 months of Fellowship in Pain Medicine** during that period.

2010 Aug- 2011 Jul  
Ganga Hospital,  
Coimbatore, India

- **Registrar** in Ganga Hospital, Coimbatore, India.
- **Fellowship in Regional anesthesia** including Ultrasound guidance.

2007 May- 2010 Jun  
Grant Medical College,  
Mumbai, India

- **Residency (M.D)** in Anesthesiology and Critical care from Grant Medical College and Sir J.J Groups of hospitals, Mumbai, India.
- Anesthesia consultation, preoperative optimization, regional anesthesia and other subspecialty training, research and departmental academic activity.

## C. Academic Profile

### 1. ACADEMIC INTEREST

Chronic pain management  
Ultrasound in Pain Medicine  
Regenerative medicine  
Acute pain management  
Ultrasound guided regional anesthesia  
Point-of-care ultrasound (POCUS)  
Teaching of Regional Anesthesia and Pain Medicine

### 2. EXPERIENCE

i) **Anesthesiology:** Total *Thirteen years* including **Three years** of Residency training.

➤ **Advanced Airway Management Skills:**

- Usage of fibre-optic bronchoscope for intubation, video-laryngoscope and percutaneous techniques

➤ **Ultrasound application for Anesthesia, Pain and Perioperative Care:**

- Various Nerve blocks for anaesthesia and pain management
- Airway, Lung, Gastric and Musculoskeletal ultrasound
- FAST and usage in trauma patients.
- Point-of-care Ultrasound for improving outcome of surgical patients in perioperative setting.

➤ **Subspecialty anaesthetic care**

- Thoracic anaesthesia—good experience in lung isolation techniques, FOB, thoracic epidural, and all spectrum of thoracic surgical patients.
- Trauma, Orthopaedic, Spine- Extensive experience and also certified ATLS provider.
- Obstetrics and Labour analgesia
- Paediatric anaesthesia
- Neurosurgical anaesthesia and neuro-critical care
- Bariatric and laparoscopic anesthesia
- ENT, Head, Neck Oncology and airway surgery

- Oncosurgical anesthesia

ii) **Pain Medicine: *Nine years*** of experience in the practice of Chronic Pain Management.

- Fellowship in Chronic Pain management from University of Toronto, Toronto, Canada (2 years).
- Previous 12 months Fellowship from Kamineni Hospitals, Hyderabad, India.
- Proficient in “Radiofrequency ablation” of facet joints, sacro-iliac joints, gasserian ganglion, sympathetic chain, joint denervation and peripheral nerves.
- Proficiency in various Ultrasound guided chronic pain interventions and musculoskeletal ultrasound.
- Regular percutaneous interventions for spinal pain, sciatica, disc herniation, facet joint pain, sacro-iliac joint pain, coccygodynia, cancer pain and pelvic pain under fluoroscopy.
- I have the experience of starting and running a Pain Clinic successfully for the first time at Citizens Hospital, Hyderabad, India.
- Experience in usage of Ketamine and Lidocaine infusion for Refractory neuropathic pain and Complex regional pain syndrome (CRPS).
- Regenerative therapy in MSK pain conditions.

### 3. SKILLS

- Ultrasound guided regional anesthesia: Upper and lower extremity blocks; truncal blocks, and spine ultrasound.
- Ultrasound guided chronic pain blocks like sacro-iliac joint injection, pudendal block, greater occipital block, intercostal block, ilioinguinal block, suprascapular nerve block, piriformis injection, quadratus lumborum block, cervical nerve root block, major joint and bursa injection and various other blocks.
- Radiofrequency ablation procedures for facet joints, sacro-iliac joint pain, trigeminal ganglion, major joint denervation and peripheral nerves.
- Fluoroscopy guided various pain interventions like epidural steroid injections, facet blocks, sacro-iliac joint block, sympathetic blocks and others.
- Advanced airway management skills like Fiber-optic intubation, video laryngoscopes, and lung isolation techniques.
- Ultrasound application for airway, stomach, and lungs to improve perioperative outcome.

