

TWO YEARS FELLOWSHIP PROGRAM IN

CLINICAL, PREVENTIVE AND NON-INVASIVE CARDIOLOGY (FCPNC)



**Medanta Heart Institute,
Medanta-The Medicity
Sector 38, Gurugram,
Haryana-122001, India**

**Patron
Dr Naresh Trehan**

**Course Chairman
Dr Ravi R. Kasliwal**



For registration and details, please visit

www.medvarsity.com

 **9100900200**



Academic Partner:

Journal of Clinical and Preventive Cardiology
www.jcpconline.org

PREAMBLE

The prevalence of cardiovascular disease is increasing alarmingly in India. According to the Global Burden of Disease Study 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 are approximately 4000 cardiologists in the country, while the requirement is 88000. There is a huge demand for trained physicians, who can bridge this gap in the need for cardiology services.

The division of Clinical and Preventive Cardiology at Medanta- The Medicity is a large cardiac area that boasts of the Heart Command Center for treatment of all cardiac emergencies. The Wellness and Executive centers are dedicated to preventive health including a coronary artery disease reversal clinic, metabolic clinic, heart failure clinic and EECF area. The Non-invasive and cardiac OPD areas have 12 echocardiography stations which perform 2D/3D Echocardiography, GLSS, Transesophageal echo, Stress echo, Dobutamine stress echo, Pulse wave velocity, Flow mediated vasodilatation studies and 24 hours Holter and Ambulatory monitoring studies etc. It is a bustling area. There are also separate labs for stress nuclear studies, PET studies and CT Coronary angiograms.

At the very heart of this department is an Academic Program where in DNB (Cardiology) and Fellowship in Non-invasive Cardiology courses are thriving and has an active teaching, training and research components. This area will be the key area for fellows of Clinical, Preventive and Non-invasive Cardiology.

The Fellowship in Clinical, Preventive and 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. This stipendiary program covers important aspects of clinical, preventive and acute care cardiology, heart failure and the complete nuance of echocardiography.



Course Duration

2-years, Full Time



Eligibility

MD/DNB Internal Medicine /
Family Medicine /
Community Medicine
PGDCC | MRCP

Course Patron



Dr. Naresh Trehan
Chairman & Managing Director,
Medanta the Medicity

Course Chairman



Dr. Ravi R Kasliwal
MBBS, MD, DM, FIMSA, MNAMS, FASE
ADJUNCT PROF. CARDIOLOGY (NBE)
Chairman, Division of Clinical & Preventive Cardiology,
Medanta Heart Institute

COURSE SCHEDULE (2-YEARS)

One-year of clinicals with non-invasive cardiac diagnostics training

- 6 months: Cardiac intensive care
- 3 months: Cardiac in-patient wards
- 3 months: Cardiac out patient

One-year of non-invasive cardiac diagnostics training

- 6 months: Echocardiography
- 3 months: Cardiac stress testing / Nuclear imaging
- 3 months: Miscellaneous (Vascular imaging, atherosclerosis imaging, Holter monitoring, pediatric cardiology etc.)

CURRICULUM AND LEARNING METHODOLOGY

First Semester

- Coronary Artery Disease
- Cardiovascular Risk Factors
- Conventional transthoracic echocardiography - I

Second Semester

- Valvular Heart Disease
- Heart Failure
- Conventional transthoracic echocardiography – II
- Case study/ Minor project

Third Semester

- Cardiac Emergencies & Arrhythmias
- Cardiomyopathies
- Advanced Echocardiography
- Stress Testing and Nuclear Imaging
- Case study/Minor project

Fourth Semester

- Miscellaneous cardiac disorders
- Miscellaneous non-invasive cardiac diagnostic procedures
- Research methodologies
- Practical hands-on training
- Clinical correlation
- Integration of diagnostics in clinical decision making

Emphasis on:

- Practical hands on training
- Clinical correlation
- Integration of diagnostics in clinical decision making



Practical training in the hospital

• Clinical Rotations

- Cardiac intensive care
- Cardiac inpatient ward
- Cardiac out-patient
- Echocardiography
- Cardiac stress testing/
nuclear imaging
- Vascular imaging
- Holter monitoring

• 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)

• Journal Club/ Seminar / Presentation

- Minor project / Case study
- Community Outreach (at least 6 heart camps)

Certification

• Fellowship will be awarded to all successful students who complete

- The duration of the program
- All assessments
- Log books
- Thesis
- Dissertation
- Other prerequisites

• Course completion certificate will be awarded by Medvarsity

• Two years Senior Residency Certificate will be awarded by Medanta The Medicity

Course Fee

INR 1,80,000 + GST

- This is a stipendiary position

Selection Process

- Viva examination