

## **BRIEF CURRICULUM VITAE OF MANOJ KUMAR KARMAKAR**

**7<sup>th</sup> July 2016**

### **General and Personal Information:**

**Given Names:** KARMAKAR, Manoj Kumar  
**Academic Qualifications:** MBBS, MD, DA (UK), FRCA FHKCA, FHKAM  
**Present Appointment:** Professor, Director of Paediatric Anaesthesia  
\* Secretary General of the Asian Oceanic Society of Regional Anaesthesia (AOSRA)  
\* Past President of the Asian Society of Paediatric Anaesthesiologists (ASPA)  
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**Researcher ID: J-9370-2013** (<http://www.researcherid.com/rid/J-9370-2013>)

### **Professor. Karmakar M.K - Introduction**

Professor. Karmakar M.K is the Director of Paediatric Anaesthesia at the Chinese University of Hong Kong, Prince of Wales Hospital, Shatin in Hong Kong. Professor. Karmakar's area of research interest include regional anesthetic techniques in adults and young children and in particular thoracic paravertebral block, spinal sonography, ultrasound guided central neuraxial blocks and local anesthetic pharmacology. Professor Karmakar is internationally recognized for his research on regional anesthesia in both adults and children. His research has defined the sonoanatomy of the spine and has described real-time ultrasound guidance for central neuraxial blocks (epidural injections). He has also been at the forefront of research on paravertebral blockade and its use for anesthesia and analgesia. He has also demonstrated that paravertebral blockade can reduce chronic pain and improve health related quality of life after major breast cancer surgery. Professor Karmakar has also pioneered many novel techniques of delivering peripheral nerve blockade.

Professor. Karmakar has published extensively in various high impact peer review journals, been invited to speak at numerous international meetings around the world, been a faculty of countless international workshops, and has lectured as a visiting professor at various reputable international universities; such as Columbia University College of Physicians and Surgeons, New York; Penn State Milton S Hershey Medical Center, Penn State College of Medicine, Hershey; University of Barcelona, Spain; Thomas Jefferson University, Philadelphia; Medical University of Vienna, Austria; UCSD, San Diego, USA and Western University, Ontario, Canada. He has also authored numerous book chapters and co-edited several reference textbooks of regional anesthesia. Professor Karmakar has supervised three PhD thesis to date and has trained several fellows from around the Asia-Pacific region on regional anesthesia. He has been a recipient of several competitive and non-competitive grants. Professor Karmakar has been hosting the issps (International Symposium on Spine and Paravertebral Sonography for Anesthesia and Pain Medicine) annually in Hong Kong since 2009. Today it is the premier meeting on the subject and attended by anesthesiologists and pain physicians from around the globe. Professor Karmakar has also been involved in the organization of numerous international conferences. He is currently the Secretary General of the Asia Oceanic Society of Regional Anaesthesia (AOSRA) and the immediate past president of the

Asian Society of Paediatric Anaesthesiologist's (ASPA). Dr. Karmakar currently serves as an editorial board member of the Journal of Paediatric Anesthesia, Regional Anesthesia and Pain Medicine, and is a reviewer for several major peer reviewed journals in anesthesiology.

### **Clinical and Research Interest**

Regional Anaesthesia and Analgesia, Thoracic Paravertebral Block in Anaesthetic Practice, Pain Management following Thoracic Trauma, Clinical Pharmacology of local Anesthetics, Application of Regional Anaesthesia for Major Breast Surgery, Regional anaesthesia and its effects on Chronic pain generation and Quality of Life after major breast surgery, Thoracic paravertebral block and metastasis free survival after breast cancer surgery, Ultrasound Guided Regional Anaesthesia, Regional Anaesthesia in children, Ultrasound Guided Central Neuraxial Blocks for Perioperative Analgesia in Neonates and Young Infants Volumetric 3D 4D Ultrasound Imaging and its Role in Regional Anesthesia.

### **Research Output and Scholarly Publications:**

Sub-total **251**: Peer Reviewed Journal Papers: **96**, Editorial: **1**, Letters in Journals: **26**, Abstracts in Journals: **6**, Book Chapters: **11**, Book Edited: **1**, Book Co-Edited: **1**, Post-graduate Thesis: **4** and Abstract in the Proceedings of International Meetings: **105**

**Invited Speaker Assignments:** Sub-total: 232, Plenary Key note speaker: 32, other invited speaker Assignments: 200

**Citation Report as a Scholar:** Results from the Web of Science under search criteria "Karmakar MK" (as of 16<sup>th</sup> January 2016)

Database	Number of publications	Cumulative number of Citations	Average Citation per Item	H-index
ISI Web of Science	106	1629	15.37	23

**Faculty at Courses, Workshops at Local and International Meetings - Sub-total 133**

**Live demonstration Sessions at International Meetings – Sub-total 14**

**International Conference Convener or Chairman – Subtotal 15**

**Visiting Professor to Various International Universities: Sub-total 13**

**Service to Editorial Boards:**

**Editorial Board Member** – Journal of Paediatric Anaesthesia, Regional Anesthesia and Pain Medicine

**Invited Guest Reviewer** - for "Anesthesiology", "British Journal of Anaesthesia", "Anaesthesia", "Anesthesia Analgesia", "Paediatric Anaesthesia", "Regional Anesthesia and Pain Medicine", and "Journal of Clinical Anaesthesia"