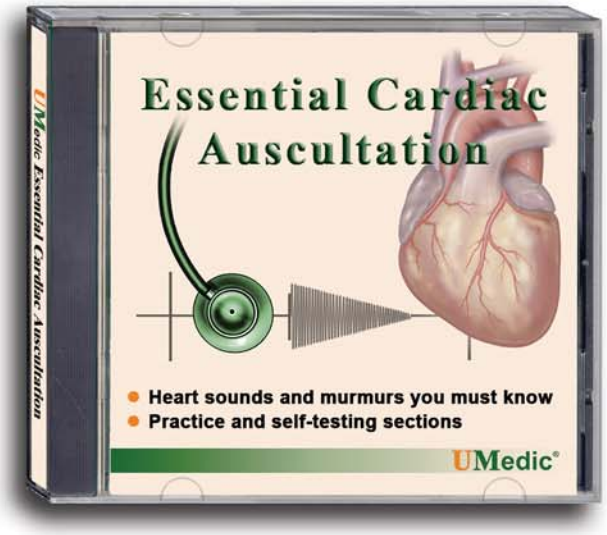
Essential Cardiac Auscultation

A SINGLE FOCUSED SOURCE TO LEARN THE MOST IMPORTANT CARDIAC AUSCULTATORY FINDINGS - "THE BIG 12"

NOW OFFERED IN A WEB-BASED FORMAT

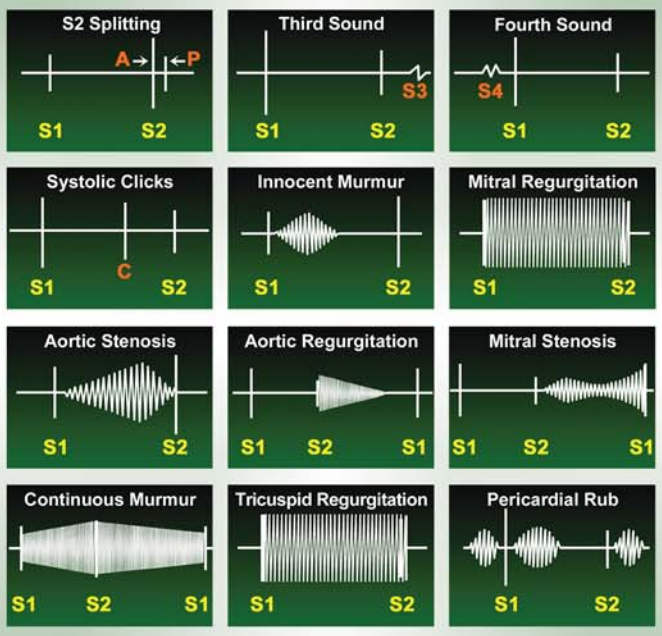


Findings are presented using Harvey® The Cardiopulmonary Patient Simulator

ESSENTIAL CARDIAC AUSCULTATION:

- Created in Response to Learner Needs and Requests
- Teaches Cardiac Auscultation and Pathophysiology
- Tested at Multiple Medical Centers throughout the Curriculum
- Trains Students, Residents, Physicians, Physician Assistants, Nurses and Nurse Practitioners
- Cost-effective - Saves Faculty Time
- Accessible on PC or Mac

"THE BIG 12"



Selected from national surveys of Program Directors and findings emphasized by the Certification Boards

CONTRIBUTORS - Cardiologists and Educators from:

Miami ♦ Arizona ♦ Chicago ♦ Dundee ♦ Duke ♦ Emory ♦ Florida ♦ Illinois ♦ Iowa ♦ Mayo ♦ Northwestern

UNIVERSITY OF MIAMI
MILLER SCHOOL of MEDICINE

Gordon Center for Research in Medical Education

Saving Lives Through Simulation Technology®

For a demonstration of Essential Cardiac Auscultation, visit our website: www.gcrme.miami.edu

Contact us for information on how you can acquire Essential Cardiac Auscultation

Phone: 305-243-6491 ♦ Fax: 305-243-6136 ♦ Email: umedic@gcrme.med.miami.edu

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CONTENTS

ORIENTATION SECTION
Reviews goals and approach to cardiac auscultation

LEARNING SECTION
Presents findings on Harvey®, The Cardiopulmonary Patient Simulator

PRACTICE SECTION
Allows repetitive practice of all findings at different heart rates

SELF-TESTING SECTION
Provides immediate feedback and a summary of findings to review

SPECIAL FEATURES

- Interactive case-based presentations
- Correlation of findings with pressure and volume curves
- Graphic animations of auscultatory findings
- Learner involvement by mimicking heart sounds and murmurs

PROGRAM OUTLINE

Lesson Menu Practice Testing Quit II▶

Orientation
- Goals / "The Big 12"
- How to Learn Skills

Heart Sounds
- "Harvey" and "S1-S2"*
- 2nd Sound Splitting*
- 1st Sound Splitting*
- Third Sound*
- Review of Normal Patient*
- Fourth Sound*
- DDx - S4 + S1 vs. Split S1*
- Systolic Click(s)
- Review of Heart Sounds*

Murmurs
- Innocent Murmur*
- Mitral Regurgitation*
- Aortic Stenosis
- Aortic Regurgitation
- Mitral Stenosis
- Review of 4 Murmurs
- Continuous Murmur
- Tricuspid Regurgitation
- Pericardial Rub

Practice*

Self-Testing*

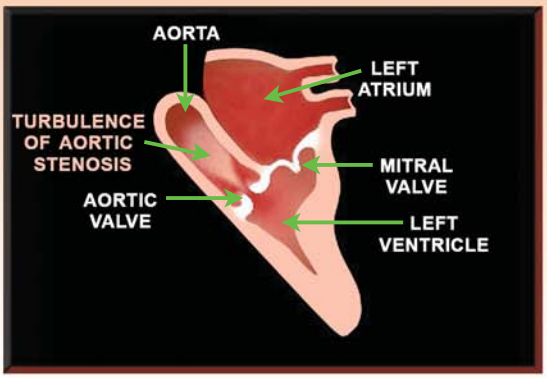
Conclusions*

"The Big 12" Findings Are Underlined

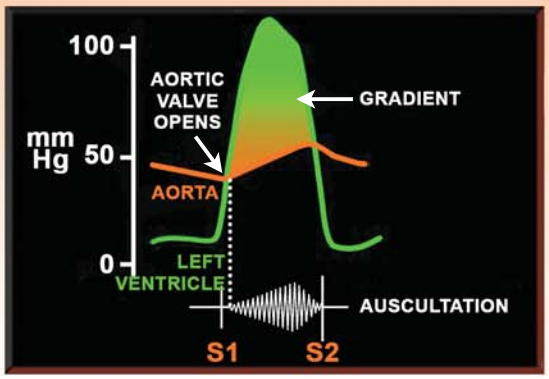
Note: The Basic Nurses Version includes the components with an asterisk.

SAMPLE CONTENT FROM AORTIC STENOSIS

Animation Correlated with Auscultation



Pressure Curve Correlated with Auscultation



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