### 4. PUBLICATIONS

#### A. INTERNATIONAL:

1. Bhatia A, **Sahoo RK**. Book review. Waldman’s Comprehensive Atlas of Diagnostic Ultrasound of Painful Conditions. *Anesthesia and Analgesia* 2017; 124:2084.
2. Nair AS, **Sahoo RK**. Implications of pass-over brachial plexus. *Anesth Essays Res* 2017.
3. **Sahoo RK**, Nair AS. Ultrasound guided transverse abdominis plane block for anterior cutaneous nerve entrapment syndrome. *Korean J Pain* 2015; 28:284-6.
4. Nair AS, **Sahoo RK**, Ganapathy M, Mudunuri RK. Ultrasound guided blocks for surgeries/procedures involving chest wall (Pecs 1, 2 and serratus plane block). *Anaesth, Pain and Intensive Care* 2015; 19:348-51.
5. **Sahoo RK**, Nair AS, Kulkarni V, Mudunuri R. Anaesthetic consideration in a patient with giant bilateral lung bullae with severe respiratory compromise. *Saudi J of Anaesthesia* 2015; 9:493-4.
6. Nair AS, Kulkarni V, Verma S, **Sahoo RK**, Reddy PR. One lung ventilation in a patient with tracheostomy. *South Afr J Anaesth Analg* 2015; 1(2):1-2.
7. Nair AS, Macherla G, **Sahoo RK**, Verma S. Electrocardiographic changes after lung resection: Case report and brief review. *Anesth Essays Res* 2015; 9:263-5.
8. **Sahoo RK**, Nair AS. Ultrasound guided injection for plantar fasciitis: efficacy and review of the literature. *Saudi J of Anaesthesia* 2016; 10 (4):440-3.
9. **Sahoo RK**, Jagannathan B, Palanichamy G, Nair AS. Management of perioperative anticoagulation in a patient with protein ‘C’ deficiency and multiple comorbidities for spinal surgery. *Anaesth Pain and Intensive Care* 2015; 19:495-8.
10. Dash SK, Kulkarni V, **Sahoo RK**, Macherla G, Ravikiran M. Idiopathic Pulmonary Hypertension Induced Thrombocytopenia - A Case Report. *J Pulm Respir Med* 2016; 6:322.

11. **Sahoo RK**, Joshi M, Joshi SD, Rao U. Treatment of bilateral refractory saphenous nerve entrapment neuropathy with pulsed radiofrequency. *Anaesth Pain & Intensive Care* 2018;22(1):109-111.
12. Dhar S, **Sahoo RK**, Khan ZH, Majumder SKD, Parida DK. Occipital neuralgia in lung carcinoma: A rare clinical scenario case report. *Arch Oncol* 2018; 24 (1):10-11.
13. **Sahoo RK**, Nair AS, Badole UR, Kar R, Jadon A. Role of regional analgesic techniques in ICU. *Anaesth Pain & Intensive Care* 2018;22 Suppl 1:S73-S82.
14. **Sahoo RK**, Krishna C, Kumar M, Nair AS. Genicular nerve block for postoperative pain relief after total knee replacement. *Saudi J Anaesth* 2020;14: 235-7.
15. **Sahoo R**, Nair A. Implanted peripheral nerve stimulator- Another weapon for managing pain. *Saudi J Anaesth* 2020; 14:267-9.

