



www.MediCOLL.org

ACCELERATE
YOUR CAREER
GROWTH IN



Fellowship in
2D ECHOCARDIOGRAPHY



12 Months
Programme



Globally
Accredited



Placement
Assurance



Live Sessions by
Experienced Faculties

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.

THE PARTNERS

ACADEMICS



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

2D ECHO-CARDIOGRAPHY

2D-ECHOCARDIOGRAPHY IS A TECHNIQUE TO DIAGNOSE CARDIAC DISEASE AND A TOOL TO PROTECT YOUR HEART HEALTH IN TODAY'S SEDENTARY LIFESTYLE.

Our "Fellowship in 2D-echocardiography" was created by top cardiologist to encompass clinical characteristics, evaluation, and diagnosis to assist you perform the diagnostic test with expertise and uttermost assurance.



India's diagnostic rate for cardiac problems is 500,000 each year



60 Million Indian people are vulnerable to cardiovascular disease



4.77 million people died every year from cardiovascular disease in India

India possesses one among the globe's greatest prevalence of cardiovascular disease (CVD). India is responsible for over 60% of the world's cardiovascular disease burden. The yearly number of CVD fatalities in India.

COURSE HIGHLIGHTS



12 Months of Programme



Live Sessions by Eminent Faculties



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

MODULES-1

Basics of Echocardiography

- Fundamental concepts of Echocardiography
- Cardiac morphology
- Study of valve and views
- Doppler ultrasound echocardiography-
 - a. Pulsed wave doppler
 - b. Continuous wave doppler
 - c. Color flow doppler
- Conventional studies of ultrasonography
- Fundamental Techniques of ultrasound.
- Study of electrical conductance of cardiac

MODULES-2

Types of Echocardiography

- Transthoracic echocardiogram
- Transesophageal echocardiogram
- Prenatal echocardiogram
- Stress echocardiogram
- Tissue doppler imaging
- Myocardial imaging
- Contrast echocardiogram

MODULES-3

Cardiac Disorder

- Isolated systolic hypertension
- Malignant hypertension
- Resistant hypertension
- Myocardial disease
- Endocarditis disease
- Cardiomyopathies
- Ventricular disease
- Tricuspid and Bicuspid problem
- Mitral and aortic valve disease
- Pericarditis
- Endocarditis
- Thromboembolic disease
- Right and left heart abnormalities

COURSE MODULES

MODULE-4

Genetic Condition of Heart

- Congenital cardiomyopathies
- Arrhythmogenic right ventricular cardiomyopathy (ARVC)
- Long QT syndrome
- Short QT syndrome
- Ventricular septal defect
- Wolff-parkinson white syndrome
- Atrioventricular defect
- Pulmonary valve defect
- Pulmonary atresia
- Progressive cardiac conduction defect
- Familial hypercholesterolaemia
- Cardiac amyloidosis

MODULE-5

Modulation for Echocardiography

- Color flow imaging
- Doppler echocardiography technique
- Transesophageal echocardiography
- The fundamental scan technique
- Sonographers
- Cardiac pathophysiology
- ultrasound technique
- Embryology & genetic disorder
- Valve disorder
- Diastolic functionality and wall movement

COURSE OUTCOMES

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

- 01** This program allows you to observe and assess the various cardiac sections and cardiac condition
- 02** This program promote you to deal with cardiac patients and consult them
- 03** Able to analyze cardiac problems with 2D-Echocardiography
- 04** By this program you can developed your skills in 2D Echocardiography
- 05** Examine the structure and portions of the cardiovascular system

COURSE FACUTLY



DR. SANJAY AGARWAL (MD, FACE, FACP)

Fellow of American College of Endocrinology
Director, Aegle Clinic - Diabetes Care
Head, Dept. of Medicine & Diabetes, Ruby Hall Clinic, Member,
Editorial Board, BMJ Open Diabetes Research & Care Journal
Associate Editor of International Journal of Diabetes
in Developing Countries (IJDDC)
Hon. Secretary, Governing Council, National RSSDI
Chairman, International Diabetes Expert Consortium(IDEC)



DR. ANJALI BHATT (D.ENDO, MSC (ENDO))

Consultant Diabetologist and Endocrinologist
(Clinician, Researcher, Academician, Activist)
Founder ENDOCLINIC, Pune

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 – 10 Months (online) + 2 Months (observership)
- ✓ There will be an extra charge for the extension of the course validity.



Enrollment no. F2EC10916F



FELLOWSHIP IN 2D ECHOCARDIOGRAPHY

This is to certify that

DR. NARESH CHAUHAN

has successfully completed the requirements prescribed under the regulations of award of 52 weeks programme in 2D Echocardiography including observership and is awarded with **FELLOWSHIP IN 2D ECHOCARDIOGRAPHY** in..... Year.....

This course is conducted by **MediCOLL** in association with **Mangalayatan University** and digital content from **eIntegrity** and **Royal College of General Practitioners, UK**

**Authorized Signatory
MediCOLL Learning**

Academic Partners



**Course Director
Dr. Sanjay Agarwal**

Terms and conditions apply

Refer to FAQs on our each course page

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