

# AE-Adult-Echocardiography最新試験、AE-Adult-Echocardiography日本語版参考資料

## Revised AE Adult Echocardiography Course

Please Get the Link of the Exam to proceed further - <https://www.educationry.com/?product=pass-ae-adult-echocardiography-certification-exam-educationry>

Are you preparing for the exam? Do you have the plan to study for the exam? Are you going to follow the current syllabus? If so, you are not on track. There are many questions that you should be asking yourself before starting your preparation. The first question should be: What do I want to achieve in this exam? Will this help me get a job or will it just give me another qualification? You should also think about the time and money that you are willing to spend on achieving this goal. If it is important, then why not use some of these resources wisely? You can get access to study material by subscribing to our website and taking advantage of our free practice tests. Before proceeding, one should also see all the essential features offered by us to get the right dumps material and that benefit as well. It includes two very easy format, one is the dumps and the other is the online practice test engine. Both have its importance.

One should have the actual questions and answers that help to get through the exam. For the comfort of the candidate, real questions and answers are provided so that one can easily learn the exam. The practice questions can be easily accessible and one can easily go through such material easily. The best part about the dumps is that one can download it easily anywhere like on a PC, laptop, or even on a smartphone device from where one can even prepare for an Exam when they are outside and away from home. To clear the Exam, one should learn the dumps but it is also very important to enhance confidence and skills. For this purpose one should use the online practice test engine in order to get success. This helps the candidate to get through the exam easily. There is learning mode as well as test mode both of which will help at the same time.

Experts had made the right dumps for the candidate in order to get success in the Exam. One can easily work hard by learning from these dumps and this won't waste time as well. The best thing is that these exam dumps help to clear all the concepts that help the candidate proceed and clear the Exam in no time. Often the syllabus of the Exam gets updated. Because of which the candidate might get in trouble. But we take the responsibility to provide with all the recent information and exam syllabus changes to those who had purchased the dumps for three months. This latest updates will help the candidate to prepare Exam as per the requirement. And with this update one can easily learn the exam.

これは高効率の時代であり、ARDMSおそらくAE-Adult-Echocardiography証明書を通じてのみ競争力を証明する方法が最も簡単です。ただし、他の問題に巻き込まれる可能性があるため、多くの人にとって時間は限られています。MogiExam AE-Adult-Echocardiography学習教材を使用すると、すべての問題が疑いなく簡単に解決されます。信頼できる有効なAE-Adult-Echocardiography試験トレントだけでなく、最も柔軟な学習方法も提供できます。また、他の多くのお客様と同様に、AE Adult Echocardiography Examination試験に合格する必要があることを確認できます。

## ARDMS AE-Adult-Echocardiography 認定試験の出題範囲:

トピック	出題範囲
トピック 1	<ul style="list-style-type: none"><li>• 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.</li></ul>

トピック 2	<ul style="list-style-type: none"> <li>• <b>Instrumentation, Optimization, and Contrast:</b> 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.</li> </ul>
トピック 3	<ul style="list-style-type: none"> <li>• <b>Clinical Care and Safety:</b> 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.</li> </ul>
トピック 4	<ul style="list-style-type: none"> <li>• <b>Pathology:</b> 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.</li> </ul>
トピック 5	<ul style="list-style-type: none"> <li>• <b>Anatomy and Physiology:</b> 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.</li> </ul>

>> AE-Adult-Echocardiography最新試験 <<

## 正確的-権威のあるAE-Adult-Echocardiography最新試験試験-試験の準備方法AE-Adult-Echocardiography日本語版参考資料

ARDMSのAE-Adult-Echocardiography準備トレントを学習する過程でMogiExam、プロセス全体を通してお客様にサービスを提供し、バックオフィススタッフが24時間無料のオンラインコンサルティングを提供します。AE-Adult-Echocardiography学習準備を購入した後、インストールと使用に問題がある場合は、リモートのオンラインガイダンスを提供する専任スタッフがいます。また、AE Adult Echocardiography Examination質問の内容についてご質問がある場合は、お気軽にメールでお問い合わせください。AE Adult Echocardiography Examination最初にお答えできるように最善を尽くします。すべての声について、スタッフは忍耐強く耳を傾けます。使用中に、AE-Adult-Echocardiographyテスト資料に提案を提案することもできます。フィードバックに最も注意を払います。

### ARDMS AE Adult Echocardiography Examination 認定 AE-Adult-Echocardiography 試験問題 (Q34-Q39):

#### 質問 # 34

Which acute disease state is indicated with McConnell's sign?

- A. Libman-Sacks endocarditis
- B. Myocardial infarction
- C. Pulmonary embolism
- D. Aortic dissection

正解: C

解説:

McConnell's sign is an echocardiographic finding characterized by regional right ventricular (RV) dysfunction with akinesia of the mid-free wall but preserved contractility of the apex. This pattern is highly specific for acute pulmonary embolism (PE).