## B. NATIONAL

1. **Sahoo RK**, Jagannathan B, Palanichamy G, Natarajan V. Anaesthetic consideration in patients with Gorham's syndrome: a case report and review of the literature. *Ind J Anaesth* 2012; 56:391-3.
2. **Sahoo RK**, Dash SK, Raut PS, Badole UR, Upasani CB. Perioperative anaesthetic management of patients with Hypertrophic cardiomyopathy for Noncardiac surgery: A case series. *Ann Card Anaesth* 2010; 13:253-6.
3. Nair AS, **Sahoo RK**. Efficacy of memantine hydrochloride in neuropathic pain. *Indian J Palliat Care* 2019;25:161-2.
4. Jadon A, **Sahoo R** et al. Acute foot drop due to Piriformis Syndrome managed with Pulsed Radiofrequency: A Case Report. *J Recent Adv Pain* 2019;5(1): 24-26.
5. **Sahoo RK** et al. Stellate ganglion block as rescue therapy in refractory electrical storm. *Ann Card Anesth* 2020; Oct-Dec issue DOI: 10.4103/aca.ACA\_168\_19
6. Nair AS, **Sahoo R**. "Actipatch: Can it be a tool to empower chronic pain patients?" *Indian J Palliat Care* 2020;26:392-3.
7. **Sahoo RK**, Kar R, Patel R, Kumar M, Giri D, Biswas M, et al. Pectoral-intercostal fascial plane block in chronic post-sternotomy pain. *Ann Card Anaesth* 2020 DOI:10.4103/aca.ACA\_62\_20.
8. **Sahoo RK**, Kar R, Patel R, Jadon A. Low back pain from Bertolotti's syndrome: A not-so-uncommon aetiology. *Indian J Anaesth* 2020;64:729-31.
9. **Sahoo RK**, Matche P, Lawange SA, Khanna S, et al. Ultrasound in Pain and Musculoskeletal Interventions: A Nation-wide survey of Practicing Pain Physicians. Accepted in *Indian J Pain*
10. **Sahoo RK**, Jadon A, Sharma SK, Nair AS. Pericapsular nerve group (PENG) block for hip fractures: Another weapon in the armamentarium of anaesthesiologists. Accepted in *J Anaesth Clin Pharmac* (DOI not assigned)
11. **Sahoo RK**, Jadon A, Sharma SK, Peng PWH. Pericapsular Nerve Group (PENG) Block Provides Excellent Analgesia in Hip Fractures and Positioning for Spinal Anaesthesia: A Prospective Cohort Study. Accepted in *Indian J Anaesth*

## 5. PAST RESEARCH PROJECT

1. Impact of psychological and physiological variables on efficacy of perineural local anesthetic - steroid injections for peripheral neuropathic pain.
2. Efficacy and safety of two ultrasound-guided approaches for injection of steroids around greater occipital nerve for treatment of occipital headaches.

## 6. CURRENT RESEARCH PROJECT

1. Efficacy of PENG block for pain relief in Hip fractures.
2. Efficacy of Genicular nerve block for acute postoperative pain relief following TKR.

## 7. BOOK CHAPTERS

1. **ISSPS** (International Symposium on Spine and Paravertebral Sonography) Book, 2<sup>nd</sup> edition by Prof Manoj K Karmakar. **Rajendra Sahoo and Philip Peng**. Ultrasound imaging of the Shoulder Joint and Injection Techniques. August 2016

2. **Year Book of Anaesthesiology 2018 by Indian College of Anaesthesiologist, 8<sup>th</sup> edition. Chest Wall blocks-**  
Ashok Jadon and Rajendra Sahoo
8. **REVIEWER:** Indian Journal of Clinical Anaesthesia, from May 2016  
Anaesthesia, Pain and Intensive Care Journal from Feb 2017  
International Journal of Health & Allied Sciences from July 2017  
Journal of Anaesthesia and Critical care case reports from October 2017  
Indian Journal of Pain from December 2019  
Indian Journal of Anaesthesia from August 2020

