



# Fellowship in 2D Echocardiography – **Edition II**

- 2020 Edition redesigned to enhance learner engagement
- Self-learning and online assessments
- Video-based learning strategy designed for effective learning

# About Us

**Medvarsity Online is Asia`s largest healthcare Ed-Tech company, with over 2 lakh medical professionals trained and certified.** Our partnerships with renowned medical professionals enable us to present the best courses to our students and help them to meet their learning goals. Medvarsity aims to offer a comprehensive online educational platform for medical and healthcare professionals to continue their education.

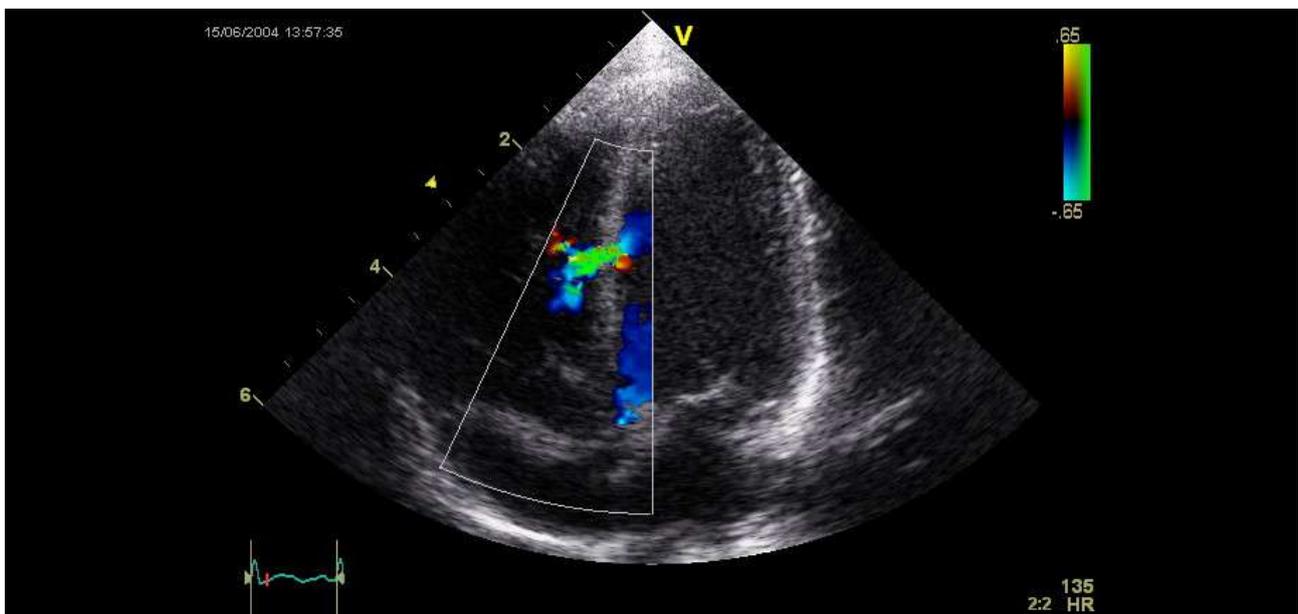
**With more than 150 courses in clinical & management areas for doctors, nurses, and general management personnel,** we bring to you updated content carefully curated to meet your educational needs.

We cover specialties such as Diabetes, Emergency Medicine, Cardiology, Nutrition, Wellness, Healthcare Informatics, and Mental Health. The courses are exclusively designed by the doctors, for the doctors. Our mission is to empower medical practitioners with knowledge and experiences they need to meet the challenges of today and prepare for a better tomorrow.

The non-clinical courses are designed by highly experienced medical experts. **With over 15,000 active learners on our platform and course accreditation by leading global partners,** Medvarsity is the leading online medical certification and training company in the region. Medvarsity has a global presence and students across India, Middle East, Africa, and South-East Asia.

Our blended training solutions combine the best of traditional e-learning, live virtual classes, clinical bedside learning, and mobile learning models to deliver impactful courses to our students. Medvarsity has been awarded with **‘excellence in training and development’** in online education in the year 2018.

Medvarsity`s vision to **“Impact Healthcare Through Education”** is led by a team of 180 professionals including doctors, management professionals, designers, storytellers, and technologists.





## Course Overview

Fellowship in 2D Echocardiography includes basic knowledge on echocardiography principles. It emphasizes on various modes and applications of echocardiography in various cardiovascular conditions.

