



Emergency Ultrasound BachelorClass

The Emergency Ultrasound BachelorClass teaches you how to apply different modalities of ultrasound in an emergency setting. It will enable you to make quick and important decisions in critical care situations for the benefit of your patients.

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CME credits

12
Chapters

16
Lectures

11
Quizzes

Chapter 1 | CME

Free lectures

Lectures & Quizzes:

- Free lecture 1
- Free lecture 2
- Free lecture 3

Chapter 2 | CME

Introduction to Clinical Ultrasound

Why learn clinical ultrasound? This 12-minute video will change how you practice medicine forever. It covers the history of ultrasound and how it has been integrated into medical specialties beyond traditional users. Finally, you will see why you can not safely practice clinical medicine today without bedside ultrasound skills.

Lectures & Quizzes:

- Introduction to Clinical Ultrasound
- Introduction to Clinical Ultrasound quiz

Chapter 3 | CME

Ultrasound Physics

Physics can be intimidating and frustrating. Do not worry! This 22-minute module is a practical and simplified explanation of

how medical ultrasound works. Very little math, and concepts that are easy to understand.

Lectures & Quizzes:

- Ultrasound Physics
- Ultrasound Physics quiz

Chapter 4 | CME

Instrumentation

Ultrasound equipment appears complicated and difficult to use. However, this 25-minute module introduces the difference components of all ultrasound systems and how they effect the image on the screen. It's easier than it looks

Lectures & Quizzes:

- Instrumentation
- Instrumentation quiz

Chapter 5 | CME

Abdominal & Retroperitoneal Anatomy

Do you really remember how all the parts fit together in the abdomen? In just 15 minutes this module will take you back to your anatomy class while showing how organs of the intraperitoneal cavity and retroperitoneum look when visualized by ultrasound. You will be surprised by how easy it is

Lectures & Quizzes:

- Abdominal & Retroperitoneal Anatomy
- Abdominal & Retroperitoneal Anatomy quiz

Chapter 6 | CME

Abdominal & Retroperitoneal Pathology

Abdominal pain is one of the most frequent reasons for patients to present for your care, and the differential for their problem is often long and complicated. With just three short lectures, we will empower you with the ability to diagnose and correctly manage common and dangerous pathologies.

Lectures & Quizzes:

- Abdominal Aortic Pathology
- Biliary Pathology
- Renal Ultrasound Pathology
- Pathology quiz

Chapter 7 | CME

Ultrasound guided Vascular Access

All clinicians encounter patients with difficult venous access. What do you do if you cannot administer intravenous medications in critically ill patients? This module will teach you how to place intravenous catheters under ultrasound guidance. Both central and peripheral venous access techniques are discussed. Video length is 30 minutes.

Lectures & Quizzes:

- Ultrasound guided Vascular Access
- Ultrasound guided Vascular Access quiz

Chapter 8 | CME

Basic Cardiac Ultrasound

The patient is gasping for air. Is it their heart? This 22-minute video teaches you all the basic views of the heart while introducing you to the critical diagnoses of congestive heart failure and pericardial effusion.

Lectures & Quizzes:

- Basic Cardiac Ultrasound
- Basic Cardiac Ultrasound quiz

Chapter 9 | CME

Female Pelvic Anatomy

How does pelvic anatomy all fit together? It is much easier than you think with ultrasound. This 15-minute module covers basic female pelvic anatomy and gets you ready to change the way you evaluate and manage female reproductive pathology forever.

Lectures & Quizzes:

- Female Pelvic Anatomy
- Female Pelvic Anatomy quiz

Chapter 10 | CME

Gynecologic Pathology

Evaluating and managing female pelvic pain can be difficult and frustrating. Often you are left "guessing" what is going on. With this 18-minute video, you will see how easy it is to identify and manage a number of non-pregnant pelvic pathologies.

Lectures & Quizzes:

- Gynecologic Pathology
- Gynecologic Pathology quiz

Chapter 11 | CME

1st Trimester Pregnancy

This is a 23-minute module on how to evaluate and manage patients by ultrasound during the first trimester of pregnancy. The video introduces all the critical structures that appear during a normal intrauterine pregnancy. Then it covers the ultrasound appearance of abnormal intrauterine and ectopic pregnancy. Finally, the module gives you a management strategy to safely manage these patients in your practice.

Lectures & Quizzes:

- 1st Trimester Pregnancy
- 1st Trimester Pregnancy quiz

Chapter 12 | CME

Trauma Ultrasound

Trauma patients cause a lot of anxiety. Is something dangerous going on? This 30-minute video will show how to find nearly every life-threatening injury in trauma and help you make the right management decisions.

Lectures & Quizzes:

- Trauma Ultrasound
- Trauma Ultrasound quiz