## D. Presentations and Special Lectures

### Abstracts and Other Papers

#### International

1. Role of screen questionnaires and quantitative sensory testing in detecting neuropathic pain in osteoarthritis: a scoping review. Poster presentation made at **38<sup>th</sup> Annual Shield's Research Day of University of Toronto on April 28, 2017.**
2. Impact of psychological and physiological variables on efficacy of perineural local anesthetic - steroid injections for peripheral neuropathic pain. Presented at the "**Collaborative Research Rounds- Toronto Western Hospital, University of Toronto**" on January 18, 2016.
3. Ultrasound guided injection of Baxter nerve for chronic heel pain. Poster presentation at International Symposium of Ultrasound for Regional Anesthesia, Pain, MSK and Perioperative application (**ISURA**), **Toronto, June 2016.**
4. Transmuscular Quadratus Lumborum block for chronic bilateral anterior thigh pain. Poster presentation at International Symposium of Ultrasound for Regional Anesthesia, Pain, MSK and Perioperative application (**ISURA**), **Toronto, June 2016.**
5. Impact of psychological and physiological variables on efficacy of perineural local anesthetic - steroid injections for peripheral neuropathic pain. Oral presentation made at **37<sup>th</sup> Annual Shield's Research Day of University of Toronto on May 13, 2016.**
6. Impact of psychological and physiological variables on efficacy of perineural local anesthetic - steroid injections for peripheral neuropathic pain. Presented as e-poster at **WIP World Pain Congress**, New York, May 2016.
7. **Pulsed Radiofrequency Treatment for Bilateral Intractable Saphenous Neuropathy.** Presented at World Pain Symposium, Kolkata, India. November 14-17, 2013.

#### National

1. **Efficacy of Radiofrequency in different chronic pain syndromes: Our experience.** Presentation at the 28<sup>th</sup> Annual National Conference of Indian Society for the Study of Pain 2013, Nagpur, India.
2. **Perioperative anaesthetic management of patients with Hypertrophic Cardiomyopathy for Non- cardiac surgery:** Presented at the Annual Scientific Conference, Grant Medical College & Sir JJ Group of Hospitals, Mumbai, 2009.
3. **Airway management in Maxillo-facial trauma: A review of 117 cases:** Presented at the Annual Scientific Conference, Grant Medical College & Sir JJ Group of Hospitals, Mumbai, 2009.
4. **Anesthesia for Esophagectomy.** October 2014 at Citizens Hospital on the monthly CME for Anaesthesia Postgraduate Trainees.
5. **Presented many lectures related to Anesthesia and Pain management** in the departmental academic rounds and hospital monthly CMEs at Citizens Hospital, Hyderabad, India.
6. Hip Articular Branch block for analgesia following hip fractures: A prospective multicenter cohort study. Presented at ISSP (Indian Society for Study of Pain) 34<sup>th</sup> Annual Conference at Bangalore, Feb 1-3, 2019
7. Genicular nerve block for acute pain management following TKR. Presented at ISSP (Indian Society for Study of Pain) 34<sup>th</sup> Annual Conference at Bangalore, Feb 1-3, 2019.
8. **Ultrasound in Pain and Musculoskeletal Interventions:** A Nation-wide survey of Practicing Pain Physicians. Presented as a poster at "International Conference on Recent Advances in PAIN", Nagpur on September 15, 2020.

