

Flashcard Study System for the ARDMS Ultrasound Physics & Instrumentation Exam: Unofficial ARDMS Test Practice Questions & Review for the American ... Diagnostic Medical Sonography Exam (Cards)

By Mometrix Unofficial Test Prep Team for the ARDMS Exam

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*****Ace the ARDMS Ultrasound Physics & Instrumentation Exam and Get the Results You Deserve***** The ARDMS Ultrasound Physics & Instrumentation Exam is a challenging test and your results can make a huge difference when it comes to your future. If you do well on the exam, it can open doors and lead to wonderful opportunities. If you do poorly on the exam, you will find yourself with a lot fewer options. You may have to put your plans for the future on hold, or even give up on them altogether. Preparing for your exam with our ***ARDMS Ultrasound Physics & Instrumentation Exam Flashcard Study System*** can help you avoid this fate and give you a big advantage when you sit down to take the test. Thousands of satisfied customers have relied on Mometrix Flashcards to help them pass their exam, and now you can too. When you study with these flashcards, you'll get an in-depth review of each section on the ARDMS Ultrasound Physics & Instrumentation Exam. **The Sound and the Mechanisms of Sound Generation section covers:**

- Wave equation
- Quantitative properties
- Beam formation

The Sound Propagation, Interaction with Target, and Single Line Reconstruction section covers:

- Effects of Medium/Tissue
- Reflection
- Refraction

The Hardware Controls and Image Features section covers:

- Safety
- Resolution

The Resolution, Beamforming, and the Point Spread Function; the Scattering and Reflection of Sound section covers:

- Rayleigh Tyndall scattering
- Ultrasound beam
- Intensity of sound

The Four Types of Doppler Ultrasound and Sensitivity in Ultrasound section covers:

- Continuous wave
- Pulse wave
- Energy or power Doppler

The Piezoelectricity and the Properties of Acoustic Plane Wave section covers:

- Piezoelectric ceramics
- Wavelength, frequency, and velocity
- Refraction and Snell's Law

The Transducer Efficiency, Bandwidth, Frequency, Beam Spread, and Testing section covers:


- Fraunhofer zone
- Axial resolution
- Digital scan converter


The Color Flow Imaging in Clinical Practice and Creation of the Color Image section covers:

- The meaning of color
- The importance of time
- Multigate Doppler

...and much more! We believe in delivering lots of value for your money, so the ***ARDMS Ultrasound Physics & Instrumentation Exam Flashcard Study System*** is packed with the critical information you'll need to master in order to ace the ARDMS Ultrasound Physics & Instrumentation Exam. Study after study has shown that spaced repetition is the most effective form of learning, and nothing beats flashcards when it comes to making repetitive learning fun and fast.

ARDMS Ultrasound Physics & Instrumentation Exam Flashcard Study System uses repetitive methods of study to teach you how to break apart and quickly solve difficult test questions on the test. Our flashcards enable you to study small, digestible bits of information that are easy to learn and give you exposure to the different question types and concepts. With our flashcards, you'll be able to study anywhere, whenever you have a few free minutes of time. Our company has helped thousands of people achieve their education goals. ***ARDMS Ultrasound Physics & Instrumentation Exam Flashcard Study System*** can help you get the results you deserve.

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Deserve*** The ARDMS Ultrasound Physics & Instrumentation Exam is a challenging test and your results can make a huge difference when it comes to your future. If you do well on the exam, it can open doors and lead to wonderful opportunities. If you do poorly on the exam, you will find yourself with a lot fewer options. You may have to put your plans for the future on hold, or even give up on them altogether. Preparing for your exam with our *ARDMS Ultrasound Physics & Instrumentation Exam Flashcard Study System* can help you avoid this fate and give you a big advantage when you sit down to take the test. Thousands of satisfied customers have relied on Mometrix Flashcards to help them pass their exam, and now you can too. When you study with these flashcards, you'll get an in-depth review of each section on the ARDMS Ultrasound Physics & Instrumentation Exam. **The Sound and the Mechanisms of Sound Generation section covers:**

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- Sales Rank: #1101565 in Books
- Published on: 2013-02-14
- Original language: English
- Number of items: 1
- Dimensions: .30" h x 8.40" w x 10.90" l, .65 pounds
- Binding: Cards
- 175 pages

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Editorial Review

Review

Learn How to Quickly Solve Difficult ARDMS Test Questions

Here's a little "secret" about the American Registry for Diagnostic Medical Sonography (ARDMS) Exam: the ARDMS tests are what we in the test preparation field call "content driven" tests.

