



## Chandra Mohan Kumar

Senior Consultant, Anaesthesia, KTPH

Visiting Professor, University of Newcastle (UK) & Newcastle University  
Medical School, Malaysia

### Research Interests:

- Ophthalmic
- Airway
- Elderly

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## Biography

Visiting Professor, Newcastle University Medical School, Malaysia and a Senior Consultant in Anaesthesia, Khoo Teck Puat Hospital, Singapore. Previously worked as Professor and Consultant Anaesthetist, The James Cook University Hospital, Middlesbrough, UK since August 1987. Has conducted several research pertaining to ophthalmic, ageing and airway. Edited 10 textbook in various subspecialties of anaesthesia, published more than 150 peer review articles and editorials in high impact factor journals. Contributed 12 chapters for other books. Interested in elderly, ophthalmic, regional, colorectal anaesthesia, computers, technology and education. Lectured worldwide as invited speaker and conducted master classes on ophthalmic regional anaesthesia in the world's prestigious organizations. Recipient of the highest award (Platinum 2010) bestowed by the Department of Health to a practicing UK consultant in the National Health Service. Featured as one of the Top Britain Doctor in 2010 published in The Times Magazine, UK.

## Selected Publications

- Kumar CM, Seet E, Eke T, Irwin MG, Joshi GP. Peri-operative considerations for sedation-analgesia during cataract surgery: a narrative review. *Anaesthesia*. 2019; 74(12):1601-1610. doi: 10.1111/anae.14845.
- Cok OY, Seet E, Kumar CM, Joshi GP. Perioperative considerations and anesthesia management in patients with obstructive sleep apnea undergoing ophthalmic surgery. *J Cataract Refract Surg*. 2019; 45(7):1026-1031. doi: 10.1016/j.jcrs.2019.02.044.
- Van Zundert AAJ, Kumar CM, Van Zundert TCRV, Gatt SP, Pandit JJ. The case for a 3rd generation supraglottic airway device facilitating direct vision placement. *J Clin Monit Comput*. 2020; 1-8. doi: 10.1007/s10877-020-00537-4.
- Van Zundert AAJ, Wyssusek KH, Pelecanos A, Roets M, Kumar CM. A prospective randomized comparison of airway seal using the novel vision-guided insertion of LMA-Supreme® and LMA-Protector®. *J Clin Monit Comput*. 2020; 34(2):285-294. doi: 10.1007/s10877-019-00301-3.
- Seet E, Zhang J, Macachor J, Kumar CM. Choosing the best supraglottic airway for ophthalmic general anaesthesia: a manikin study. *J Clin Monit Comput*. 2020; 1-5. doi: 10.1007/s10877-020-00507-w.
- Van Zundert AAJ, Gatt SP, Van Zundert TCRV, Kumar CM, Pandit JJ. Features of new vision-incorporated third-generation video laryngeal mask airways. *J Clin Monit Comput*. 2021. doi: 10.1007/s10877-021-00780-3. Epub ahead of print. PMID: 34919170.

- Kumar CM, Vohra SB , Farahmand Rad R. Vitreoretinal Surgery Under Sub-Tenon’s Block and Conscious Sedation in a Patient with Brugada Syndrome: A Case Report and Literature Review. *Anesth Pain Med.* 2021; 11(5):e120217. doi: 10.5812/aapm.120217.
- Kumar CM, Chua AWY, Imani F, Sehat-Kashani S. Practical Considerations for Dexmedetomidine Sedation in Adult Cataract Surgery Under Local/Regional Anesthesia: A Narrative Review. *Anesth Pain Med.* 2021; 11(4):e118271. doi: 10.5812/aapm.118271. PMID: 34692445; PMCID: PMC8520679.
- Wong P, Seet E, Kumar CM, Koh KF, Pan TLT, Quah T, Chua NPP. Recommendations for standards of neuromuscular monitoring during anaesthesia. *Ann Acad Med Singap.* 2021; 50(11):852-855. doi: 10.47102/annals-acadmedsg.2021159. PMID: 34877589.
- Kumar CM, Chua AW, Imani F, Sehat-Kashani S. Practical Considerations for Dexmedetomidine Sedation in Adult Cataract Surgery Under Local/Regional Anesthesia: A Narrative Review. *Anesthesiology and Pain Medicine.* 2021; 11(4).
- Maniar A, Macachor J, Chiew WL, Kumar CM, Imani F, Rokhtabnak F. Nuts and Bolts of Peripheral Nerve Blocks for Pain After Hip Fracture for Everyday Anesthetist. *Anesthesiology and Pain Medicine.* 2021; 11(4).
- Chiew A, Saw C, Seet E, Kumar CM. Anaesthetist-administered wrong-side eye blocks: need to reinforce clearer guidelines and site marking. *Br J Anaesth.* 2021; 127(5):e151-e154. doi: 10.1016/j.bja.2021.07.014. PMID: 34489091.
- Wong P, Kumar CM, Seet E. Recommendations for standards of monitoring during anaesthesia and recovery 2021: caveats regarding neuromuscular monitoring. *Anaesthesia.* 2021; 76(10):1425. doi: 10.1111/anae.15529.

#### Notable Research Awards & Grants From Past 5 Years

Name of Awards & Grants	Year Obtained
National Health Group (NHG) Team Recognition Award (Silver) for “Less is more: Lean Cataract Surgery Care Path”	2018
National Health Group (NHG) Best Research Culture Award	2019