## Invited Lectures and Presentations

### International

- 2019 May **Faculty** invitation for **ESRA** Cadaveric Workshop Regional anesthesia and Pain medicine, Madrid, Spain.  
Demonstrated USG-guided Celiac & Hypogastric plexus block in volunteers and cadavers.
- 2019 May **Faculty** invitation for **ESRA** Cadaveric Workshop Regional anesthesia and Pain medicine, Madrid, Spain.  
Demonstrated USG-assisted Trigeminal blocks in volunteers and cadavers.
- 2018 Nov **Faculty** invitation at 1<sup>st</sup> International Ultrasound Conference in Pain Medicine (WAPMU India Chapter) at Bengaluru. Presented “Botulinum Toxin: Current Concepts”  
Workshop: Hands-on Live model demonstration of Various MSK, Spine and Joint interventions  
Workshop: Cadaveric Knee and Ankle interventions demonstration.
- 2018 May **Faculty** invitation for **ESRA** Cadaveric Workshop Regional anesthesia and Pain medicine, Madrid, Spain  
May 23 Demonstrated and taught- “USG guided Cervical plexus, Cervical medial branch and stellate ganglion block”
- 2018 May **Faculty** invitation for **ESRA** Cadaveric Workshop Regional anesthesia and Pain medicine, Madrid, Spain  
May 24 Demonstrated and taught- “USG guided foot and ankle block”
- 2018 May **Faculty** invitation for **ESRA** Cadaveric Workshop Regional anesthesia and Pain medicine, Madrid, Spain  
May 25 Demonstrated and taught- “How to improve needle visualization in USG-RA”
- 2018 May **Faculty** invitation for **ESRA** Cadaveric Workshop Regional anesthesia and Pain medicine, Madrid, Spain  
May 26 Demonstrated and taught- “Spine Sonography and Neuraxial anesthesia”
- 2017 Jun **Faculty** at “Ultrasound guided major joint denervation, and regenerative therapy workshop” by WAPMU, June 24-25, Toronto, Canada.
- 2017 Jun **Faculty** at “Ultrasound Guided Regional Anesthesia” workshop, **University of Toronto**. Demonstrated Ankle, Chest wall blocks and Lower limb blocks in live volunteers. June 3-4, 2017
- 2017 April Invited as **Faculty** for demonstration of **US ‘Hip and Knee Joint pain procedures’** on volunteers at **“Canadian Interventional Pain Conference” at Toronto**, April 7-8, 2017.
- 2017 May Invited as a **Faculty** for demonstration of **‘Pelvis and Lumbar Spine Interventional pain procedures’** on Cadavers at **“Ultrasound for Pain Medicine” course at University of Toronto**, May 2017.
- 2016 Jun Invited as a **Faculty** for World Academy of Pain Medicine Ultrasonography (**WAPMU**) Ultrasound Guided Denervation-Cryotherapy and Radiofrequency ablation, **Boston**, MA, USA, June 25, 2016.

### National

- 2020 Feb **Faculty** at Daradia Pain Hospital, Kolkata. Demonstrated “Cervical Ultrasound” on volunteers in an “Ultrasound in Pain Management” symposium and hands-on workshop on Feb 2020.
- 2020 Feb **Faculty** at 27<sup>th</sup> National conference of IAPC (Palliative care) at Guwahati, Feb, 2020.  
Presented “Basics of Ultrasound” and taught “Hip and Gluteal Sonography” on volunteers.
- 2019 Dec **Faculty** at CUSA (Comprehensive Symposium on Ultrasound for Anaesthesiologists) AIIMS, Delhi on Dec 6, 2019. Delivered Lecture on US-guided lower limb blocks and conducted volunteer and cadaveric Scanning and needling.
- 2019 Dec **Faculty** at Jamshedpur Society of Anesthesia CME. Lecture on USG basics and conducted lower limb scanning among volunteers.
- 2019 Nov **Faculty** at 67<sup>th</sup> Annual National ISA Conference at Bangalore- Demonstrated on Volunteer and Cadaveric US scanning and needling on Pelvis and Gluteal areas in Chronic Pain Workshop.
- 2019 Sept **Faculty** at 32<sup>nd</sup> BIHAR JHARKHAND ISACON 2019 at BOKARO- Delivered lecture on Truncal blocks

