

Faculty Proforma for AIIMS Webpage



Dr Surya Kumar Dube MD, DM

Designation: Additional Professor

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Brief profile:

Dr Surya Kumar Dube is an Additional Professor in Neuroanaesthesiology and Critical Care, at the All-India Institute of Medical Sciences (AIIMS), New Delhi, India

He is an active member of various society such as Society for Neurosciences in Anesthesiology and Critical Care (SNACC), Indian Society of Anaesthesiologists (ISA), Indian Society of Neuroanaesthesiology and Critical Care (ISNACC), Indian Society of Critical Care Medicine (ISCCM), All India Difficult Airway Association (AIDAA), Neurocritical Care Society of India (NCSI) and Neuro Trauma Society of India (NTSI). He has > 100 articles in various international and national journals and has contributed 5 book chapters. He is a reviewer for 5 journals.

Honours/Achievements/Recognitions:

ACLS, ATLS, FCCS, ACCC, ANC Instructor

SNACC (USA) Research Travel Award

Areas of interest:

- ✓ Neuroanaesthesiology
- ✓ Neurocritical care
- ✓ Neurotrauma

✓ Neurophysiological Monitoring

Publications:

1. NIHR Global Health Research Unit on Global Surgery; STAR Surg Collaborative. A prognostic model for use before elective surgery to estimate the risk of postoperative pulmonary complications (GSU-Pulmonary Score): a development and validation study in three international cohorts. *The Lancet Digit Health*. 2024 Jul;6(7):e507-e519.
2. Elective surgery system strengthening: development, measurement, and validation of the surgical preparedness index across 1632 hospitals in 119 countries. NIHR Global Health Unit on Global Surgery, COVID Surg Collaborative. *The Lancet* 2022;400(10363):1607-17
3. SARS-CoV-2 infection and venous thromboembolism after surgery: an international prospective cohort study. *Anaesthesia*. 2022 ;77(1):28-39.
4. Kaushal A, Bindra A, Dube SK. Effect of sevoflurane versus desflurane on blood glucose level in patients undergoing intracranial neurosurgery: A randomised controlled study. *Indian J Anaesth*. 2022;66(11):769-775.
5. COVID Surg Collaborative; Global Surg Collaborative. Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. *Anaesthesia*. 2021;76(6):748-58.
6. COVID Surg Collaborative, GlobalSurg Collaborative. SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international perspective cohort study. *Br J Surg*. 2021 ;108(9):1056-1063
7. COVID Surg Collaborative, GlobalSurg Collaborative. Effects of pre-operative isolation on postoperative pulmonary complications after elective surgery: an international prospective cohort study. *Anaesthesia*. 2021;76(11):1454-64
8. Bindra A, Chowdhary V, Dube SK, Goyal K, Mathur P. Utility of Serum Procalcitonin in Diagnosing Paroxysmal Sympathetic Hyperactivity in Patients with Traumatic Brain Injury. *Indian J Crit Care Med*. 2021 ;25(5):580-3
9. Mohapatra S, Kapil A, Suri A, Pandia MP, Bhatia R, Borkar S, Dube SK, Jagdevan A, George S, Varghese B, Dabral J. Impact of Continuous Education and Training in Reduction of Central Line-associated Bloodstream Infection in Neurointensive Care Unit. *Indian J Crit Care Med*. 2020 Jun;24(6):414-7.
10. Dube SK, Pandia MP, Chaturvedi A, Bithal P, Dash HH. Comparison of intraoperative brain condition, hemodynamics and postoperative recovery between desflurane and sevoflurane in patients undergoing supratentorial craniotomy. *Saudi J Anaesth* 2015; 9(2):167-73.
11. Dube SK, Rath GP, Bharti SJ, Bindra A, Vanamoorthy P, Gupta N, Mahajan C, Bithal PK. Causes of tracheal re-intubation after craniotomy: A prospective study. *Saudi Journal of Anaesthesia* 2013;7(4):410-4.
12. Chowdhury T, Prabhakar H, Bharti SJ, Dube SK, Singh GP. Comparison of propofol versus sevoflurane on thermoregulation in patients undergoing transsphenoidal pituitary surgery: A preliminary study. *Saudi Journal of Anaesthesia* 2012; 6(1):12-5.

13. Mahajan C, Rath GP, Bithal PK, Prabhakar H, Yadav R, Dube SK. Local warming at injection site helps alleviate pain after rocuronium administration. *Journal of Anesthesia* 2010; 24:845–8.
14. Mathur SK, Dube SK, Jain S. Knowledge about anaesthesia and anaesthesiologist amongst general population in India. *Indian Journal of Anaesthesia* 2009; 53(2):179-86.