

DR. B K DEEPAK

Consultant - Anaesthetist, Pain And Palliative Care

Qualification

MBBS | MD | FIPM | FCPM

Overview

Dr. B. K. Deepak is an experienced anaesthesiologist in Vijayawada, currently practising as a Consultant – Anaesthesia, Pain & Palliative Care at Manipal Hospital Vijayawada. With over a decade of advanced clinical experience in perioperative anaesthesia, cancer pain management, and interventional pain therapies Dr. Deepak is widely recognised for his expertise in ultrasound-guided nerve blocks, complex regional anaesthesia techniques, and comprehensive palliative care for patients with chronic and oncologic pain. Dr. Deepak completed his MBBS from Narayana Medical College, Andhra Pradesh, followed by MD in Anaesthesiology from Kasturba Medical College, Manipal, where he underwent rigorous training in critical care, airway management, and operative anaesthesia across high-volume surgical departments. To expand his specialization in pain medicine, he pursued the Fellowship in Interventional Pain Management (FIPM) from Daradia Pain Hospital, Kolkata, and the Fellowship in Palliative Medicine (FCPM) from Pallium India, Trivandrum. These fellowships strengthened his proficiency in interventional pain techniques, regenerative therapies, and advanced palliative protocols for complex

cancer pain. Across his professional journey, from Junior Resident to Senior Resident, Specialist, Associate Consultant, and now Consultant at Manipal Hospital Vijayawada, Dr. Deepak has managed anaesthetic care for a wide range of surgical cases, including oncologic surgeries, neurosurgery, urology, orthopaedics, laparoscopic procedures, robotic surgeries, and high-risk emergencies. He is adept in general anaesthesia, neuraxial blocks, regional anaesthesia, labour analgesia, sedation protocols, and difficult airway management. His extensive experience includes CVP line placement, arterial line catheterisation, and ultrasound-guided procedures performed with high accuracy and safety. As an interventional pain specialist, Dr. Deepak offers a comprehensive spectrum of advanced procedures such as ozone nucleolysis for disc disease, transforaminal epidural steroid injections, SI joint and facet joint blocks, medial branch blocks, radiofrequency ablation (RFA), cooled RFA, cryoablation, and ultrasound-guided nerve entrapment treatments. He also performs regenerative therapies including PRP and BMAC injections for osteoarthritis, tendon injuries, ligament tears, plantar fasciitis, and De Quervain’s tenosynovitis. In the domain of palliative care, he provides targeted pain relief for cancer patients using pharmacological and interventional approaches such as sympathetic blocks, coeliac plexus block, splanchnic block, and hypogastric plexus interventions under ultrasound and fluoroscopic guidance. He has authored impactful research, including studies published in the Middle East Journal of Anaesthesiology, the International Journal of Medicine and Public Health, and the Journal of Contemporary Clinical Practice. His work covers emergence agitation, TAP block analgesia, and ketamine use in opioid-refractory cancer pain. He has also presented widely at national anaesthesia conferences, including ISA, ISAAPCON, and various academic programmes. Dr. Deepak is actively involved in teaching and mentoring, conducting formal classes for undergraduate and postgraduate students, and training DNB Anaesthesia residents at Manipal Hospital for more than three years. His teaching approach blends clinical precision with real-

world case insights, fostering strong practical learning for young clinicians. With professional affiliations that include the Indian Society of Anaesthesiologists (ISA), Indian Medical Association (IMA), and Indian Society for the Study of Pain (ISSP), he remains committed to continuous learning and contribution to the field. He has attended numerous national and regional CME programmes, simulation workshops, and hands-on skill courses focused on airway management, mechanical ventilation, ultrasound-guided nerve blocks, bronchoscopy anaesthesia, cancer pain, and regional anaesthesia advancements. Fluent in English, Hindi, Telugu, and Kannada, Dr. Deepak ensures clear and empathetic communication with patients and caregivers, especially in the sensitive domains of pain and palliative care. His philosophy centers on providing personalised anaesthetic care, restoring functional independence through interventional pain techniques, and offering dignity-centered palliative support for patients with advanced illnesses. With his extensive operative expertise, advanced interventional skill set, and deep commitment to compassionate care, Dr. B. K. Deepak stands as a trusted Anaesthesiologist and Pain & Palliative Care specialist, delivering safe anaesthesia, effective pain relief, and holistic palliative management for patients across all age groups.

Fellowship & Membership

- ISA (Indian Society of Anesthesiologists) & IMA (Indian Medical Association)

Languages Spoken

- English
- Hindi
- Telugu

- Kannada

Talks & Publications

- Effect of intraoperative infusion of dexmedetomidine on emergence agitation among adults undergoing nasal surgeries- A prospective randomized double blind study, Middle East Journal of Anaesthesiology, 25, 1, 95-101, 2018.
- Post operative pain relief with fentanyl vs dexmedetomidine as adjuvant in TAP block for laparoscopic hernia repair surgery- Comparative study, International journal of medicine and public health, vol 15, issue 3, july-september 2025.
- Continous low dose ketamine infusion for opioid refractory cancer pain: A real world retrospective cohort study from a tertiary palliative care centre in India, Journal of contemporary clinical practice.
- To evaluate the efficacy of intraoperative dexmedetomidine infusion on reducing emergence agitation in adults undergoing nasal surgery, 63rd Annual National Conference of Indian Society of Anesthesiologists (ISA).
- Acute unilateral swelling of parotid gland following general anaesthesia, Annual Andhra pradesh State Conference of the Indian Society of Anaesthesiologists (ISAAPCON), Rajahmundry.
- Postoperative Complications, Phaneeendra Nath Thota Anaesthesia Update and Anaesthesia Postgraduate Academic Programme, Manipal, Anaesthesia for rigid bronchoscopy, Rigid Bronchoscopy- Basics to complex airway interventions, Vijayawada.
- HIPEC- Anaesthetic concerns and management 27/11/2020-ISA vijayawada.
- Robotic anaesthesia and some interesting cases 12/12/2023-ISA vijayawada.

- ICRA pain 2025-Poster on ozone nucleolysis of disc.