- and demonstrated on volunteer about US hands-on scanning technique.
- 2019 Jul **Faculty** at Kolkata ISA Metro CME: Delivered lecture on “How to do USG-guided blocks?” Demonstrated “Lower limb nerve block techniques” in volunteers.
- 2019 Jul **Faculty** at Academy of Regional Anesthesia of India (**AORA**) 9<sup>th</sup> Annual Conference, Coimbatore, India. Taught in USG Chronic pain workshop- demonstrated hip scanning techniques.
- 2019 Jul **Faculty** at Academy of Regional Anesthesia of India (**AORA**) 9<sup>th</sup> Annual Conference, Coimbatore, India. Delivered lecture on “Gluteal and Pelvis pain: Can USG be helpful?”
- 2019 Jul **Faculty** at Academy of Regional Anesthesia of India (**AORA**) 9<sup>th</sup> Annual Conference, Coimbatore, India. Delivered lecture on “Practical tips for successful PNS-guided axillary blocks”.
- 2019 Apr Delivered lecture on “Scope of Interventional Pain Medicine” at Annual IMA meet of Asansol, India
- 2019 Feb **Faculty** at Indian Society for Study of Pain (ISSP) 34<sup>th</sup> National Conference in Bangalore. Delivered a lecture on “Musculoskeletal Ultrasound- Is it the future?”
- 2019 Feb **Faculty** at Indian Society for Study of Pain (ISSP) 34<sup>th</sup> National Conference in Bangalore. Delivered a lecture on “Muscular Pain Syndromes of Lower back and Pelvis”
- 2019 Feb **Faculty** at Indian Society for Study of Pain (ISSP) 34<sup>th</sup> National Conference in Bangalore. Demonstrated Pelvic blocks (Caudal, SI joint, Piriformis etc) in the workshop in volunteer.
- 2019 Jan **Faculty** at All India Physical Medicine Rehabilitation National Conference in Mumbai- Demonstrated Pelvic and lower extremity blocks in volunteers.
- 2019 Jan **Faculty** at Regional Anesthesia workshop at Tata Medical center, Mumbai- Demonstrated Sacral plexus, and various sciatic nerve blocks.
- 2018 Dec Delivered lecture on “Scope of Interventional Pain Medicine” at Annual IMA-AMS Eastern Zonal Conference, Dhanbad, India.
- 2018 Dec **Faculty** at Musculoskeletal Pain workshop at Kolkata- Demonstrated Pelvic interventions in volunteer.
- 2018 Sep **Faculty** at “PNS and USG guided Nerve Block Workshop” at Bhubaneswar, September 29-30, 2018. Conducted Hands-On USG Workshop on “Brachial Plexus Blocks Above Clavicle”. Delivered talk in “Pro-Con Debate: Adductor Canal Block is Ideal for TKR”
- 2018 Sep **Faculty and Organizing Secretary**, Advanced Regional Anesthesia Workshop, Durgapur **Hands-on Scanning session:** Ultrasound Knobology and image optimization
- 2018 Sep **Faculty and Organizing Secretary**, Advanced Regional Anesthesia Workshop, Durgapur **Lecture:** Advanced Blocks for Hip and Knee: Lumbar and Sacral Plexus Block
- 2018 Sep **Faculty and Organizing Secretary**, Advanced Regional Anesthesia Workshop, Durgapur **Lecture:** Basics of Ultrasound for Regional Anesthesia
- 2018 Aug **Faculty at AORA** (Academy of Regional Anesthesia) 8<sup>th</sup> National Conference, Thiruvananthapuram, India. Delivered a Lecture on “Tips and Tricks for Ultrasound guided blocks above clavicle”
- 2018 Mar **Faculty** at KIMS, Secunderabad, India for Hands-on Ultrasound Workshop on Acute and Chronic Pain Management. Demonstrated many regional and chronic pain blocks (SI Joint, Pelvis, Hip, Knee and Peripheral nerves) on volunteers; faculty participation in “Meet the experts” session. March 31<sup>st</sup>, April 1<sup>st</sup>, 2018, Hyderabad, India.
- 2018 Mar Delivered lecture on “Scope of Interventional Pain Medicine” at Annual IMA meet of Durgapur, India
- 2018 Feb **Faculty** invitation at 7<sup>th</sup> IPSA (Interventional Perioperative Sonography Association of India) Hands-on Ultrasound workshop on Feb 17-18 @ Kolkata. Demonstrated “Pelvic USG for RA and Pain and USG Knobology”.
- 2018 Feb **Faculty** invitation for ISSP Conference (National Pain conference) New Delhi, India. Taught in the Hands-on Cadaveric workshop on “Cervical Spine interventions” and delivered a lecture on “Lumbar Spine interventions- Clinical Pearls”.
- 2017 Nov **Faculty** at National Anesthesia Conference (ISACON 2017) at Kolkata. Demonstrated “Ultrasound guided nerve blocks above clavicle.”
- 2017 Oct **Faculty** invitation for “Interventional Pain Management workshop at Medanta- The Medicity”, Gurgaon, India. Demonstrated “Ultrasound of Major Joints and intervention techniques” on Oct 28, 2017.
- 2017 Sept Invited **Faculty** at “Anesthesia Update 2017”, Hubli, Karnataka on Sept 3, 2017. Demonstrated USG Lower limb nerve block in Volunteers.
- 2017 Aug Delivered lecture as a **Faculty** at International Conference on Recent Advances on Pain- ICRA 2017 at Pune on “Hip and Knee Joint Ultrasound.”
- 2017 Aug Demonstrated “Spine and Pelvic Pain interventions under Ultrasound” at ICRA Pain 2017 at Pune on volunteers.
- 2015 Apr **Invited speaker.** Delivered lecture on “Sympathetic blocks” at “PAIN RELIEVERS”: 1<sup>st</sup> Cadaveric



