Echo BachelorClass Course

24 chapters that will bring you to the next level

Chapters

[](https://www.123sonography.com/courses/echo-bachelorclass-course/starter-kit-left-ventricular-function)

[Starter Kit - Left ventricular function](https://www.123sonography.com/courses/echo-bachelorclass-course/starter-kit-left-ventricular-function)

 00:24:33  1 credit  Chapter 1

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

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/starter-kit-left-ventricular-function)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/starter-kit-%E2%80%93-aortic-stenosis)

[Starter kit – Aortic stenosis](https://www.123sonography.com/courses/echo-bachelorclass-course/starter-kit-%E2%80%93-aortic-stenosis)

 00:21:02  1 credit  Chapter 2

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

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/starter-kit-%E2%80%93-aortic-stenosis)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/starter-kit-%E2%80%93-mitral-regurgitation)

[Starter kit – Mitral regurgitation](https://www.123sonography.com/courses/echo-bachelorclass-course/starter-kit-%E2%80%93-mitral-regurgitation)

 00:24:28  1 credit  Chapter 3

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

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/starter-kit-%E2%80%93-mitral-regurgitation)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/introduction-imaging)

[Introduction to imaging](https://www.123sonography.com/courses/echo-bachelorclass-course/introduction-imaging)

 00:27:49  1 credit  Chapter 4

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

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/introduction-imaging)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/imaging-%E2%80%93-parasternal-views)

[Imaging – parasternal views](https://www.123sonography.com/courses/echo-bachelorclass-course/imaging-%E2%80%93-parasternal-views)

 00:23:15  1 credit  Chapter 5

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

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/imaging-%E2%80%93-parasternal-views)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/imaging-%E2%80%93-apical-views)

[Imaging – apical views](https://www.123sonography.com/courses/echo-bachelorclass-course/imaging-%E2%80%93-apical-views)

 00:25:42  1 credit  Chapter 6

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

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/imaging-%E2%80%93-apical-views)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/imaging-%E2%80%93-subcostal-views)

[Imaging – subcostal views](https://www.123sonography.com/courses/echo-bachelorclass-course/imaging-%E2%80%93-subcostal-views)

 00:17:31  1 credit  Chapter 7

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

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/imaging-%E2%80%93-subcostal-views)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/echo-critical-care-conditions)

[Echo in critical care conditions](https://www.123sonography.com/courses/echo-bachelorclass-course/echo-critical-care-conditions)

 00:37:29  1 credit  Chapter 8

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

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/echo-critical-care-conditions)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/left-ventricular-dysfunction)

[Left ventricular dysfunction](https://www.123sonography.com/courses/echo-bachelorclass-course/left-ventricular-dysfunction)

 00:40:59  1 credit  Chapter 9

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

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/left-ventricular-dysfunction)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/acute-myocardial-infarction)

[Acute myocardial infarction](https://www.123sonography.com/courses/echo-bachelorclass-course/acute-myocardial-infarction)

 00:17:01  1 credit  Chapter 10

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

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/acute-myocardial-infarction)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/complications-myocardial-infarction)

[Complications of myocardial infarction](https://www.123sonography.com/courses/echo-bachelorclass-course/complications-myocardial-infarction)

 00:19:52  1 credit  Chapter 11

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.

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/complications-myocardial-infarction)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/hypertrophy-and-myocardial-disease)

[Hypertrophy and myocardial disease](https://www.123sonography.com/courses/echo-bachelorclass-course/hypertrophy-and-myocardial-disease)

 00:22:16  1 credit  Chapter 12

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

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/hypertrophy-and-myocardial-disease)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/fluid-management)

[Fluid management](https://www.123sonography.com/courses/echo-bachelorclass-course/fluid-management)

 00:38:10  1 credit  Chapter 13

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

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/fluid-management)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/right-heart-and-pulmonary-hypertension)

[Right heart and pulmonary hypertension](https://www.123sonography.com/courses/echo-bachelorclass-course/right-heart-and-pulmonary-hypertension)

 00:33:59  1 credit  Chapter 14

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.

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/right-heart-and-pulmonary-hypertension)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/aortic-stenosis)

[Aortic stenosis](https://www.123sonography.com/courses/echo-bachelorclass-course/aortic-stenosis)

 00:14:32  1 credit  Chapter 15

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.

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/aortic-stenosis)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/mitral-stenosis)

[Mitral stenosis](https://www.123sonography.com/courses/echo-bachelorclass-course/mitral-stenosis)

 00:16:51  1 credit  Chapter 16

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.

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/mitral-stenosis)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/mitral-regurgitation)

[Mitral regurgitation](https://www.123sonography.com/courses/echo-bachelorclass-course/mitral-regurgitation)

 00:34:27  1 credit  Chapter 17

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.

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/mitral-regurgitation)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/aortic-regurgitation)

[Aortic regurgitation](https://www.123sonography.com/courses/echo-bachelorclass-course/aortic-regurgitation)

 00:27:14  1 credit  Chapter 18

One 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.

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/aortic-regurgitation)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/transesophageal-echocardiography)

[Transesophageal echocardiography](https://www.123sonography.com/courses/echo-bachelorclass-course/transesophageal-echocardiography)

 00:96:27  1 credit  Chapter 19

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.

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/transesophageal-echocardiography)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/heart-and-infection)

[Heart and infection](https://www.123sonography.com/courses/echo-bachelorclass-course/heart-and-infection)

 00:18:17  1 credit  Chapter 20

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.

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/heart-and-infection)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/pericardial-effusion)

[Pericardial effusion](https://www.123sonography.com/courses/echo-bachelorclass-course/pericardial-effusion)

 00:27:08  1 credit  Chapter 21

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.

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/pericardial-effusion)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/aortic-disease)

[Aortic disease](https://www.123sonography.com/courses/echo-bachelorclass-course/aortic-disease)

 00:19:05  1 credit  Chapter 22

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

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/aortic-disease)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/prosthetic-valves)

[Prosthetic valves](https://www.123sonography.com/courses/echo-bachelorclass-course/prosthetic-valves)

 00:42:10  1 credit  Chapter 23

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.

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/prosthetic-valves)

[](https://www.123sonography.com/courses/echo-bachelorclass-course/echo-and-cardiovascular-surgery)

[Echo and cardiovascular surgery](https://www.123sonography.com/courses/echo-bachelorclass-course/echo-and-cardiovascular-surgery)

 00:43:29  1 credit  Chapter 24

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.

[**Read more**](https://www.123sonography.com/courses/echo-bachelorclass-course/echo-and-cardiovascular-surgery)