While some tests are looking to see what you are ABLE to learn, the purpose of the Abdomen, Adult Echocardiography, Obstetrics and Gynecology, Sonography Principles & Instrumentation, and Vascular Technology Examinations, offered by the American Registry for Diagnostic Medical Sonography (ARDMS), are to test your understanding of what you have already learned. The goal of the ARDMS tests are to use a standardized testing process to create an objective assessment of a test taker's knowledge and skills.

In other words, it's more about **what you know** than your ability to solve clever puzzles. This is good news for those who are serious about being prepared, because it boils down to a very simple strategy:

You can succeed on the ARDMS tests and become a Registered Diagnostic Medical Sonographer (RDMS) by learning critical concepts on the test so that you are prepared for as many questions as possible.

Repetition and thorough preparation is a process that rewards those who are serious about being prepared, which means that succeeding on the ARDMS test is within the reach of virtually anyone interested in learning the material.

This is great news! It means that if you've been worried about your upcoming ARDMS test, you can rest easy IF you have a good strategy for knowing what to study and how to effectively use repetition to your advantage.

But it also creates another set of problems.

If you tried to memorize every single possible thing you can for your ARDMS test, the field of possible things to review would be so huge that you could not hope to cover everything in a reasonable time.

That's why we created the *Flashcard Study System for the ARDMS Certification Exams*: we have taken all of the possible topics and reduced them down to the **hundreds of concepts you must know** and provided an easy-to-use learning method to guarantee success on your ARDMS test.

We wanted this system to be simple, effective, and fast so that you can succeed on your ARDMS test with a minimum amount of time spent preparing for it. --

Here Are Some of the Features of Our *Flashcard Study System for the ARDMS Certification Exams*

- Study after study has shown that repetition is the most effective form of learning- and nothing beats

flashcards when it comes to making repetitive learning fun and fast

- Flashcards engage more of your senses in the learning process- you "compete" with yourself to see if you know the answers to the questions, and the flipping action gets you actively involved in the learning process
- Our cards are printed on heavy, bright white 67 lb. cover stock, and are laser printed at 1200 dpi on our industrial printers- these are professional-quality cards that will not smear or wear out with heavy usage
- We cover the major content areas on the exam
- Our flashcards include an edge that is micro-perforated, which means that you are much less likely to have a painful paper cut on your fingers when moving quickly through the cards
- Our cards are portable, making it easy for you to grab a few and study while waiting for the bus or the doctor, or anywhere where you have a spare moment that would otherwise be wasted
- Our ARDMS test cards are written in an easy to understand, straightforward style - we don't include any more technical jargon than what you need to pass the test
- The cards are a generous size- 3.67 x 4.25 inches- they fit perfectly in your hands and they aren't so small that you have to use a magnifying glass to read tiny type- all questions and answers are in a normal-size print for easy studying
- Our cards include in-depth explanations- you won't see any "one word" answers on our cards that require you to go get a textbook to understand why your answer was wrong- all of our cards include generous, thorough explanations so you not only get it right or wrong- but you also know why!
- We use a font created by Microsoft to make reading easier- this will enable you to absorb more information painlessly during late night study sessions
- Our system enables you to study in small, digestible bits of information- unlike using boring textbooks, flashcards turn learning into a "game" you can play until you've mastered the material
- It's easy for a friend to help you study- they don't even have to know anything about the ARDMS test- if they can read, then they can quiz you with our flashcards!

Now, let us explain what the *Flashcard Study System for the ARDMS Certification Exams* is not. It is not a comprehensive review of your education, as there's no way we could fit that onto a single set of flashcards.

Don't get us wrong: we're not saying that memorization alone will automatically result in a passing ARDMS test score- you have to have the ability to apply it as well. However, without the foundation of the core concepts, you cannot possibly hope to apply the information. After all, you can't apply what you don't know.

Flashcard Study System for the ARDMS Certification Exams is a compilation of the **hundreds of critical concepts you must understand to pass the ARDMS**. Nothing more, nothing less. --

If you think there's even the smallest chance that these flashcards will help you, you owe it to yourself to try them out. Don't let fear or doubt stand in the way of your opportunity to achieve the test score you need to fulfill your dreams.

Users Review

From reader reviews:

Ross Adams:

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Kathryn Cortez:

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