



Accelerate  
your career  
growth in

Certificate in  
**CARDIAC DIAGNOSTIC TESTS**  
Short Course



3 Months  
Programme



Globally  
Accredited



Flexible  
Learning Mode

# ABOUT MediCOLL

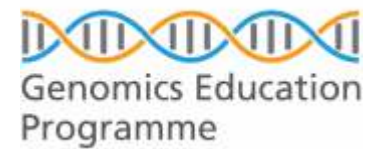
MediCOLL Learning online learning platform that encourages interaction and knowledge sharing among participants. Through discussion forums, live webinars, and virtual networking events, you can connect with fellow learners from around the world. This collaborative approach not only enhances your understanding of the subject matter but also provides opportunities for networking and building professional connections within the medical community.



In today's fast-paced world, online learning platforms have revolutionized education, making it more accessible and flexible. Medicoll Learning is an innovative online learning platform that serves the needs of medical professionals, MBBS graduates and Non-MBBS graduates, who aspire to pursue specialized fellowship courses. With a commitment to deliver high-quality education, Medicoll Learning offers a wide range of fellowship programs designed to enhance the knowledge, skills, and career prospects of medical professionals. One of the key advantages of MediCOLL Learning is its online learning format. This allows you to access your fellowship courses from anywhere, at any time, and at your own pace. The platform provides a user-friendly interface with a variety of learning resources, including video lectures, interactive quizzes, and case studies.

MediCOLL Learning places a strong emphasis on delivering high-quality medical education. The organization collaborates with renowned medical experts and practitioners to develop and deliver cutting-edge educational programs. By leveraging the expertise of industry leaders, Medicoll Learning ensures that its educational offerings are up-to-date, evidence-based, and aligned with the latest advancements in medical science and practice. The organization recognizes the importance of interactive and engaging education, incorporating a variety of teaching modalities such as case-based learning, simulations, hands-on workshops, and virtual learning platforms. These methods foster active participation, critical thinking, and practical application of knowledge, ensuring that learners are well-prepared to address real-world challenges. These fellowships provide healthcare professionals with advanced clinical training, research opportunities, and mentorship, enabling them to excel in their chosen specialties. The comprehensive nature of these fellowships equips participants with the skills and knowledge required to become leaders in their fields.

# E-LEARNING CONTENT PROVIDERS



# TRAINING





# ACADEMIC PARTNER MANGALAYATAN UNIVERSITY

To be a leader in education, an institution must be founded on two basic principles: keeping the interest of students as its foremost priority and recognizing that knowledge is ever-growing, omnipresent and requires the opening of minds.

At Mangalayatan University, we take pride in these two qualities being at

the core of our existence. Mangalayatan (translated as the germinal bed of positive thought) aims to perpetuate a culture of hardwork, embracing change and preparing oneself for the fast progressing world with the latest skills and the highest level of social and personal values. Situated 20 km from the Yamuna Expressway in Uttar Pradesh, Mangalayatan University was founded in 2006 and has graduated over 7000+ students. Nearly 3500+ students from India and abroad are currently studying on campus.

Mangalayatan University vision is to give students from all kinds of background, a quality educational experience leading to legitimately rewarding career opportunities.



# WHY CHOOSE US?



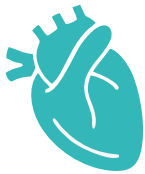
- ✔ Globally Accredited Curriculum
- ✔ Hassle free admission, delivery and assessment
- ✔ International Accreditations
- ✔ Highly Experienced Faculties
- ✔ Clinical observership with leading Hospitals
- ✔ Fast Career Growth
- ✔ Easy EMI options available

# CARDIAC DIAGNOSTIC TESTS

Cardiac diagnostic tests are a range of procedures and evaluations used to assess the heart's structure, function, and overall health. These tests help in diagnosing various heart conditions, such as coronary artery disease, arrhythmias, heart failure, and structural abnormalities.

Top Cardiologists created our "Certificate in Cardiac Diagnostic Tests" to encompass clinical characteristics, evaluation, and diagnosis for precise diagnostic testing, ensuring expertise and utmost confidence in patient care.

## GLOBAL INSIGHT



523 million people suffer from cardiovascular disease worldwide



60 Million Indian people are vulnerable to cardiovascular disease



4.77 Million people die every year from cardiovascular disease in India

India has witnessed a rapid increase in the prevalence of cardiac disease over the past few decades. Cardiovascular disease now accounts for more than a quarter of all deaths in the country. According to the Global Burden of Disease (GBD) study, ischemic heart disease (IHD) and stroke are the top two causes of death in India.

