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

- S2 Splitting
- Third Sound
- Fourth Sound
- Systolic Clicks
- Innocent Murmur
- Mitral Regurgitation
- Aortic Stenosis
- Aortic Regurgitation
- Mitral Stenosis
- Continuous Murmur
- Tricuspid Regurgitation
- Pericardial Rub

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

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
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

<table>
<thead>
<tr>
<th>Lesson</th>
<th>Menu</th>
<th>Practice</th>
<th>Testing</th>
<th>Quit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orientation</td>
<td>Goals / &quot;The Big 12&quot;</td>
<td>How to Learn Skills</td>
<td>Heart Sounds</td>
<td>Murmurs</td>
</tr>
<tr>
<td>“Harvey” and “S1-S2”*</td>
<td>2nd Sound Splitting*</td>
<td>1st Sound Splitting*</td>
<td>Third Sound*</td>
<td>Innocent Murmur*</td>
</tr>
<tr>
<td>Review of Normal Patient*</td>
<td>Fourth Sound*</td>
<td>DDX - S4 + S1 vs. Split S1*</td>
<td>Systolic Click(s)</td>
<td>Mitral Regurgitation*</td>
</tr>
<tr>
<td>Review of Heart Sounds*</td>
<td>“The Big 12” Findings Are Underlined</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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