

Περιεχόμενα:

Part 1. How to set up the echo-machine to optimize your examination

1: How to set up the echo-machine to optimize your examination

Part 2. The standard transthoracic echo-examination

2: 2D echo and M-Mode echo

3: Doppler echocardiography

4: Functional echocardiography

5: 3D echocardiography

6: Left ventricular opacification with contrast echocardiography

7: The storage and report

Part 3. The standard transoesophageal echocardiographic examination

8: Clinical indications, procedures and contraindications

9: 2D examination

10: Continuous, colour flow Doppler and pulse wave examination

11: 3D examination

12: The storage and report

Part 4. Assessment of left ventricular systolic dysfunction

13: Assessment of left ventricular systolic dysfunction

Part 5. Assessment of diastolic function / dysfunction

14: Assessment of diastolic function / dysfunction

Part 6. Ischaemic heart disease

15: Ischaemic heart disease

16: Chronic ischaemic cardiomyopathy

17: Coronary arteries

Part 7. Heart valve disease

18: Aortic stenosis

19: Pulmonary stenosis

20: Subvalvular and supra-ventricular stenosis

21: Mitral stenosis

22: Tricuspid stenosis

23: Aortic regurgitation

24: Mitral regurgitation

- 25: Tricuspid regurgitation**
- 26: Pulmonary regurgitation**
- 27: Multivalvular disease**
- 28: Prosthetic valves**
- 29: Endocarditis**

Part 8. Cardiomyopathies

- 30: Dilated cardiomyopathy**
- 31: Hypertrophic cardiomyopathy**
- 32: Restrictive cardiomyopathy**
- 33: Myocarditis**
- 34: Tako-Tsubo**
- 35: Arrhythmogenic RV cardiomyopathy**

Part 9. Right heart function and pulmonary artery pressure

- 36: RV function**
- 37: Volume overload**
- 38: Pressure overload**

Part 10. Pericardial disease

- 39: Pericardial effusion**
- 40: Constrictive pericarditis**
- 41: Pericardial cysts**
- 42: Congenital absence of pericardium**

Part 11. Cardiac transplants

- 43: Cardiac transplants**

Part 12. Critically ill patients

- 44: Critically ill patients**

Part 13. Congenital Heart Disease

- 45: Pathological intercavity communications**
- 46: Persistent left superior vena cava**
- 47: Ebstein's anomaly**
- 48: Tetralogy of fallot after repair**
- 49: Aortic coarctation**

Part 14. Cardiac masses and potential sources of embolism

- 50: Vegetations**
- 51: Thrombi**
- 52: Cardiac tumours**
- 53: Miscellaneous non-neoplastic intracardiac masses**
- 54: Extracardiac masses**
- 55: Structures mistaken for abnormal cardiac masses**

Part 15. Diseases of the aorta

- 56: Aortic dissection**
- 57: Thoracic aortic aneurysm**
- 58: Traumatic injury of the aorta**
- 59: Aortic atherosclerosis**
- 60: Sinus of valsalva aneurysm**

Part 16. Stress echo

- 61: Procedure guide**
- 62: Dypiridamole**
- 63: Adenosin**
- 64: Diobutamine**
- 65: Stress echo assessment of haemodynamics and valves**

Part 17. Systemic disease and other conditions

- 66: Athlete's heart**
- 67: Heart during pregnancy**
- 68: Systemic diseases**