



# Echo BachelorClass

The Echo BachelorClass provides an invaluable foundation for the practice of echocardiography. With over 80 high-quality video lectures, teaching you both basic and intermediate echocardiography skills, this online sonography program will ensure you gain the knowledge to make quick and important clinical decisions on your patients. Note: This course includes AI-generated translations in Spanish and Arabic. Accuracy is not guaranteed (read more in Terms & Conditions)

12.75  
CME credits

25  
Chapters

35  
Lectures

24  
Quizzes

## Chapter 1 | CME

### Free lectures

#### Lectures & Quizzes:

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

## Chapter 2 | 0.5 CME

### Starter Kit - Left ventricular function

Your entry gate to the world of echocardiography. Assessment of cardiac function made easy.

#### Lectures & Quizzes:

- 01 - Starter Kit - Left ventricular function
- 01. Starter Kit - Left ventricular function quiz

## Chapter 3 | 0.5 CME

### Starter kit – Aortic stenosis

Learn how to detect the most common form of valvular heart disease. Echo is easier than using the stethoscope.

### Lectures & Quizzes:

- 02 - Starter Kit - Aortic stenosis
- 02. Starter kit – Aortic stenosis quiz

## Chapter 4 | 0.5 CME

### Starter kit – Mitral regurgitation

Your first introduction to anatomy and function of the mitral valve. Learn how to use color Doppler to detect his important pathology.

### Lectures & Quizzes:

- 03 - Starter Kit- Mitral regurgitation
- 03. Starter kit – Mitral regurgitation quiz

## Chapter 5 | 0.5 CME

### Introduction to imaging

Getting to the core of things: Instrumentation, components of an echo exam and much more...

### Lectures & Quizzes:

- 04 - Introduction to imaging
- 04. Introduction to imaging quiz

## Chapter 6 | 0.5 CME

### Imaging – parasternal views

The parasternal view – how can you find it and which views should you display.

### Lectures & Quizzes:

- 05 - Imaging - parasternal views
- 05. Imaging – parasternal views quiz

## Chapter 7 | 0.5 CME

### Imaging – apical views

The apical window- probably the most important view to the heart. A chapter full of tips and tricks.

### Lectures & Quizzes:

- 06 - Imaging - apical views
- 06. Imaging – apical views quiz

## Chapter 8 | 0.25 CME

# Imaging – subcostal views

Problems with positioning your patient? The subcostal view is a perfect alternative that allows you to also see additional structures of the heart.

### Lectures & Quizzes:

- 07 - Imaging - subcostal views
- 07. Imaging – subcostal views quiz

## Chapter 9 | 0.75 CME

# Echo in critical care conditions

This chapter will definitely change the way you manage critical care patients. Get into the driving seat of medical decision making.

### Lectures & Quizzes:

- 08 - Echo in critical care conditions - part 1
- 08 - Echo in critical care conditions - part 2
- 08. Echo in critical care conditions quiz

## Chapter 10 | 0.75 CME

# Left ventricular dysfunction

Here we dig deeper into the essentials of quantifying left ventricular function. A chapter full of practical examples.

### Lectures & Quizzes:

- 09 - Left ventricular dysfunction - part 1
- 09 - Left ventricular dysfunction - part 2
- 09. Left ventricular dysfunction quiz

## Chapter 11 | 0.25 CME

# Acute myocardial infarction

The ECG is still first – but once you watch this chapter you will realize important echocardiography is in patients with chest pain.

#### Lectures & Quizzes:

- 10 - Acute myocardial infarction
- 10. Acute myocardial infarction quiz

#### Chapter 12 | 0.25 CME

## Complications of myocardial infarction

This chapter will help you save lives. You will need echo for Risk assessment and the diagnosis of myocardial rupture, ischemic VSD, right ventricular infarct and thrombi.

#### Lectures & Quizzes:

- 11 - Complications of myocardial infarction
- 11. Complications of myocardial infarction quiz

#### Chapter 13 | 0.5 CME

## Hypertrophy and myocardial disease

Hypertrophy - A frequent finding. But how do you quantify it and what are the causes? We will provide a simple roadmap.

