

DR DEEPA CHANDRAMOHAN, MD, DNB, FCCM, MRCP (Edin.)

‘Anjali’, TTRA H.No. 21
Opposite NIT Cricket ground
Near 12th Mile Krishna Temple
NIT Campus P.O.
Kozhikode, Kerala – 673 601

Chief Consultant in Critical Care Medicine
MVR Cancer Centre & Research Institute
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- * **Academically-oriented & Optimistic Intensive Care Physician with Anaesthesiology background.**
 - * Special interest and experience in **Teaching, Commissioning and Organising novel ICUs** as well as in **organising Critical Care Conferences.**
 - * **Eight years of experience as Chief of Critical Care at two major Tertiary Care Hospitals.**
 - * Special Interest in **Smart ICUs and Artificial Intelligence-powered Healthcare systems** for ICUs. **Clinical Advisor** to AI-based-Healthcare Company “**CEREBRA**” [www.cerebraai.com].
 - * Passions include **Teaching, Clinical Research, Team Building, Philanthropy, Landscape Painting & Photography.**
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Skilled in:

- Oncologic Critical Care
- Trauma Critical Care
- Cardio-thoracic Critical Care
- ARDS & Sepsis Management

Special Areas of Interest:

- Mechanical Ventilation
 - Difficult Weaning
 - Percutaneous Dilatational Tracheostomy
 - High Flow Nasal Oxygen Cannula Therapy
 - Lung Ultrasonography
 - Flexible Fiberoptic Bronchoscopy
 - Transthoracic Echocardiography
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Qualifications & Courses

1. **MRCP** : **Royal College of Physicians, Edinburgh, UK.** March 2019
 2. **MD Anaesthesiology** : **Goa Medical College, Goa University, India.** April 2009
 3. **Fellowship in Critical Care Medicine** : **Narayana Hrudayalaya, Bangalore.** February 2012.
Rajiv Gandhi University of Medical Sciences, India.
 4. **DNB Anaesthesiology** : **National Board of Examinations, India.** June 2012
 5. **Advanced Cardiac Life Support** : **American Heart Association,** May 2016
Provider Course
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Professional Experience – 15 Years

1. **Chief Consultant in Critical Care Medicine** - **Apr 2019 – till date**
MVR Cancer Centre, Kozhikode, India
 2. **Consultant in-charge of ICU** - **Jan 2014 – Mar 2019**
Dept. of Anaesthesiology & Critical Care
Goa Medical College, Goa, India
 3. **Senior Resident in-charge of ICU** - **Jun 2012 - Jan 2014**
Dept. of Anaesthesiology & Critical Care
Goa Medical College, Goa, India
 4. **Junior Consultant in Critical Care Medicine** - **Mar 2012 – Jun 2012**
Narayana Institute of Cardiac Sciences, Bangalore, India
 5. **Senior Registrar in Critical Care Medicine** - **Aug 2010 – Dec 2011**
Narayana Institute of Cardiac Sciences, Bangalore, India
 6. **Senior Resident in Anaesthesiology & Critical Care** - **Jun 2009 – Jul 2010**
Goa Medical College, Goa, India
 7. **Junior Resident in Anaesthesiology & Critical Care** - **May 2006 – May 2009**
Goa Medical College, Goa, India
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Publications in Journals

1. **Deepa C, Muralidhar K.** Renal replacement therapy in ICU. **J Anaesthesiol Clin Pharmacol** **2012**;28:386-96.
2. **Chandramohan D, D'Souza SA.** Preservative-free racemic ketamine with bupivacaine: a desirable option for extended caudal analgesia in paediatric surgery. **Ain-Shams J Anaesthesiol** **2016**;9:426-31.
3. **Chandramohan D, Kamat SS, V Ravindran.** Post-tracheostomy trachea-oesophageal fistula – an unusual presentation. **S Afr J Crit Care** **2016** Jul;32(1):32.

4. **Deepa C**, Kamat SS, Desai T. Penetrating injury of the oropharynx with tonsillar prolapse in a patient with hepatic cirrhosis and portal hypertension: Anaesthetic management. **Karnataka Anaesth J** 2015;1:81-4.
 5. Desai T, Kamat S, **Deepa C**. Comparison of APACHE –II score and SOFA score in predicting the outcome of patients with ventilator-associated pneumonia. **M.P. Anesthesiology** 2017;3(1):33-42.
 6. Kamat S, **Deepa C**, et al. Anaesthetic management of a patient with Ehlers-Danlos syndrome with parathyroid adenoma for excision – a case report. **South Afr J Anaesth Analg** 2012;18(2):119 -123.
 7. Kamat S, **Deepa C**, et al. A patient with polycythemia vera for orthopaedic surgery – perianaesthetic considerations. **Saudi J Anaesth** 2012 Jan-Mar; 6:87-88.
 8. Kamat S, Kaur M, **Deepa C** et al. Current consensus on crystalloids and colloids in the perioperative period in children. **Karnataka Anaesthesia Journal** 2010 Dec; 11(2): 51-58.
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Faculty For National Conferences & CMEs

