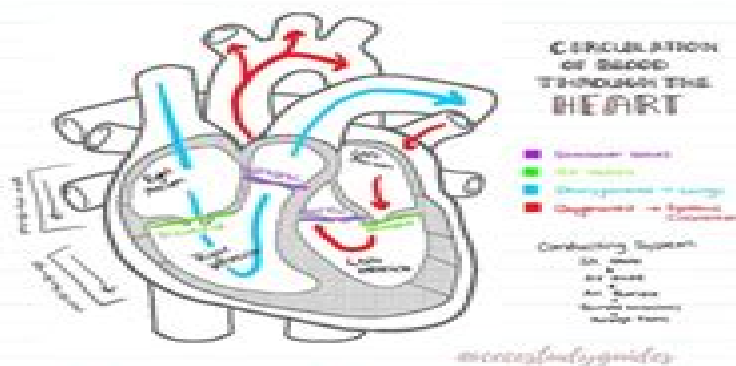


# CARDIAC DISORDERS

P = Pathophysiology  
R = Risk Factors  
S/sx = Signs & Symptoms  
Dx = Diagnosis  
N = Nursing Interventions  
C = Complications



## Heart Sounds

- S<sub>1</sub> - AV valves close - Heard at Apex
  - S<sub>2</sub> - Semilunar valves close - Heard at Base
  - S<sub>3</sub> - Heard in Heart Failure or regurgitation
  - S<sub>4</sub> - Heard in resistance w/ ventricular filling
- Normal: S<sub>1</sub>, S<sub>2</sub>  
 Abnormal: S<sub>3</sub>, S<sub>4</sub>

## Cardiac Output & BP

- ↓ Blood Volume = ↓ Blood Pressure
- ↓ Blood Pressure = ↑ HR
- ↑ HR = ↓ Cardiac Output

## Aortic Aneurysm

- P: Stretching of the medial wall of an artery caused by vessel weakness
- S/sx: Thoracic - neck, shoulder, back pain, HR, dyspnea  
 Abdominal - pulsating mass in abdomen, abd. back pain  
 Ruptured - severe abd. back pain, shock, ↓ BP
- Dx: Ultrasound, CT scan, arteriography
- N: Monitor vitals, check peripheral pulses, assess for abdominal tenderness, Ask pt if abdominal or back pain is present

## Coronary Artery Disease

- P: Narrowing or obstruction of a coronary artery due to plaque buildup / atherosclerosis
- Dx: ECG, catheterization, blood lipids
- N: Educate about ↓ kcal/fat, ↑ fiber diet & exercise
- C: ↓ perfusion, HTN, angina, MI



## Heart Failure

- P: The heart can no longer pump enough blood to perfuse the tissues adequately
- S/sx:
 

<b>Left sided</b> - pulmonary congestion - tachypnea - ↑ Blood Pressure	<b>Right sided</b> - peripheral edema - jugular distention - splenomegaly
--	--
- N:
  - Educate about a low sodium low fat diet
  - Instruct the client to weigh themselves daily + report any changes of more than 2 lbs
  - Educate about fluid restriction + safe exercise

## Cardiogenic Shock

- P: Reduced cardiac output and tissue perfusion. Usually caused by a coronary artery blockage
- S/sx: Hypotension, pallor, tachy, disorientation, chest pain, cool, clammy skin
- N: Administer O<sub>2</sub>, morphine sulfate, as ordered. Prep for intubation. Monitor blood gas levels

# Cardiology Study Guide

**Douglas Martin, Douglas Martin Msn  
Rn**



## **Cardiology Study Guide:**

**Nuclear Cardiology Study Guide** Andrzej Moniuszko, B. Adrian Kesala, 2013-10-19 This book presents a comprehensive review of nuclear cardiology principles and concepts necessary to pass the Nuclear Cardiology Technology Specialty Examination The practice questions are similar in format and content to those found on the Nuclear Medicine Technology Certification Board NMTCB and American Registry of Radiological Technologists ARRT examinations allowing test takers to maximize their chances of success The book is organized by test sections of increasing difficulty with over 600 multiple choice questions covering all areas of nuclear cardiology including radionuclides instrumentation radiation safety patient care and diagnostic and therapeutic procedures Detailed answers and explanations to the practice questions follow It also includes helpful test taking tips Supplementary appendices include commonly used abbreviations and symbols in nuclear medicine glossary of cardiology terms and useful websites Nuclear Cardiology Study Guide is a valuable reference for nuclear medicine technologists nuclear medicine physicians and all other imaging professionals in need of a concise review of nuclear cardiology