Doctors from various medical specialties require echocardiography to assess patients and diagnose a wide range of pathologies. The primary objective of this fellowship program is not just to teach how to perform echocardiography, but also to understand its potential, application in various scenarios, and its limitations. The focus of the course is on echocardiography in cardiac pathology

This course is meant for MBBS graduates who are currently working or are interested to work in cardiology ICUs, and for MD and DNB specialists. Recently passed out residents particularly of internal medicine, cardiology, and radiology, sonographers, and academicians, who want to be educators in medical colleges can opt for this fellowship program.

Also, MBBS graduates who want to clear accreditation from boards such as **American Society of Echocardiography and British Society of Echocardiography** can benefit from this course.



## Course Highlights

- Course modules consist of expert video bites by the course director, **Dr. R.R. Kasliwal** where he shares his clinical experience and knowledge.
- Practise 2D Echocardiography through simulation modules by **Simtics, New Zealand**.
- Experience live 2D echocardiography demonstrations and get hands-on training as a part of the contact program in a reputed hospital.
- Video-based learning and illustrative visual representations for improved learning and reading outcome.



## Course Outline

- Module 1 : Echocardiography – Basics and Principles
- Module 2 : Echocardiography in specific cardiac conditions
- Module 3 : Echocardiography – Simulations



## Eligibility

Physicians (MBBS, MD, and DNB), Cardiology, general medicine, radiology residents, and residents working in cardiology and intensive care units, sonographers, and academicians

## Duration

6 Months including 15 days contact program

## Assessment

- Assessments for all modules will be through online tests
- Three attempts to clear the tests.

## Certification

On successful completion of the final module and the contact program, the aspirants will earn a Certificate in Fellowship in 2D Echocardiography: II Edition. An E-certificate will be generated in the LMS. Fellows can easily download the certificate.



# Training and Learning Methodology

- **Learning Methodology:**

Echocardiography requires adequate theoretical knowledge along with hands-on experience in performing and accurately interpreting echo tests. The specialty of this course is the incorporation of concepts of the Miller's Pyramid of clinical competence in the form of simulation modules that will optimize learning by experiencing procedures through the web-based simulation

- **E-learning with Video-based Content:**

The interactive e-learning content allows you to study at your own pace from the comfort of your own home or clinic. The multiple case presentations, lectures, and interactive elements presented throughout the course complements the curriculum and incorporates a synchronous model of learning. The video transcripts can be downloaded and printed by the students for their reference.

- **Online Simulation Training:**

Simulations allow learners to experience the procedure and have a live experience. Students can learn from making and correcting errors, thus understanding the practical aspect of echocardiography.

- **Assessment & Certification:**

The course is divided into 3 modules. There will be an online assessment after completion of all the modules. There are 3 attempts to clear the tests. If learners are not able to clear the final test for the level in three attempts, they will have to pay reactivation fees. On successful completion of the final assessment, candidates will be awarded a certificate by Medvarsity. An E-Certificate will be generated in the Learning management system.

- **Contact Program:**

This will be a guided and supervised contact program where learners can enhance their skills and practically apply their learning from the course. After completion of online training and assessments, the candidate will have to attend a 15 days contact program at a reputed hospital anywhere in India. Students can select their preferable hospital from the list of selected ones depending on their location.

- **Career Opportunities:**

The Fellowship in 2D Echocardiography course helps in better management of cardiac symptoms and thus enhances career prospects in the fields of cardiology. This certification will be an additional benefit to your current skill sets and will open further opportunities in cardiology units, ICU, and various other departments.

## • Latest Student Reviews (2020)

### **Dr. Deepak Kumar**

“Hello, I am Dr. Deepak, I always want to upgrade my clinical experience. That is the reason I joined Medvarsity. I was surprised that Medvarsity provides the same information that we get from the University, to the extent that what signs and symptoms in a patient we should look for, how to diagnose, what treatment to suggest, what medicines to prescribe, why to prescribe that medicine and even how to do follow ups. Webinars that are delivered by practising clinical experts are very educational. Till now I have enrolled in 7 courses and I hope to enroll in more courses in the future.”

### **Krishna Rao**

“I did my 2D Echo fellowship program in Medvarsity, it was a 6 months course with 2 weeks contact program. The contact program was very useful for me. And the online videos and online program were also very useful. Hope it will be useful for all the doctors. Thank you”

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