1. **Faculty speaker** on ‘**Ventilatory settings in COPD patients**’ for the hands-on workshop in **Mechanical Ventilation** at the 4th **SGPGI PG Anaesthesiology Refresher course**, February 2016, Lucknow, India.
 2. **Delivered lecture** on ‘**Complications of central venous access**’ and **held workstation** as **Faculty** for **CME and hands on workshop on Central Venous Catheterisation**, January 2015, Goa, India.
 3. **Delivered lecture** on ‘**Mechanical Ventilation in traumatic brain injury**’ and **held workstation** as **Faculty** for **Mechanical Ventilation Workshop ISACON**, December 2012, Indore, India.
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Scientific Papers & Poster Presentations

1. **Society of Peritoneal Surface Oncology Annual Meeting 2020, Mumbai, India**. A single-centre ICU experience of Cytoreductive Surgery (CRS) plus Hyperthermic Intraperitoneal Chemotherapy (HIPEC).
 2. **Best e-poster Award** at 2nd **Mumbai CRITICON 2016**. Intravenous Magnesium Sulphate – a promising drug in severe tetanus.
 3. **CRITICARE 2014**, Jaipur, India. Post-tracheostomy tracheoesophageal fistula – a rare presentation.
 4. **9th Congress of SAARC Association of Anaesthesiologists**, August 2011, Bangalore, India. Anaesthetic management of a patient with Ehlers-Danlos syndrome with parathyroid adenoma for excision – a case report.
 4. **ISACON 2007**, Vishakhapattanam, India. Prevention of hypotension following spinal anaesthesia for caesarean section: comparison between crystalloid preloading & prophylactic ephedrine bolus & infusion.
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Contributions & Accomplishments for the Development of the ICUs

1. **Established the new Surgical ICU and Postoperative care unit** at MVR Cancer Centre & Research Institute (MVRCCRI), Kerala.
2. Contributed a significant role in the **research of postoperative management of CRS plus HIPEC** patients.
3. **Designed the El Salvador score** for triaging patients during influenza pandemics, especially COVID-19.
4. Played the pivotal role in the **expansion of the ICU to the new 21-bedded facility from the old 8-bedded one at Govt. Medical College (GMC), Goa.**
5. **Designed and implemented the ICU protocols and guidelines** as well as revolutionised the **work culture and modus operandi** of the ICUs.
6. **Improved the transfer-out rates and reduced the mortality rates** in medical ICU and Oncology SICU.
7. **Curtailed the incidence of Ventilator-associated Pneumonia (VAP)** in the GMC ICU **from 12.02% to 7%** over a period of **24 months** and that of **Central Venous Catheter-related Blood Stream Infections (CRBSI)** from **8% to less than 0.5%** over a period of **8 months**, through meticulous implementation of VAP prevention strategies, surface decontamination protocols, formulation of antibiotic policies and regular monitoring & surveillance.
8. **Dramatically brought down the mortality rate of severe tetanus** patients admitted in GMC ICU from **100% to 0% with the use of IV MgSO₄ infusion.** This conferred me with the **best e-poster Award** at 2nd **Mumbai CRITICON 2016** for the paper - Intravenous Magnesium Sulphate – a promising drug in severe tetanus.
9. **Introduced Percutaneous Dilatational Tracheostomy for the very first time** in GMC and MVRCCRI in critically ill patients in the ICU.
10. **Training** the Anesthesiology post-graduate students and Medical Officers in the ICU to work as per the protocols and guidelines in a disciplined and systematic manner for the benefit of critically ill patients. Conducting **regular lectures and demonstration classes** for the ICU nurses and attendants to improve the quality of care in the ICU.
11. **Internet uploads** of Powerpoint Lectures on www.authorstream.com and www.slideshare.com.

Memberships of Professional Bodies

- Life member of Indian Society of Critical Care Medicine (ISCCM) - Membership No: **LM-11/C-240**
 - Life member of Indian Society of Anesthesiologists (ISA) - Membership No: **D- 0880**
 - Executive Committee Member of **ISCCM Calicut Chapter.**
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References

1. Dr Pravin Kumar

Chief of Cardio-thoracic Surgery

Narayana Institute of Cardiac Sciences, Bangalore, India.

Email: praveen.kumar.dr@narayanahealth.org; Mob: +91 9886766644

2. Dr Ratan Kumar Gupta

Senior Consultant Intensivist, Cardio-thoracic Critical Care,

Narayana Institute of Cardiac Sciences, Bangalore, India.

Email: ratang2015@gmail.com; Mob: +91 9845138504

3. Dr Sharmila Borkar

Associate Professor, Department of Anesthesiology & Critical Care,

Goa Medical College, Goa, India.

Email: drsharmila_borkar@yahoo.com ; Mob: +91 9922851257

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