

**Full Name** Dr. Vivek Gupta

**Nationality** India

**Biography** **Qualification:**  
DA, DNB (Anaes), FIACTA, FICCM, FIDSA, MNAMS

**Institutional Affiliation:**

Consultant Cardiac Anaesthesia & intensive Care  
Coordinator ECMO Program  
Dayanand Medical College & Hospital  
Unit: Hero DMC Heart Institute  
Ludhiana

**ACADEMIC QUALIFICATIONS:**

- **FICCM (Fellowship of Indian college of Critical care medicine)**

*Awarded in 2017 at National conference ISCCM conference at Kochi*

- **FIACTA (Fellowship of cardiac anesthesia)**

*Awarded in 2008 Indian association of cardiovascular & thoracic anesthesia New Delhi (India)*

- **DNB (Anaesthesiology)**

*Passed in **first attempt** in Apr 2000 National Board of Examination New Delhi (India)*

- **DA (Diploma Anaesthesiology)**

*Passed in **first attempt** July 1998 securing **third rank** in Univ. of Mumbai Seth GS Medical College & KEM Hospital Mumbai (India)*

- **MBBS (Bachelor of Medicine & Bachelor of Surgery)**

*Passed in **first attempt** in 1994 BRD Medical College Gorakhpur UP (India)*

**ADDITIONAL QUALIFICATION: COURSE INSTRUCTOR**

- **ACLS Instructor (American heart Association accredited)**

*Passed ACLS (Advanced cardiac life support) Instructor course in Jan 2008 & participated as instructor in several courses*

- **FCCS Instructor (Society of Critical Care Medicine USA)**

*Passed FCCS (Fundamental Critical Care Support) Instructor course in Sep 2009 & participated as instructor in several courses*

- **BASIC Instructor (Hong Kong University accredited)**

*Passed BASIC (Basic Assessment & Support ) Instructor course in Apr 2008 & participated as instructor in several courses.*

**Publications:**

**National - 15**

### **International - 5**

- Role of Extracorporeal Membrane Oxygenation in Aluminum Phosphide Poisoning–Induced Reversible Myocardial Dysfunction: A Novel Therapeutic Modality  
(*The Journal of Emergency Medicine November 2015 Volume 49 Issue 5 Pages 651-656*)

- **Outcome of patients supported by extracorporeal membrane oxygenation for aluminum phosphide poisoning: An observational study**

(*Indian Heart Journal Volume 68, Issue 4, Pages 441-588 (July–August 2016)*)

- Review article: ECMO in POISONING (Journal of Cardiac Critical Care)

**Section Editor:** API Text Book 2016 (Critical care section)

**Editor:** Anaesthesia Update Book 2016

**Chapter:** Continuous Renal Replacement therapy (API Text Book)  
ECMO in Poisoning : ECMO Update VOI 3

### **Academic positions & Achievements:**

- Elected as Chairman, Research & Ethics SWAC ELSO (2018-20)
- Awarded fellowship of Indian college of critical care medicine (FICCM)
- Awarded (FIACTA) Fellowship of Indian Association of Cardiovascular Anaesthesiologist
- Teacher for cardiac anaesthesia fellowship program
- Member Editorial Board: JOACP (J of Anaesthesiology & Clinical Pharmacology)
- Past Zonal Member ECMO Society of India
- Secretary ECMO Society of India

- Former Secretary ISCCM Ludhiana
- Former Secretary NZACTA
  - Co Scientific chairperson ISACON 2016
  - Associate ACLS Training site coordinator DMCH Ludhiana
  - Secretary RSACP (Ludhiana)

**Special training:**

1. ECMO (Extra Corporeal Membrane Oxygenation)
2. Transoesophageal Echocardiography (TEE)
3. Fellow, Infectious Disease Society of America (IDSA)
4. Quality in Health Care System

**Conference/ Workshop/ CME Organized on ECMO:**

**2017**

- Organizing a CME on AKI related with ECMO on 10<sup>th</sup> Sep 2017
- Organized a 2 days workshop on ECMO at Jaipur during EMCON

**2016**

- Organized **three** Pre conference workshops as **Faculty Coordinator APICON 2016** at Hyderabad

**“ICU care”,  
“Extracorporeal therapies in ICU” &  
“Arterial Blood Gases”**

- Organized a workshop as **workshop Faculty Coordinator** on **“Extracorporeal therapies in ICU”** during ISCON 2016 at Ludhiana

**2014**

- Organized **Pre Conference Workshop on ECMO** & 7<sup>th</sup> Annual Conference of NZACTA as **Organizing Secretary in Nov 2014**

**Conference/ Workshop/ Seminar Attended as faculty speaker (on ECMO related topics only)**

**2018**

- Delivered lecture on “Newer Indications of ECMO” during Medical Conclave at Ahamdabad in Jan 2018

- Delivered lecture on ECMO & CRRT during SWAC ELSO conference at New Delhi
- Delivered lecture on ECMO in toxicology at SWAC ELSO New delhi conference Jan 2018.
- Delivered a lecture on basics of ECMO at ISCCM organized activity at Rohtak in Mar 2018

### 2017

- ECMO training program at Bangalore on 1<sup>st</sup> Sep 2017 on “Mechanical ventilation during ECMO” & “Expanding Indications of ECMO: ECMO in Toxicology”
- Delivered a lecture on “**Game Changers in Anaesthesia: ECMO**” at WAD North Zone Anaesthesia conference at Mumbai in Oct 2017
- “**Application of CRRT during ECMO**” during 3<sup>rd</sup> CRRT Symposium at New Delhi
- Lectures during 7<sup>th</sup> Annual training program of ECMO on **ECMO in toxicology, Management of VA ECMO & Renal issues in ECMO**
- **Delivered Lectures at 1<sup>st</sup> International symposium on ECMO at Tehran Iran in Nov 2017**

### 2016

- “**Renal issues in ECMO**” & “**Management of VA ECMO**” during 6<sup>th</sup> Annual Training Course on ECMO at Mumbai
- “**ECMO in Toxicology**” during 2<sup>nd</sup> ECMO Update at New Delhi
- “**ECMO: Current Perspective**” ISCCM Patiala in September at Patiala
- **Cannulation during VA ECMO & Poisoning & ECMO ESOI** at Medica hospital Kolkata

### 2015

- “**ECMO in Toxicology**” & “**Role of ECMO in Pulmonary Embolism**” during Annual Training program of ESOI at Mumbai
- “**ECMO in Poisoning**” during 1<sup>st</sup> ECMO Update at New Delhi
- “**Role of ECMO in Poisoning**” during 6<sup>th</sup> Annual Conference of ECMO Society of India & 2<sup>nd</sup> SWLCO
- Paper VA ECMO in Aluminium sulphide poisoning during ISACON
  - “**Role of VV ECMO in ARDS**” during Mechanical Ventilation Workshop in 1<sup>st</sup> NZISCCM & 13<sup>th</sup> Annual Conference of SCCM

### 2014

**“ECMO in aluminium phosphide poisoning”** during ECMO INDIA 2014 at Mumbai

*Besides ECMO conferences & workshops, I have been faculty for various national/ regional conferences of Indian Society of Anaesthesiology/ Research society of anaesthesiology clinical pharmacology/ ISCCM/ IACTA etc. as guest speaker and delivered more than 100 lectures.*