



## Dr R Ravi Kumar

M.D (General Medicine), D.M. (Cardiology), FRCP, FESC 30+ Years Experience

### Hospitals

Apollo Hospitals, Greams Road, Chennai ,

Doctor's Working  
Weekdays  
Mon-Sat

Doctor's Working  
Hours  
09:00-14:00

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## Overview

Dr. R. Ravi Kumar is the Clinical Lead – Heart Failure and Transplant Cardiology at Apollo Hospitals, Chennai, with over 33 years of global experience across India, Bangladesh, Kenya, Maldives, and Uganda. A pioneer in heart transplantation, LVADs, ECMO, hybrid cardiac interventions, and transplant immunology, he has played a pivotal role in developing India's heart transplant ecosystem.

## Experience

- 33+ years in advanced cardiology and transplant care.
- Managed 550+ heart transplants and 100+ LVAD patients since 2013.
- Established heart failure clinics in major Indian cities.
- Initiated interventional cardiology programs in Bangladesh (ZH Sikder, 1998 & Apollo Dhaka, 2004) and Nairobi, Kenya.
- Pioneered radial angioplasty in Bangladesh and Nairobi.
- Spearheaded ECMO and LVAD programs at Fortis Malar, Chennai.
- Initiated hybrid cardiac procedures in Chennai.

- Visiting cardiologist in Nairobi, Kenya and Burundi.
- Advanced training & fellowships at University of Michigan, USA (Artificial Heart & ECMO, 2009) and University Hospital Mainz, Germany (2024).

## Membership

- Fellow of the Royal College of Physicians (FRCP, London)
- Fellow of the European Society of Cardiology (FESC, Heart Failure)
- Faculty Member, ISHLT (2017–2025)
- Founder Member, Indian Society for Heart & Lung Transplantation (INSHLT)
- Member, Society for Cardiovascular Angiography & Interventions (SCAI, USA)
- Member, Cardiological Society of India (CSI)
- Member, All African Society of Cardiology (PASCAR)
- Member, Kenyan Society of Cardiology

## Awards

- Gold Medalist in Cardiology, JIPMER, Pondicherry.
- Managed 550+ heart transplants and 100+ LVADs.
- Established the first interventional cardiology programs in Bangladesh (1998, 2004).
- Introduced radial angioplasty in Bangladesh & Nairobi.
- Pioneered ECMO & LVAD programs at Fortis Malar, Chennai.
- Led first stem cell clinical trials in heart and spinal cord disease (Lifeline Hospitals in collaboration with IIT Madras & Temple University, USA).
- Initiated hybrid cardiac interventions in Chennai.

## Research and Publication

Authored 20+ publications, book chapters, and consensus statements in cardiology and transplantation. Research focus on:

- Stem cell therapies in cardiology and spinal cord disorders.
- AI/ML applications in cardiology.
- Transplant immunology and advanced mechanical circulatory support.

## Frequently Asked Questions