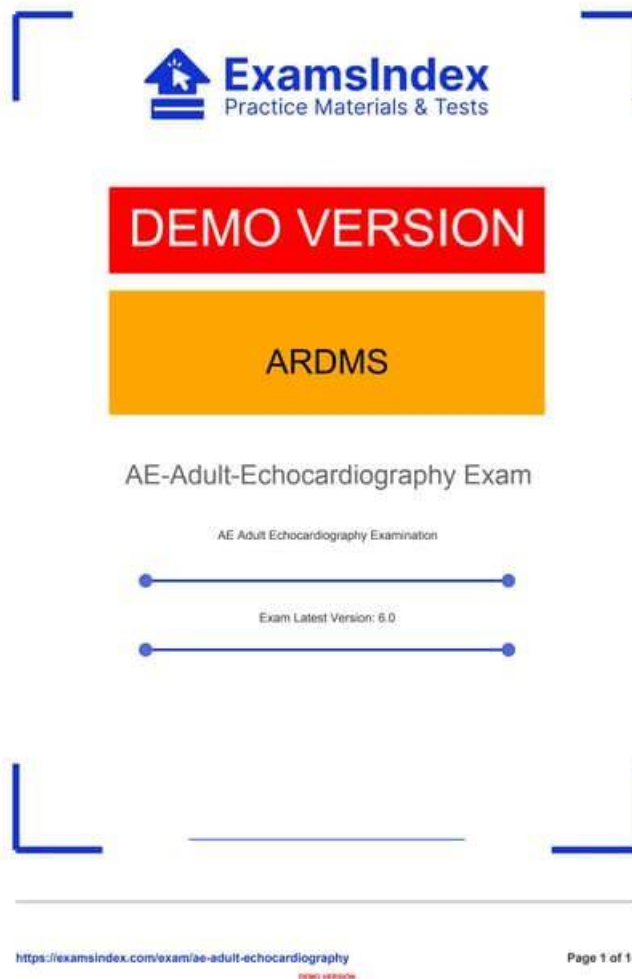


AE-Adult-Echocardiography시험문제모음덤프는PDF, 테스트엔진,온라인버전세가지버전으로제공



그리고 DumpTOP AE-Adult-Echocardiography 시험 문제집의 전체 버전을 클라우드 저장소에서 다운로드할 수 있습니다: <https://drive.google.com/open?id=1jorCF55iHJgigvjPB6I5R-GoORKSIBpC>

ARDMS인증 AE-Adult-Echocardiography시험취득 의향이 있는 분이 이 글을 보게 될것이라 믿고DumpTOP에서 출시한 ARDMS인증 AE-Adult-Echocardiography덤프를 강추합니다. DumpTOP의ARDMS인증 AE-Adult-Echocardiography덤프는 최강 적응율을 자랑하고 있어 시험패스율이 가장 높은 덤프자료로서 뜨거운 인기를 누리고 있습니다. IT인증 시험을 패스하여 자격증을 취득하려는 분은DumpTOP제품에 주목해주세요.

ARDMS AE-Adult-Echocardiography 시험요강:

주제	소개
주제 1	Anatomy and Physiology: This section of the exam measures skills of adult echocardiography technicians and covers knowledge and abilities related to normal cardiac anatomy and physiology. It includes assessing great vessels like the aorta and pulmonary arteries, recognizing anatomic variants of the heart, and evaluating cardiac chambers, pericardium, valve structures, and vessels of arterial and venous return. Candidates must document normal systolic and diastolic function, normal valve function and measurements, the phases of the cardiac cycle, normal Doppler changes with respiration, and appearance of arterial and venous waveforms. This also involves assessing the normal hemodynamic response to stress testing and maneuvers such as Valsalva, respiratory, handgrip, and postural changes.