# COURSE HIGHLIGHTS



3 Months of Programme



Globally Accredited



Flexible Learning Mode

## LEARNERS TESTIMONIAL



**Dr. Santosh Kamble**



Best learning platform that keeps you updated with latest clinical methods.



**Dr. Maheeb Rehman**



Wonderful opportunity for Doctors who really want to improve their skills with knowledge



**Dr. Aman Shaw**



Excellent faculties & much informative study material with practical learning. I am truly impressed

# COURSE MODULES

## MODULE-1

### Introduction

- Diagnostic Tests in Cardiology- Introduction
- Imaging Techniques Used in Cardiology – Part 1: Chest X-ray, Fluoroscopy
- Serum Analysis
- Imaging Techniques Used in Cardiology – Part 2 CT
- Imaging Techniques Used in Cardiology – Part 3 MRI

## MODULE-2

### Diagnostic Tests

- The Electrocardiogram
- Transesophageal echocardiography
- Nuclear Perfusion Scan (Myocardial Scintigraphy)
- Myocardial Biopsy

## MODULE-3

### Plain X-rays of the Adult Chest

- Plain X-rays of the Adult Chest: Introduction
- Plain X-rays of the Adult Chest: General Anatomy and Physiology
- Image Interpretation - Plain X-rays of the Adult Chest: The Normal Chest X-ray
- Fluoroscopy
- Optimization in Fluoroscopy



# COURSE MODULES

## MODULE-4

### Image Interpretation of Cardiac Imaging-I

- Image Interpretation: Cardiovascular Computed Tomography - Introduction and Anatomy
- Image Interpretation: Cardiac Computed Tomography - Coronary Artery Screening
- Image Interpretation: Cardiac Imaging - Cardiovascular Magnetic Resonance Imaging
- Image Interpretation: Cardiac Imaging - Cardiovascular Magnetic Resonance Imaging - Pathology
- Image Interpretation: Cardiac Imaging: Interventional Cardiac Procedures
- Image Interpretation: Cardiac Imaging: Echocardiography and Cardiac Nuclear Medicine Examinations.

## MODULE-5

### Image Interpretation of Cardiac Imaging-II

- Image Interpretation - Cardiac Imaging: Catheter Studies - Typical Diagnostic Angiogram and Normal Findings
- Image Interpretation - Cardiac Imaging: Catheter Studies - Disease Diagnosis
- Image Interpretation - Cardiac Imaging: Catheter Studies - Percutaneous Coronary Intervention (PCI) Treatment of Coronary Artery Disease (CAD)
- Image Interpretation: Cardiac Imaging: Chest Radiography
- Chest X-ray Findings Post-Cardiac Surgery
- Normal Cardiac Anatomy by Echocardiography
- Normal Cardiac Flow Patterns by Echocardiography
- Cardiac Nuclear Medicine Studies.

# COURSE OUTCOMES

## UPON COMPLETION OF THE PROGRAMME ONE SHOULD BE ABLE TO...

01

The program provides a comprehensive understanding of various cardiac diagnostic tests, including electrocardiograms (ECGs), echocardiograms, stress tests, Holter monitoring, and more. This knowledge enables healthcare professionals to perform and interpret these tests accurately, leading to more precise diagnoses.

02

With advanced training in cardiac diagnostics, professionals can better identify and manage cardiac conditions, contributing to improved patient outcomes and satisfaction.

03

The field of cardiac diagnostics is constantly evolving with new technologies and methodologies. A certificate program ensures that professionals stay up-to-date with the latest advancements, tools, and techniques.

04

The certification often includes hands-on training with the latest diagnostic equipment, ensuring that professionals are proficient in using cutting-edge technology in their practice.



# ADMISSION PROCESS



## Eligibility

- ✓ MBBS/MD/PHARM-D
- ✓ Practicing Physicians
- ✓ MD and DNB/FNB residents
- ✓ Medical Students who are in their final year can also apply.



## Steps to Apply



### Registration

Fill the application form and submit relevant documents



### Fee Payment

Proceed with the fee payment after submitting the application form



### Get Started

Once the application form is received along with documents and course fee, we will provide the login details to access the course



- ✓ Course duration – 3 Month
- ✓ There will be an extra charge for the extension of the course validity.

Terms and conditions apply

Refer to FAQs on our each course page

For any queries write us at :  
[info@MediCOLL.org](mailto:info@MediCOLL.org)



+91 8062465200



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