#### Lectures & Quizzes:

- 12 - Hypertrophy and myocardial disease
- 12. Hypertrophy and myocardial disease quiz

#### Chapter 14 | 0.75 CME

## Fluid management

Should I give fluids or not? Echocardiography will provide the answer.

#### Lectures & Quizzes:

- 13 - Fluid management - part 1
- 13 - Fluid management - part 2
- 13. Fluid management quiz

#### Chapter 15 | 0.5 CME

## Right heart and pulmonary hypertension

Learn how to quantify pulmonary pressure. Right heart disease is more common than you think and echo will lead you the diagnosis. From pulmonary embolism and right heart failure to tricuspid regurgitation.

#### Lectures & Quizzes:

- 14 - Right heart and pulmonary embolism
- 14. Right heart and pulmonary hypertension quiz

#### Chapter 16 | 0.25 CME

## Aortic stenosis

The sequel to chapter 2, now you will also learn how to quantify aortic stenosis. We will show you how to use spectral Doppler here.

#### Lectures & Quizzes:

- 15 - Aortic stenosis
- 15. Aortic stenosis quiz

#### Chapter 17 | 0.25 CME

## Mitral stenosis

A common disease in many parts of the world and one of the easiest diagnosis you can make. But only if you have an echo machine.

#### Lectures & Quizzes:

- 16 - Mitral stenosis
- 16. Mitral stenosis quiz

#### Chapter 18 | 0.5 CME

## Mitral regurgitation

In chapter 3 we already dealt with mitral regurgitation. Here you will see many more examples and learn why patients develop mitral regurgitation in the first place.

#### Lectures & Quizzes:

- 17 - Mitral regurgitation part 1
- 17 - Mitral regurgitation part 2
- 17. Mitral regurgitation quiz

#### Chapter 19 | 0.5 CME

# Aortic regurgitation

Once you know how to use color Doppler it is easy to detect aortic regurgitation. But there is more you should know about this entity if you want to manage your patients.

## Lectures & Quizzes:

- 18 - Aortic regurgitation
- 18. Aortic regurgitation quiz

Chapter 20 | 1.5 CME

# Transesophageal echocardiography

Transesophageal- and transthoracic echo belong together. Learn when and how to use it. Your first step into an important modality that is not only used in cardiology.

## Lectures & Quizzes:

- 19 - TEE - Introduction
- 19 - TEE - Cut planes part 1
- 19 - TEE - Cut planes part 2
- 19 - TEE - Normal and abnormal
- 19. Transesophageal echocardiography quiz

Chapter 21 | 0.25 CME

# Heart and infection

If you don't want to miss an endocarditis-, myocarditis or pericarditis then you will need to watch this chapter. Learn more about the incredible power of both transthoracic and transesophageal echo.

## Lectures & Quizzes:

- 20 - Heart and infection
- 20. Heart and infection quiz

Chapter 22 | 0.5 CME

# Pericardial effusion

Detection of a pericardial effusion is one of the easiest tasks in echocardiography. This chapter will show you how to make the diagnosis and which additional information it provides.

## Lectures & Quizzes:

- 21 - Pericardial effusion
- 21. Pericardial effusion quiz

## Aortic disease

Don't forget to image the aorta. This lecture will explain you how and why it can save lives.

### Lectures & Quizzes:

- 22 - Aortic disease
- 22. Aortic disease quiz

## Prosthetic valves

Over 250.000 prosthetic valves are implanted worldwide each year. So you will definitely see such patients. But how can you tell if prosthetic function is normal? We will show you in this chapter.

### Lectures & Quizzes:

- 23 - Prosthetic valves part 1
- 23 - Prosthetic valves part 2
- 23. Prosthetic valves quiz

## Echo and cardiovascular surgery

Do you know how to assess the risk for surgery with echo? Which factors influence the postoperative outcome and what to look for in patients who underwent cardiovascular surgery? These are some of the topics discussed in this chapter.

### Lectures & Quizzes:

- 24 - Echo and cardiovascular surgery
- 24. Echo and cardiovascular surgery quiz