



POCUS FocusClass: Heart Focus

With the "Point of Care Ultrasound FocusClass: Heart Focus", you will become skilled in the use of handheld ultrasound devices and ultrasound exams in your clinical setting. You will save critical time in making a diagnosis - even if you currently have little or no experience in the use of ultrasound. This course covers the following topics: Heart, Lung I, DVT, Carotid and Lung II.

2.75
CME credits

5
Chapters

5
Lectures

5
Quizzes

Chapter 1 | 0.5 CME

Heart

This chapter is designed to provide you with a focus on sonographic planes, terminology and probe manipulation skills, along with techniques involved in handheld ultrasound Echocardiography to evaluate the heart chambers in 2D. Learn how to differentiate normal heart function from major cardiovascular pathology in this focus tutorial. The professional will also identify situations when a referral for a second opinion is indicated.

Lectures & Quizzes:

- Heart
- POCUS FocusClass - Heart

Chapter 2 | 0.5 CME

Lung I

In a first glance Prof. Thomas Binder will talk about pleural effusions. Next to come are artifacts of the lung such as A-lines and B-lines, how to identify a pulmonary edema and you will learn how you can quickly and accurately identify a pneumothorax.

Lectures & Quizzes:

- Lung
- POCUS FocusClass - Lung

Chapter 3 | 0.5 CME

DVT

This chapter aims to improve your understanding and use of handheld ultrasound to answer clinical questions by focussing on sonographic planes, terminology, and probe manipulation skills. Importantly, an overview of anatomical landmarks of the peripheral venous system is included as part of this chapter. The professional will recognise the variants and abnormalities of the peripheral venous system from the presentation of a hands-on demo and case-based learning and will understand situations when a referral for a second opinion is indicated.

Lectures & Quizzes:

- DVT
- POCUS FocusClass - DVT

Chapter 4 | 0.75 CME

Carotid

Imaging the carotid arteries is "straight forward". In this chapter we will explain, which instrumentation you need and how a carotid ultrasound exam is performed. Here you will also review the anatomy of neck arteries and learn when a carotid scan is indicated in a point of care setting. After completion you will know how to assess the Intima Media Thickness (IMT) and detect plaques to assess cardiovascular risk. In addition, we cover the topic of "carotid artery dissection".

Lectures & Quizzes:

- Carotid
- POCUS FocusClass - Carotid

Chapter 5 | 0.5 CME

Lung II

Scanning the lungs is not difficult to learn and it can easily be combined with the ultrasound of other organs. This chapter covers the sonographic anatomy and demonstrates how to image the lungs. We provide you with in-depth insights into pleural effusion, pulmonary congestion, consolidations and pneumothorax.

Lectures & Quizzes:

- Lung II
- POCUS FocusClass - Lung II