In acute PE, sudden obstruction of the pulmonary artery leads to acute right ventricular pressure overload, causing regional wall motion abnormalities. The sparing of the apex differentiates it from other causes of RV dysfunction such as myocardial infarction. This sign is considered a useful bedside clue in the echocardiographic diagnosis of PE, especially when combined with clinical findings and Doppler evidence of elevated pulmonary pressures.

The sign is described in the "Textbook of Clinical Echocardiography, 6e", Chapter on Acute Right Heart Dysfunction, with reference to McConnell's original description and its clinical significance in acute pulmonary embolism diagnosis#20:340-345Textbook of Clinical Echocardiography#.

質問 # 35

The respirometer should be turned on when assessing which possible disease process(es)?

- A. Mitral regurgitation and stenosis
- B. Ischemic cardiomyopathy
- C. Congestive heart failure
- D. Pericardial effusion and tamponade

正解: D

解説:

A respirometer monitors the respiratory cycle and is essential when evaluating diseases in which respiratory variation affects echocardiographic measurements, such as pericardial effusion and cardiac tamponade. In tamponade, respiratory changes in mitral and tricuspid inflows, as well as variations in inferior vena cava size, are key diagnostic features.

Congestive heart failure, ischemic cardiomyopathy, and mitral valve diseases do not require synchronization with respiration for diagnosis or quantification and are not reliant on respirometer use.

This recommendation is outlined in ASE pericardial disease guidelines and echocardiography procedural protocols#16:Textbook of Clinical Echocardiography, 6ep.280-285##12:ASE Pericardial Disease Guidelinesp.300-305#.

質問 # 36

How is the aorta in a structurally normal heart oriented?

- A. Posterior and to the right of the pulmonary artery
- B. Anterior and to the left of the pulmonary artery
- C. Parallel to the pulmonary artery
- D. Anterior to both the pulmonary artery and the coronary sinus

正解: A

解説:

Comprehensive and Detailed Explanation From Exact Extract:

In a normal heart, the ascending aorta arises from the left ventricle and courses superiorly and posteriorly to the right of the pulmonary artery, which arises anteriorly from the right ventricle. The aorta is positioned posterior and to the right of the main pulmonary artery, reflecting the normal spatial relationship.

The pulmonary artery is anterior and to the left of the aorta, and the coronary sinus lies posteriorly in the atrioventricular groove.

This anatomical relationship is detailed in the "Textbook of Clinical Echocardiography, 6e", Chapter on Cardiac Anatomy and Echocardiographic Landmarks#20:50-55Textbook of Clinical Echocardiography#.

質問 # 37

Mid to distal septal akinesis in post-stress imaging of the apical four-chamber view is suggestive of disease in which coronary artery?

- A. Left anterior descending
- B. Obtuse marginal
- C. Left circumflex
- D. Posterior descending

正解: A

解説:

The mid to distal interventricular septum is supplied predominantly by the left anterior descending (LAD) coronary artery. Post-stress echocardiography showing akinesis or hypokinesis of these segments is highly suggestive of ischemia or infarction in the LAD territory.

The posterior descending artery supplies the inferior wall, the obtuse marginal supplies lateral walls, and the left circumflex supplies lateral and posterior walls.

This coronary artery segmental relationship is a cornerstone of ischemic heart disease evaluation by stress echocardiography and is well documented in ASE guidelines and clinical echocardiography literature#16:

Textbook of Clinical Echocardiography, 6ep.380-385##12:ASE Stress Echocardiography Guidelinesp.300-310#.

### 質問 # 38

What is indicated by the arrow on this video clip?

- A. Moderator band
- B. Chiari network
- C. Eustachian valve
- D. False tendon

正解: A

解説:

The structure indicated by the arrow in the right ventricle is the moderator band. The moderator band is a muscular band of tissue that crosses the right ventricular cavity from the interventricular septum to the anterior papillary muscle. It contains part of the right bundle branch of the conduction system and is a normal anatomical structure identifiable on echocardiography.

False tendons are fibrous or muscular strands within the left ventricle, not the right. The Chiari network is a mobile, net-like structure in the right atrium near the inferior vena cava and atrial septum. The Eustachian valve is a crescent-shaped ridge at the entrance of the inferior vena cava into the right atrium.

The moderator band is important to recognize to avoid misinterpretation as a pathological mass or thrombus.

This is detailed in the "Textbook of Clinical Echocardiography, 6e", Chapter on Right Ventricular Anatomy and Echocardiographic Landmarks#20:150-155Textbook of Clinical Echocardiography#.

### 質問 # 39

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MogiExamのサイトは長い歴史を持っていて、ARDMSのAE-Adult-Echocardiography認定試験の学習教材を提供するサイトです。長年の努力を通じて、MogiExamのARDMSのAE-Adult-Echocardiography認定試験の合格率が100パーセントになっていました。ARDMSのAE-Adult-Echocardiography試験トレーニング資料の高い正確率を保証するために、うちはARDMSのAE-Adult-Echocardiography問題集を絶えずに更新しています。それに、うちの学習教材を購入したら、私たちは一年間で無料更新サービスを提供することができます。

AE-Adult-Echocardiography日本語版参考資料: <https://www.mogixam.com/AE-Adult-Echocardiography-exam.html>

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