- 2015 Apr Hands-on workshop on Interventional Pain Management at Jabalpur, India.  
**Invited speaker.** Delivered lecture on “Ultrasound in chronic pain interventions: Current evidence” at “PAIN RELIEVERS”: 1<sup>st</sup> Cadaveric Hands-on workshop on Interventional Pain Management at Jabalpur, India.
- 2015 Apr **Invited speaker.** Delivered lecture on “Ultrasound guided regional anesthesia” at “PAIN RELIEVERS”: 1<sup>st</sup> Cadaveric Hands-on workshop on Interventional Pain Management at Jabalpur, India.
- 2015 Apr **Invited speaker.** Delivered Lecture on “Labour Analgesia: Current trends” to the delegates and city anesthesiologists at Jabalpur, India.
- 2015 Apr **Invited guest speaker.** Delivered Lecture on “Labour Analgesia: Current trends” to the Jabalpur Obs Gynec society at Jabalpur, India.
- 2015 Apr **Invited speaker.** Demonstrated wide range of nerve block techniques for regional anesthesia, chronic pain, musculoskeletal ultrasound on volunteers at “PAIN RELIEVERS”: 1<sup>st</sup> Cadaveric Hands-on workshop on Interventional Pain Management at Jabalpur, India.
- 2015 Apr **Invited speaker.** Conducted live workshop on Labour Analgesia from N.S.C.B Medical College, Jabalpur, India.
- 2014 Dec **Invited speaker.** Demonstrated various Ultrasound Blocks for Chronic Pain including Musculoskeletal Ultrasound at Interventional Pain Management workshop at Kamineni Pain Management Centre, Hyderabad, India.

## E. Organizational Skill

- 2018 Sept Organizing Secretary: 1<sup>st</sup> Advanced Regional Anesthesia Workshop and CME (ARAW 2018) at Health World Hospitals, Durgapur. (WBMC granted 6 CME credit hours for the same)
- 2018 Nov Organizing Committee: 1<sup>st</sup> International Ultrasound Conference in Pain Medicine (UCPM), Bengaluru

## F. Professional Affiliations

- 2017 till present Member, Academy of Regional Anesthesia of India  
 2014 till present Member, Indian Medical Association  
 2012 till present Member, Indian Society for Study of Pain  
 2010 till present Member, Indian Society of Anesthesiologists