주제 2	• Clinical Care and Safety: This section of the exam measures skills of adult echocardiography technicians in applying clinical care principles and safety protocols. It includes evaluating patient history and external data, preparing patients including fasting state and intravenous line management, proper patient positioning, EKG lead placement, blood pressure measurement, and ergonomic techniques. Candidates are expected to identify critical echocardiographic findings, know contraindications for procedures, and be able to respond and manage medical emergencies that may arise during echocardiographic exams.
주제 3	• Pathology: This section of the exam measures skills of adult echocardiography technicians and focuses on identifying and evaluating abnormal physiology and perfusion and postoperative conditions. It includes assessment of ventricular aneurysms, aortic and valve abnormalities, arrhythmias, cardiac masses, diastolic dysfunction, endocarditis, ischemic diseases, cardiomyopathies, congenital anomalies, and postoperative valve repair or replacement and intracardiac devices. Candidates must demonstrate ability to recognize abnormal Doppler signals, EKG changes, wall motion abnormalities, and a wide range of cardiac pathologies including pulmonary hypertension and septal defects.
주제 4	• Measurement Techniques, Maneuvers, and Sonographic Views: This section of the exam measures skills of adult echocardiography technicians in performing accurate cardiac measurements, conducting provocative maneuvers, and obtaining optimized sonographic imaging views. It involves applying 2D, 3D, M-mode, and Doppler techniques to measure heart valves, chambers, and vessels, including the aortic valve, mitral valve, left and right ventricles, atria, pulmonary artery, and shunt ratios. Candidates must instruct patients in maneuvers such as Valsalva, cough, sniff, and squat. They should also be proficient in acquiring standard echocardiographic views including apical, parasternal, subcostal, and suprasternal notch views.
주제 5	• Instrumentation, Optimization, and Contrast: This section of the exam measures skills of adult echocardiography technicians related to use and optimization of ultrasound instrumentation and the application of contrast agents. Candidates should recognize imaging artifacts, utilize non-imaging transducers, and adjust ultrasound console settings for optimal imaging and Doppler recordings. Knowledge of harmonic imaging, principles of contrast agents, and the safe and effective use of saline and echo-enhancing contrast agents is essential. Candidates must also be able to optimize images when using contrast agents to ensure diagnostic quality.

>> AE-Adult-Echocardiography시험문제모음 <<

AE-Adult-Echocardiography인기공부자료 & AE-Adult-Echocardiography Dump

ARDMS AE-Adult-Echocardiography 덤프에 대한 자신감이 어디서 시작된것이나고 물으신다면ARDMS AE-Adult-Echocardiography덤프를 구매하여 시험을 패스한 분들의 회소식에서 온다고 답해드리고 싶습니다. 저희ARDMS AE-Adult-Echocardiography덤프는 자주 업데이트되고 오래된 문제는 바로 삭제해버리고 최신 문제들을 추가하여 고객님께 가장 정확한 덤프를 제공해드릴수 있도록 하고 있습니다.

최신 ARDMS RDCS AE-Adult-Echocardiography 무료샘플문제 (Q26-Q31):

질문 # 26

Which type of defect can be seen in this video clip?



- A. Ischemic ventricular septal defect
- B. Coronary artery aneurysm
- C. Tricuspid regurgitation
- D. Pseudoaneurysm of the apex

정답: A

설명:

The echocardiographic video shows a defect in the ventricular septum with left-to-right shunting consistent with an ischemic ventricular septal defect (VSD), a mechanical complication of myocardial infarction. The defect allows blood flow between the left and right ventricles.

Coronary artery aneurysm appears as dilated coronary vessels, not a septal defect. Tricuspid regurgitation involves the right atrioventricular valve and is identified differently. Pseudoaneurysm of the apex is a contained myocardial rupture with narrow neck and does not involve septal communication.

This complication and its echocardiographic features are described in the "Textbook of Clinical Echocardiography, 6e", Chapter on Post-Infarction Mechanical Complications#20:430-435Textbook of Clinical Echocardiography#.

질문 # 27

Which artery is identified by the arrow on this image?



- A. Left subclavian
- B. Left common carotid
- C. Brachiocephalic

- D. Right common carotid

정답: C

설명:

The image is a suprasternal or high parasternal echocardiographic view of the aortic arch and its branches.

The arrow points to the first large branch arising from the aortic arch, which is the brachiocephalic artery (also called the innominate artery). This vessel courses superiorly and bifurcates into the right common carotid and right subclavian arteries.

The left common carotid artery is the second branch from the arch, the left subclavian artery is the third branch, and the right common carotid is a branch of the brachiocephalic artery, not directly off the arch.

