

ESSENTIALS OF EMERGENCY ULTRASOUND TRAINING & WORKSHOP



Zydus Hospital operates one of the best Accident & Emergency Centres in Western India, providing services for trauma and non-trauma medical and surgical emergencies 24 hours a day, seven days a week. Emergency room is one of the most critical areas in the hospital. The quality of medical services provided in the emergency room is of paramount importance and often has a direct bearing on the morbidity and mortality of a patient.

Emergency Department Ultrasound course is designed to provide physicians with a strong foundation in emergency ultrasound. The course philosophy emphasizes hands-on practical instructions to maximize the participants' learning experience. This is achieved with one-on-one bedside teaching on live models.

Organized by:



Educational Support by:

FUJIFILM
Value from Innovation

SonoSite

Registration Procedure: This is an ongoing workshop program and is conducted in batches. Please register your participation interest for the upcoming batch.

May 19 - 20, 2017

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LEARNING OBJECTIVES

At the end of this program, the learner should be able to:

- Understand the basics of ultrasound physics, image generation and interpretation and image artifacts
- Understand the different types of probes used to generate images and the “knobology” of the ultrasound machine
- Have completed most (if not all) of their required 20 scans to complete the course
- Generate limited focused images for all the primary applications including FAST, echocardiography, abdominal aorta, lung ultrasound, and procedural ultrasound
- Understand how ultrasound is to be used in the clinical assessment of patients and clinical algorithms for patient care
- Identify all the important anatomic structures on an ultrasound image that are necessary to interpret the primary examinations
- Understand the importance of establishing and maintaining a quality assurance program at your ED
- Learn the psychomotor skills necessary to generate accurate ultrasound images
- Understand the indications and limitations of ultrasound

The course is a two day program

The completion of most (if not all) of the required 20 supervised scans in each of the four areas (vessels, heart, abdomen, and lung).

The design of this three day course has been overseen by **Dr. Ketan Patel, Dr. Anjali Patel** and **Dr. Rignesh Patel** - Emergency Physicians.

Emergency Medicine Ultrasound Program

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| Day one | Knobology, artifacts, probe manipulation and image optimisation FAST - clinical algorithms, sonographic appearances and techniques Lung Ultrasound - clinical algorithms, sonographic appearances and techniques Echocardiography - clinical algorithms, sonographic appearances and techniques |
| Day two | Vascular access, DVT Abdominal Aortic Aneurysm (AAA) - clinical algorithms, sonographic appearances and techniques RUSH protocols and case discussions |

VENUE

Zydus Hospital, Near Sola Bridge, S.G. Highway, Ahmedabad - 380054, Gujarat, India

COURSE FEE

Rs. 5000/- (Number of seats limited to 20)

Payments to be made in the account of:

Account Name: Pratham E Care

Bank Branch: Yes Bank, 102/103, CG Centre, CG Road, Ahmedabad - 380 009, Gujarat

Account No.: 000761900001333 **IFSC Code:** YESB0000007

CONTACT

Dr. Ketan Patel - drkd25@yahoo.com

This practical and focused course will extend your skills with several hours of scanning over three days. At the end of this course, you will be able to demonstrate proficiency in performing and interpreting emergency ultrasound scans including:

- FAST
- AAA
- Lung
- Vascular access (through experience gained on ultrasound phantoms)
- Basic echo in life support including RUSH
- DVT

Our training philosophy optimises your learning experience with:

- State-of-the-art training facility with modern ultrasound equipment
- Small class sizes
- A focus on practical skills acquisition with several hours of scanning time
- The utilisation of real patient models supplemented by ultrasound phantoms

Overall our focus is on learning through doing in a fun and relaxed collegiate environment.

Designed by doctors for doctors, these accredited courses are aimed at candidates at all levels.

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