## G. Important Courses and Meetings

WAPMU: 1<sup>st</sup> WAPMU India Chapter Ultrasound in Pain Medicine conference  
 AORA: 8<sup>th</sup> National Conference of Academy of Regional Anesthesia, Trivandrum, India, Aug 2018  
 ESRA Cadaveric Workshop in Regional Anesthesia and Pain, Madrid, Spain, May 2018  
 ISSPCON: National Pain Conference, Delhi, Feb 2018  
 IPISA: 7<sup>th</sup> Interventional Perioperative Sonographic Association Workshop, Kolkata, Feb 2018  
 ISACON: National Conference of Indian Society of Anaesthesiologists, Kolkata, Nov 2017  
 ICRA: International Conference on Recent Advances in Pain, Pune, August 2017  
 CIPC: 10<sup>th</sup> National Canadian Interventional Pain Course (Faculty), Toronto, 2017.  
 ISURA: International Symposium on Ultrasound for Regional Anesthesia, Pain and Perioperative application, June 2016, Toronto, Canada.

WAPMU Live and Cadaveric Ultrasound Pain Medicine Workshop for CIPS preparatory examination at 8<sup>th</sup> World Pain Congress, World Institute of Pain, New York, USA.

Ultrasound for Pain Medicine cadaveric workshop, University of Toronto

Ultrasound guided regional anesthesia workshop, University of Toronto

6<sup>th</sup> National Interventional Pain management workshop for fellows, University of Toronto

Yashoda Academy of Pain Medicine- Hands on cadaveric workshop on pain management, Hyderabad, India.

Comprehensive Interventional Pain Management and cadaveric workshop, Mumbai, India

2<sup>nd</sup> International conference of Interventional Pain Management and cadaveric workshop, AIIMS, New Delhi, India

Certified ATLS provider by American college of Surgeons, AIIMS, NEW DELHI, INDIA  
Difficult Airway Conference and workshop, Tata Memorial Hospital, Mumbai, India  
Advanced Regional Anesthesia and Ultrasound workshop, Grant Medical College, Mumbai, India

Ultrasound guided nerve block workshop, Mumbai, India

**H. Hobby:** Sports, Cycling, Hiking and Travelling.

## I. References

### 1. Dr Anuj Bhatia

*MBBS MD FRCA FRCPC FRCPC (Pain Medicine) FIPP FPPMRCA EDRA CIPS*

Associate Professor, Department of Anesthesia and Pain Management

Faculty of Medicine, University of Toronto

Staff Anesthesiologist and Pain Physician, and Director, Chronic Pain Services

Toronto Western Hospital and Mount Sinai Hospital, Toronto, Canada

Email- [Anuj.Bhatia@uhn.ca](mailto:Anuj.Bhatia@uhn.ca), [bhatiaanuj@hotmail.com](mailto:bhatiaanuj@hotmail.com)

### 2. Dr Paul S Tumber

*MD, FRCPC*

Asst Professor, Department of Anesthesia and Pain Management

Director, Chronic Pain Education and Fellowship director

Staff Anesthesiologist and Pain Physician

Toronto Western Hospital and Mount Sinai Hospital

Toronto, Ontario, Canada

Email- [Paul.Tumber@uhn.ca](mailto:Paul.Tumber@uhn.ca)

### 3. Dr Rajesh Kar

MBBS, MD, PDCCA

Senior Consultant- Cardiac Anesthesia, Chief Anesthesiologist

Health World Hospital, Durgapur

Email- [drrajeshkar@yahoo.co.in](mailto:drrajeshkar@yahoo.co.in)

### 4. Dr Atul J Prabhu

*MBBS, FRCPC, FRCA*

Asst Professor, Department of Anesthesia and Pain Management

Deputy Anesthetist-in-Chief,

Toronto Western Hospital- UHN, University of Toronto

Toronto, Ontario, Canada

Email- [Atul.Prabhu@uhn.ca](mailto:Atul.Prabhu@uhn.ca)