



# **FELLOWSHIP IN CLINICAL CARDIOLOGY**



# ABOUT MEDVARSITY

*Asia's Largest Healthcare EdTech Company*

Medvarsity is Asia's largest healthcare ed-tech company offering online and blended learning programs (Fellowship, Post-Graduate Programs and Certificate courses) for healthcare professionals. In the last five years, we have positively impacted the careers of over five lakh healthcare professionals across 192+ countries. We are a team of 300 high-energy professionals of which more than 120 team members have joined us in the last 12 months. Today, we cater to the requirements of both healthcare professionals as well as non-clinicians ensuring industry demand and skilled workforce are in a perfect state of equilibrium.

Medvarsity has won several accolades for contribution to healthcare education and healthcare technology. In 2022, Entrepreneur India and the Ministry of Electronic and Information Technology awarded us with the Best Ed-tech Deployment for higher education. In 2021, Medvarsity won Asia's Greatest Brands in education and ed-tech, an award by Asia One magazine. We are here to partner with you through that journey.



## ALUMNI

5,00,000+ medical professionals trained and certified



## COURSES

200+ courses in clinical, management and administration



## PARTNERS

Global universities and industry leaders



## PRESENCE

Students and partners from 190+ countries

Knowledge Changes Lives

# FELLOWSHIP IN CLINICAL CARDIOLOGY

*The Fellowship in Clinical Cardiology is a sequence of 3 courses that together give you a comprehensive and holistic understanding of diagnosing, treating and managing cardiovascular diseases. CVDs are the leading cause of mortality globally, creating a huge demand for physicians with a deep understanding of cardiology.*

The fellowship program, certified by Apollo Hospitals Educational and Research Foundation (AHERF) and Medvarsity Online Limited, has been created under the guidance of Course Faculty, Dr. Kumar Narayanan.

This 12-month course combines virtual learning to strengthen your clinical knowledge, experiential learning at partner hospitals to sharpen your skills, and simulation training for hands-on experience without risk to patients.



## **DR. KUMAR NARAYANAN** COURSE FACULTY

Consultant Cardiologist  
& Electrophysiologist,  
Medicover Hospitals, Hyderabad

ACCREDITATION PARTNER



**COURSE FEE**

**₹164,000 + GST**

# PROGRAM DETAILS

## HIGHLIGHTS

- 12-month course with 12 weeks contact program in a leading hospital
- Simulation training on the Basics of Percutaneous Coronary Intervention
- Practical training in cardiac OPD, IPD, and ICU
- Live virtual classes for active learning with access to global case studies

## CONTACT PROGRAM

- Work with renowned cardiologists in leading hospitals
- Observe and work with patients presenting common cardiac conditions
- Learn fundamentals and interpretation of Electrocardiography
- Evidence based discussions on CVDs of Class I, II, III categories
- Case-based learning for cardiac complications in pregnancy

## CERTIFICATION

- Each module is followed by an online test
- Final assessment includes a viva voce
- On completing the course and passing final assessment, student will be awarded a Fellowship in Clinical Cardiology

## ELIGIBILITY

MBBS and PG doctors with NMC (MCI) registration

Completed Course 1 [Certificate in Essentials of Cardiology]

Completed Course 2 [Advanced Certificate in Clinical Cardiology]

# COURSE

# OUTLINE

## Diseases of Heart Wall

- Etiology of pericardial disease, Syndromes, types of pericarditis
- Pericardial Effusion, Tamponade, constrictive pericarditis
- Myocarditis
- Cardiomyopathy
- Cardiac amyloidosis, Fabry's disease, Arrhythmogenic right ventricular cardiomyopathy (ARVC)
- Infective endocarditis

## Rhythm and Conduction Disorders

- Tachycardia
- Bradycardia
- Sinus node diseases
- Arrhythmia in special situations
- Cardiac Arrest and Sudden Cardiac Death (SCD)

# **COURSE**

# **OUTLINE**

## **Heart failure**

- Causes and precipitants
- Forms, Signs & symptoms
- Investigations, Prevention, Management
- Device Therapy and Surgery

## **Physical Damage to the Heart**

- Cardiac Trauma
- High Altitude
- Radiation
- Electrocution
- Drowning
- Thermic Injury to the Heart
- Hypothermia
- Hyperthermia
- Decompression (Caisson) Disease

# **COURSE**

# **OUTLINE**

**Cardiac manifestations of systemic diseases**

**Tumors of CVS**

## **Heart Disease in Special Populations**

- Heart Disease in the Nonpregnant Woman
- Heart Disease in Pregnancy
- Heart Disease in Children
- Heart Disease in the Elderly
- HIV Infection and Heart Disease
- COVID-19 in Cardiology

## **Resuscitation**

- Adult basic life support
- Adult advanced life support

# **COURSE**

# **OUTLINE**

## **Surgical cardiology**


### **Advances in Cardiology**

- Artificial Intelligence in Cardiology
- Transcatheter Mitral and Tricuspid Valve Interventions
- Wearable Technologies Aid Patient Monitoring
- Virtual and Augmented Reality in Cardiology
- Holographic Procedural Navigation in the Cath Lab
- Robots in the Cath Lab
- Virtual, Image-based FFR Technologies
- Stem cell regenerative biology

**Clinical trials in cardiology - Last 2 years - Phase III and IV Human studies**





 Block B, II Floor, Sanali Infopark, 2 LV Prasad Marg,  
Park View Enclave, Jubilee Hills Post, Hyderabad -  
500034

 1800-103-6006

 [sales@medvarsity.com](mailto:sales@medvarsity.com)  [www.medvarsity.com](http://www.medvarsity.com)

