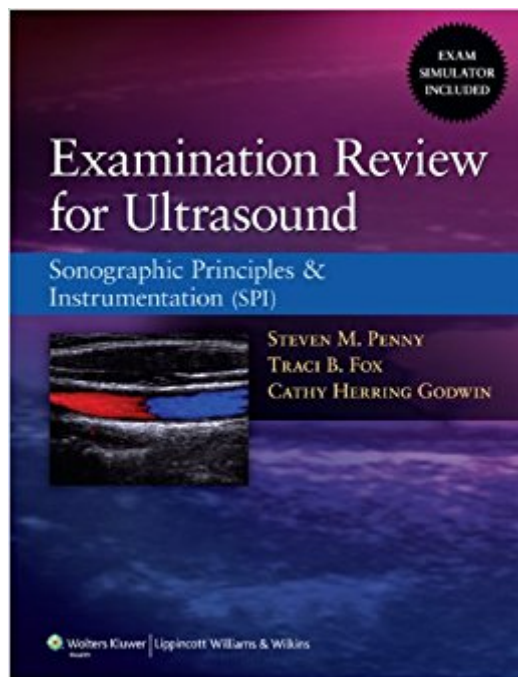


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# Examination Review For Ultrasound: Sonography Principles & Instrumentation



## Synopsis

Introducing an ideal resource for students and sonographers preparing to sit for the Sonography Principles and Instrumentation (SPI) examination offered by the ARDMS (American Registry for Diagnostic Medical Sonography) sonography credential granting organization. A narrative style exam review, this resource is ideal for ultrasound programs requiring a certification review manual for either a review course or for use throughout the curriculum, as well as for any professional preparing for certification. With content based on current exam formats, this book will help students identify strengths, assess and overcome weaknesses, and ace the test. The companion website includes an online exam simulation, with hundreds of additional questions, based on the content outline of the Sonography Principles and Instrumentation offered by the ARDMS.

## Book Information

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## Customer Reviews

This book is a review of ultrasound physics and instrumentation for the ARDMS SPI examination. It contains easy-to-read narrative, summary boxes, sonographic images, review questions at the end of each chapter, and a 120 question registry review at the end of the book with rationales. Additionally, there is an online component which consists of over 300 more mock registry review questions with rationales, powerpoints (for instructors), and an image bank.

Steven M. Penny, MA, RT(R), RDMS is an author, educator, registered radiographer (ARRT), and registered sonographer (ARDMS). His specialties in sonography include Abdomen, Obstetrics &

Gynecology, and Pediatrics. Steven is currently the Lead Instructor for the Medical Sonography program at Johnston Community College in Smithfield, North Carolina. Traci B. Fox, MS, RT(R), RDMS, RVT, is Assistant Professor and Clinical Coordinator, Diagnostic Medical Sonography Program, Thomas Jefferson University School of Health Professions, Philadelphia, Pennsylvania.

I recently passed the SPI on my first try. The procrastinator I am, I have been out of school for 5 years, so I had to somewhat "relearn" physics. This book prepared me well. I did purchase two hours of the X-Zone, but that did not seem to help as much. You have to really understand the principles of physics to pass this test, and this book does a good job spelling it all out for you. There are helpful practice exams after each chapter. You also get access to an online practice exam, which I thought was too simplified as compared to the actual registry.

Hands down the only book you will need to pass the SPI exam. There was so much pressure for me when I took this exam. I was being hired by two hospitals and needed to pass this test in order to be RDCS (and get hired). I took the exam today after having been out of school for 10 years (and forgetting everything physics) and PASSED. I only had a week and three days to learn the entire book and trust me, the authors made the subject so much easier to understand than Sydney Edelman. The authors covered everything that I came across in the exam, even 3D imaging. The trick to this book is to do the practice test after every chapter, you will quickly see the areas you are having a hard time with. Passing the exam wasn't easy but this was the only book that helped me.

I just finished my test this morning and scored 644. I did not have any guided training for this test and so needed a book that would be fairly comprehensive and yet easy to learn from. This book is about 190 pages or so and is very easy to read. I did not find myself overwhelmed or bored, nor was it too wordy. The diagrams, pictures, etc are all easy to understand and augment the points being made in the text. The questions at the end of the chapter reinforce the concepts and key points from the chapter; they are slightly easier than the actual examination but it is not a huge difference. For me at least, this book (read it twice) in conjunction with the ARDMS provided practice tests (\$25) and reviewing the semi interactive questions was enough. Things went really quite smoothly. I will definitely be using Steven Penny's book for the abdomen preparation too. Good luck!

I purchased this book as a requirement for my physics review course. It has been my primary study tool for the spi exam along with Edelman. It was also reasonably priced and shipped immediately,

definitely beats the book store.

This is a fantastic review book! Physics is a complex subject but the concept in this book is broken down in an easy to read form. The pictures are very helpful in understanding the material further. There are tables throughout each chapter that highlight important key points remember. There are 50 multiple choice questions for review after each chapter and exams online to practice with. In addition, there are color plates online to help with the understanding of the direction of blood flow. I was very surprised with as small as this book is, but it's very thorough and completely followed the course objectives for my physics class. This is my number one resource for the SPI exam and recommend it to everyone!

Used this book as my second review material after I used Edelman the first time alone I failed. But buying this book and getting another view helped a lot. Thanks to Penny! I bought his abdomen and OB book as well.

can't say enough about this book! if you are studying US physics you need this. My teacher does not explain things so well. The textbook we use is quite good but this is even better. It is nice to have 2 sources of info. This does an excellent job of putting these concepts into easy to understand ways by using basic analogies. Got it today and have been studying for 2 hours and love it.

I passed SPI exam at the first try and I spent only two and a half weeks studying. It is an excellent review book with main focus points... Have been RDCS for over 15 years and this book which was written by sonographers made so much easier for me to study; to understand the concepts... Thank you team.

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