This anatomic arrangement and its echocardiographic depiction are well documented in adult echocardiography references and vascular ultrasound guidelines#12:ASE Vascular Imaging Guidelinesp.270-275##16:Textbook of Clinical Echocardiography, 6ep.400-405#.

질문 # 28

When should the left ventricular end-diastolic diameter be measured?

- A. First frame after mitral valve closure
- B. Onset of P wave
- C. Onset of QRS complex
- D. First frame after aortic valve closure

정답: C

설명:

Comprehensive and Detailed Explanation From Exact Extract:

The left ventricular end-diastolic diameter (LVEDD) is measured at end-diastole, which is conventionally defined as the onset of the QRS complex on the electrocardiogram (ECG). This corresponds to the end of ventricular filling and just before ventricular contraction begins.

Measuring LVEDD at this point ensures consistency and accuracy for assessment of ventricular size and function. Measurement at the onset of the P wave would be too early (atrial contraction). The first frame after aortic valve closure corresponds to end-systole, and after mitral valve closure is during systole.

This timing is standard as per guidelines outlined in the "Textbook of Clinical Echocardiography, 6e", Chapter on Cardiac Chamber Quantification#20:60-65Textbook of Clinical Echocardiography#.

질문 # 29

Which adjustment should be made to optimize this video?



- A. Increase compression
- B. Decrease overall gain
- C. Decrease time gain compensation in the far field
- D. Increase time gain compensation in the near field

정답: D

설명:

The echocardiographic image/video shows decreased brightness and penetration in the near field, making the anterior cardiac structures poorly visualized while deeper structures appear brighter. This indicates under-gain in the near field. Increasing the time gain compensation (TGC) in the near field enhances the signal strength of superficial structures without affecting deeper tissues. This adjustment improves image quality by balancing the brightness across the field. Increasing compression or decreasing overall gain would reduce the signal globally and are not specific for near field optimization. Decreasing TGC in the far field would reduce brightness deeper but does not address near-field issues. This principle is outlined in the "Textbook of Clinical Echocardiography, 6e", Chapter on Image Optimization and Technical Settings#20:70-75Textbook of Clinical Echocardiography#.

질문 # 30

Which finding is shown in this image?



- A. Chiari network
- B. Cor triatriatum
- C. Artifact
- D. Left atrial thrombus

정답: A

설명:

The echocardiographic image shows a mobile, highly echogenic, mesh-like structure within the right atrium consistent with the Chiari network. The Chiari network is an embryologic remnant of the right valve of the sinus venosus, appearing as a fenestrated, reticulated membrane that is usually thin and mobile, found near the orifice of the inferior vena cava or the coronary sinus. This structure is benign and often an incidental finding but can be confused with thrombus or atrial tumors. Unlike left atrial thrombus, which appears as a more solid, immobile mass often located in the left atrial appendage, the Chiari network is mobile and located in the right atrium. Cor triatriatum is a rare congenital membrane dividing the left atrium into two chambers and appears differently on echocardiography. Artifact refers to non-anatomic echoes which do not persist or move consistently. Recognition of Chiari network is important to avoid misdiagnosis, and its characteristics are well described in echocardiography literature such as the "Textbook of Clinical Echocardiography" and ASE imaging guidelines #16:Textbook of Clinical Echocardiography, 6ep.400-402##12:ASE Guidelines on Cardiac Massesp.150-155#.

ARDMS인증 AE-Adult-Echocardiography시험은 IT인증자격증중 가장 인기있는 자격증을 취득하는 필수시험 과목입니다. ARDMS인증 AE-Adult-Echocardiography시험을 패스해야만 자격증 취득이 가능합니다. DumpTOP의ARDMS인증 AE-Adult-Echocardiography는 최신 시험문제 커버율이 높아 시험패스가 아주 간단합니다. ARDMS인증 AE-Adult-Echocardiography덤프만 공부하시면 아무런 우려없이 시험 보셔도 됩니다. 시험합격하면 좋은 소식 전해주세요.

AE-Adult-Echocardiography인기공부자료 : <https://www.dumptop.com/ARDMS/AE-Adult-Echocardiography-dump.html>

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