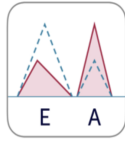




Pericardial disease



Restrictive CMP



Diastolic dysfunction

Cardiac Filling MasterClass

This course is specially designed for cardiologists, internists, intensivists, echocardiographers and residents in training who particularly need to understand the filling conditions of the heart but do have some understanding of the basic modalities of echocardiography. Note: This course includes AI-generated translations in Spanish and Arabic. Accuracy is not guaranteed (read more in Terms & Conditions)

6

CME credits

4

Chapters

17

Lectures

3

Quizzes

Chapter 1 | CME

Free lectures

Explore the intricacies of cardiac filling with this free chapter, featuring three enlightening lectures on the fundamentals of pericardial disease, restrictive cardiomyopathy, and diastolic function. Immerse yourself in the world of cardiovascular health and expand your understanding today!

Lectures & Quizzes:

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

Chapter 2 | 2 CME

Pericardial disease - Cardiac Filling MasterClass

Why do we have a pericardium? Can we live without a pericardium? How do we see pericardial effusions? What is the etiology of pericardial diseases? The pericardium truly is more important than you think. Pericardial effusions are common, and you don't want to miss a patient with constrictive pericarditis. In 5 lectures packed with cases and echo loop examples, you will learn how to detect pericardial effusions and how echo can help you to determine its etiology and guide therapy. An entire lecture is dedicated to the important question of whether a pericardial effusion is hemodynamically significant - the signs of tamponade will be shown in detail. In addition, we will present how easy it can be to detect pericardial constriction by looking at a few key features on the echo. After watching this more than 2-hour long chapter, you will be a true expert on the pericardium.

Lectures & Quizzes:

- Pericardial Effusion I
- Pericardial Effusion II
- Tamponade
- Pericardial constriction
- Other pericardial diseases
- Cardiac Filling MC - Pericardial Disease

Chapter 3 | 1.5 CME

Restrictive CMP - Cardiac Filling MasterClass

Restrictive cardiomyopathy is an often overlook or mislabeled condition. Early diagnosis is crucial since we now have treatment options for many of our patients. In this almost two-hour chapter, Prof. Thomas Binder and Prof. Fabian Knebel will teach you all there is to know about restrictive cardiomyopathy. You will see extraordinary cases and common findings! Expert tips & tricks will make sure that you "pick up" restrictive cardiomyopathy in the future.

Lectures & Quizzes:

- Basics
- Specific forms - Amyloid Heart Disease
- Specific forms - Other
- Cardiac Filling MC - Restrictive Cardiomyopathy

Chapter 4 | 2.5 CME

Diastolic Dysfunction - Cardiac Filling MasterClass

The assessment of diastolic function is part of each and every echo exam. Diastolic dysfunction is an important cause of dyspnea and can be present in patients with and without overt impairment of systolic left ventricular function (heart failure with preserved ejection fraction - HFpEF). This chapter provides you with a detailed description of how to perform an analysis of diastolic function with echo. What is diastolic dysfunction and what is the physiology behind it? How does it relate to filling pressures? Which parameters do we have at hand? And how should we integrate the newest guidelines into clinical practice? Using proven educational methods we break the topic down, separate the important from the trivial, and provide you with a simple approach to diastolic function.

Lectures & Quizzes:

- Introduction
- Pathology and Physiology
- Parameters
- The guidelines
- A simple approach
- Specific situations
- Cardiac Filling MC - Diastolic Dysfunction