

DR. SANTOSH KUMAR

Consultant - ICU

Qualification

MBBS | MD (Anaesthesiology)

Overview

Dr. Santosh Kumar is an experienced intensivist in Bangalore, currently practising as a Consultant – ICU at Manipal Hospital Malleshwaram, Bangalore. His expertise includes establishing critical care units, implementing ultrasound applications in ICU settings, and guiding teams through the NABH accreditation process. Dr. Santosh completed his MBBS followed by an MD in Anaesthesiology, laying a strong foundation for critical care medicine. He is an experienced critical care specialist in Malleshwaram. In clinical practice, Dr. Santosh excels in airway management, hemodynamic monitoring, ventilator management, and regional and obstetric anaesthesia when ICU patients require procedures. He performs ultrasound-guided interventions, including central venous and arterial cannulations, chest ultrasound, FAST scans, and bedside echocardiography, to enhance diagnostic accuracy and procedural safety. He contributes to infection control, mortality and morbidity reviews, and emergency response drills (Code Blue). His patient-centred approach emphasises clear communication, teamwork, and problem-solving under pressure. Dr. Santosh leads antibiotic stewardship initiatives and champions

advanced life-support programs such as BLS, ACLS, and ECMO, ensuring that critically ill patients receive timely, precise interventions. He is dedicated to teaching and research, organising and conducting training programs for residents and nursing staff to bring a culture of continuous learning. Dr. Santosh also supervises research projects evaluating anaesthetic and critical care practices. Since joining Manipal Hospitals, he has been instrumental in developing and optimising ICU services, focusing on patient safety, quality assurance, and evidence-based protocols. Fluent in English, Kannada, Hindi, Tamil, and Telugu, he effectively engages with diverse patients and families, providing compassionate support during critical illness. Dr. Santosh’s scholarly contributions include comparative studies in anaesthesia techniques and critical care outcomes, reflecting his commitment to advancing best practices and improving ICU patient outcomes.

Field of Expertise

- Know How's In Establishing A Critical Care Unit.
- Ultrasound Applications In Critical Care.
- Nabh Accreditation.
- Antibiotic Stewardship.
- Bls & Acls.
- Ecmo.
- Research & Teaching Programmes.

Languages Spoken

- English
- Kannada
- Hindi
- Tamil
- Telugu

Awards & Achievements

- Comparative Study Of Epidural, Bupivacaine With Buprenorphine And Bupivacaine With Fentanyl In Lower Limb Surgerie at Dr. B.R. Ambedkar medical college hospital. Under the guidance of Dr. M. Shivashankar (Prof & HOD). Accepted by Rajiv Gandhi University of health sciences.

Talks & Publications

- Attended the 28th annual conference of Indian society of Anaesthesiology held by KISACON at Mangalore in 2012.
- Has participated in the workshop on basic life support (BLS) & accident and emergency life support (AELS) conducted from April 26th to 28th at Dr B.R. AMCH.
- Participated in the postgraduate training programme PG EXCEL 2013 conducted by Indian society of Anaesthesiology.
- Participated in the postgraduate training programme PG EXCEL 2012 conducted by Indian society of Anaesthesiology.
- Participated as a delegate during CME on "Transfusion medicine for Anaesthesiologists" on 12th January 2014.
- Participated as a delegate in ASICON 2013, Ahmedabad, between 26th and 29th December.
- Participated in a conference on "Anaesthesia machines & monitoring equipment" held at the Sri Sathya Sai institute of higher medical sciences on March 2013.
- Participated as delegate in the CME & Workshop on mechanical ventilation conducted by Narayana health Bangalore on November 2013.
- Participated as a delegate in the CME on "Hypertension & JNC8 update" conducted by Dr B.R. Ambedkar medical college Bangalore on January 2014.

- Completed a comprehensive critical care course conducted by ISCCM at Bangalore in June 2014.
- Participated in ""Simulation training in crisis management & updates in current anaesthesia practices"" conducted by MSRMCRI on 2012.
- Participated as delegate in CME on "Acid base, fluids & electrolytes" conducted by Mysore medical College & research institute on December
- 2011.
- Participated in the "Early management of trauma course" conducted by CMC, Vellore medical college.
- Attended various critical care Workshops and CME conducted by ISCCM.
- Published a case report in the Indian journal of Anaesthesia titled "A case of subcutaneous emphysema following post-operative vomiting"", Indian J Anaesth. 2013 Mar-Apr; 57(2): 214-215.
- Presented the paper "A case of subcutaneous emphysema following postoperative vomiting" at KISACON Mangalore, 2012.
- Published a study on "A Comparative Study Between Intranasal Dexmedetomidine and Intranasal Ketamine As A Premedication in Paediatric Surgeries". Volume: 4 | Issue: 12 | Dec 2014 | ISSN - 2249-555X.
- Published a study on "Success Rate of Intubating Laryngeal Mask Airway for Blind Oral Intubation in patients undergoing Surgery under GeneralAnesthesia"". Journal of Evolution of Medical and Dental Sciences 2014; Vol. 3, Issue 63, November 20; Page: 13923-13930, DOI: 10.14260/jemds/2014/3861.
- Published a study on ""A Comparative Study of Epidural Bupivacaine with Buprenorphine and Bupivacaine with Fentanyl in Lower Limb Surgeries""
- IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) e-ISSN: 2279-0853, pISSN: 2279-0861.Volume 13, Issue 12 Ver. III

(Dec. 2014), PP 23-28.

- Published a study on "The efficacy of 0.75% ropivacaine by epidural neuroaxial blockade for lower abdominal surgeries". MedPulse International Journal of Anaesthesiology. August 2018; 7(2): 67-72.
- Published a study on "Haemodynamic variables and side effects of 0.75% preservative-free Ropivacaine for lower abdominal surgeries". MedPulse International Journal of Anaesthesiology. August 2018; 7(2): 77-81.