



# **FELLOWSHIP IN**

## **CLINICAL, PREVENTIVE AND**

### **NON-INVASIVE CARDIOLOGY**

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# 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, PREVENTIVE AND NON-INVASIVE CARDIOLOGY

*The prevalence of heart disease is increasing alarmingly in India. Heart disease is the leading cause of death in India, accounting for 1.7 million deaths annually. According to the global burden of disease report, nearly one-fourth of all deaths in India are related to cardiovascular diseases. Despite the rising burden of cardiovascular diseases in India, there is an acute shortage of trained cardiologists in the country. There is a need for physicians, who can serve to bridge this gap in the demand for cardiology services.*

The 'Fellowship in Clinical, Preventive & Non-Invasive Cardiology' is a joint program created by Medanta Heart Institute and Medvarsity Online Ltd to develop a pool of skilled clinical and non-interventional cardiologists to address the increasing demand for cardiology services in India. The student will receive 2-years of on-job training in clinical, preventive, and non-invasive cardiology as part of this course. This will include clinical training of 6 months in cardiac ICU, 3 months in cardiac inpatient wards, and 3 months in cardiac OPDs. The student will also get 12 months of non-invasive cardiac diagnostics training including echocardiography, cardiac stress testing, nuclear imaging, and other imaging methods.

**COURSE FEE**

**₹170,000 + GST**

## COURSE SCHEDULE (2 YEARS)

<b>One Year of Clinical With Non-invasive Cardiac Diagnostics Training</b>	<b>One Year of Non-invasive Cardiac Diagnostics Training</b>
6 Months – Cardiac Intensive Care	6 Months – Echocardiography
3 Months – Cardiac In-patient Ward	3 Months – Cardiac Stress Testing /Nuclear Imaging

# COURSE OUTLINE

## WHAT YOU WILL LEARN?

### Online Learning:

The online component includes theoretical content on LMS – textual reading material, recorded videos, live virtual classes, online virtual simulations, and research methodology

### First Semester

Theory	Online Simulations
Coronary Artery Disease	BLS, ECG
Cardiovascular Risk Factors	
Conventional Transthoracic Echocardiography – I	

### Second Semester

Theory	Online Simulations
Valvular Heart Disease	Valve Disease
Heart Failure	Wall Motion
Conventional Transthoracic Echocardiography – II	Diastolic Function
Case Study/ Minor Project	

# COURSE OUTLINE

## Third Semester

Theory	Online Simulations
Cardiac Emergencies & Arrhythmias	Doppler
Cardiomyopathies	Endocarditis
Advanced Echocardiography	Pericarditis
Stress Testing and Nuclear Imaging	TEE, Stress Echo
Case Study/Minor Project	

## Fourth Semester

Theory
Miscellaneous Cardiac Disorders
Miscellaneous Non-invasive Cardiac Diagnostic Procedures
Dissertation

# **COURSE**

# **OUTLINE**

## **Offline Learning**

The offline component includes practical training in the hospital

### **1. Clinical Rotations**

- Cardiac Intensive Care
- Cardiac Inpatient Ward
- Cardiac Out-patient
- Echocardiography
- Cardiac Stress Testing/ Nuclear Imaging
- Vascular Imaging
- Holter Monitoring

### **2. Thesis/Case Report**

- Each student is expected to Undertake one research project as his/her thesis
- Submit 2 case reports for publication (only submission is required, regardless of the outcome of submission)

### **3. Journal Club/ Seminar / Presentation**

### **4. Minor Project / Case Study**

### **5. Dissertation**

### **6. Community Outreach (at least 6 heart camps)**

# COURSE OUTLINE

## CERTIFICATION

Clinical Training certification by Medanta Hospitals will be awarded to all successful students who complete

- The duration of the program
- All assessments
- Logbooks
- Thesis
- Other prerequisites


## SELECTION PROCESS

- Online entrance test (MCQ-based)
- Personal interview by Course director (online or offline)

## COURSE ELIGIBILITY

- MD/ DNB Internal Medicine
- DNB Family Medicine
- Post-Graduate Diploma in Clinical Cardiology (PGDCC)
- MD-emergency Medicine and MRCEM
- MD-Community Medicine



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