**Cardiology Board Review and Self-Assessment: A Companion Guide to Hurst's the Heart** Mark Eisenberg, Jonathan Afilalo, Jacqueline Joza, Ravi Karra, Patrick Lawler, 2018-08-22 GAIN A GREATER UNDERSTANDING OF CARDIOVASCULAR MEDICINE AND SHARPEN YOUR BOARD PREPARATION SKILLS WITH THE ONLY REVIEW BASED ON THE CONTENT OF HURST S THE HEART Cardiology Board Review and Self Assessment is an all inclusive study guide and learning tool written to complement the Fourteenth Edition of Hurst s the Heart the field s cornerstone text and the resource considered by many to be the pinnacle of cardiovascular knowledge Cardiology Board Review and Self Assessment contains more than 1 100 carefully selected questions and answers presented in multiple choice format Each of the 112 chapters of Hurst s the Heart is represented in this unique review with ten multiple choice questions Detailed answers are provided for each question including not only an explanation of why the correct answer is correct but also why the incorrect answers are incorrect HERE S WHY THIS IS THE ULTIMATE BOARD REVIEW AND CARDIOLOGY LEARNING TOOL Questions and answers correspond to appropriate sections of Hurst s the Heart and include valuable tables figures images and references The more than 1 100 Q A span the depth and breadth of the entire field of cardiovascular medicine High yield material is specifically selected for Board relevance Includes content based on ACC AHA and ESC guidelines Cardiology Board Review and Self Assessment A Companion Guide to Hurst s the Heart is essential reading for anyone preparing to take the Subspecialty Examination in Cardiovascular Disease given by the Board of Internal Medicine as well as practicing cardiologists preparing for recertification It is also of value to medical students residents fellows practicing physicians and other healthcare professionals who wish to expand their knowledge of cardiovascular medicine

*Cardiology Study Guide : a Self-directed Learning Package* Budgell, Lynn, St. Joseph's Hospital (Chatham, Ont.), 1987

*The Complete Guide to ECGs* James H. O'Keefe (Jr.), Stephen C. Hammill, Mark S. Freed, 2019-11-27 The Complete Guide to ECGs is ideal for physicians

physicians in training and other medical professionals and is the perfect study guide for the American Board of Internal Medicine ABIM Cardiovascular Disease or Internal Medicine Board Exams MGH Cardiology Board Review Hanna K. Gaggin, James L. Januzzi Jr., 2020-11-11 This comprehensively revised new edition prepares the reader for the cardiology board examination as well as provide a concise review of the essentials of general cardiology and the less common but clinically relevant topics in a dynamic and time efficient manner augmenting existing learning It uses board style questions and answers at the end of each topic enabling readers to test their learning and commit key concepts to long term memory Instructive figures and tables are used to consolidate teaching points This book also contains practical tips from recent board exam takers and other resources in order to make best use of the reader s limited time In the MGH Cardiology Board Review the Editors have compiled the expertise of over 60 experienced authors in a succinct volume applying methods thoroughly tested in Board Review In addition two very important sections on ECGs and images are included contents of which are derived from the board examination answer keys the very ones that readers are expected to know Plans on how to best approach board examination preparation and what additional resources to go to are provided In short this book has all the strengths to ensure your success on the boards exam **Cardiology: Smart Study Guide** Saif ul Islam, MD., R.Ph., BCPS, 2025-04-30 Comprehensive yet Concise Covers the most up to date clinical information in cardiology including pharmacology pharmaceutics dosing and practical knowledge High Yield practical Designed for use in clinical settings presenting information in a easy to remember format Tailored for students residents Ideal for medical pharmacy and nursing students as well as residents seeking a quick and effective resources Beyond Standard Textbooks Include valuable clinical insights and practice pearls not commonly found in traditional medical textbooks Active Learning Approach Features chapters based questions and answers to reinforce knowledge and deepen understanding Visual Learning Aids Provides essential diagrams and references to online image libraries for enhanced comprehension **Cardiology Study Guide: Concise Information That Every Med Student, Physician, NP, and PA Should Know** J. T. Thomas, 2015-04-11 Just the facts are included in this book This is the perfect text if you are looking for a quick review of the information you need to know about medicine This rapid access information won t Waste your time This Internal Medicine Study Guide has distilled the key details down to the concise facts that you will understand and remember This Cardiology Study Guide is an ideal resource for medical students and anyone who wants to Understand more about internal medicine This book quickly reviews the information about the most common cardiology questions and answers Did you know the exam findings of left heart failure include S3 gallop and an S4 gallop The Valsalva maneuver will increase the murmur of obstructive cardiomyopathy Mitral valve prolapse and hypertrophic obstructive cardiomyopathy are two cardiac murmurs increase with the Valsalva maneuver The Cardiology Study Guide will present this information and the other key details about Cardiology in a way that you will find useful for patient care clinical rotations and board review Buy this book now if you want this quick

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