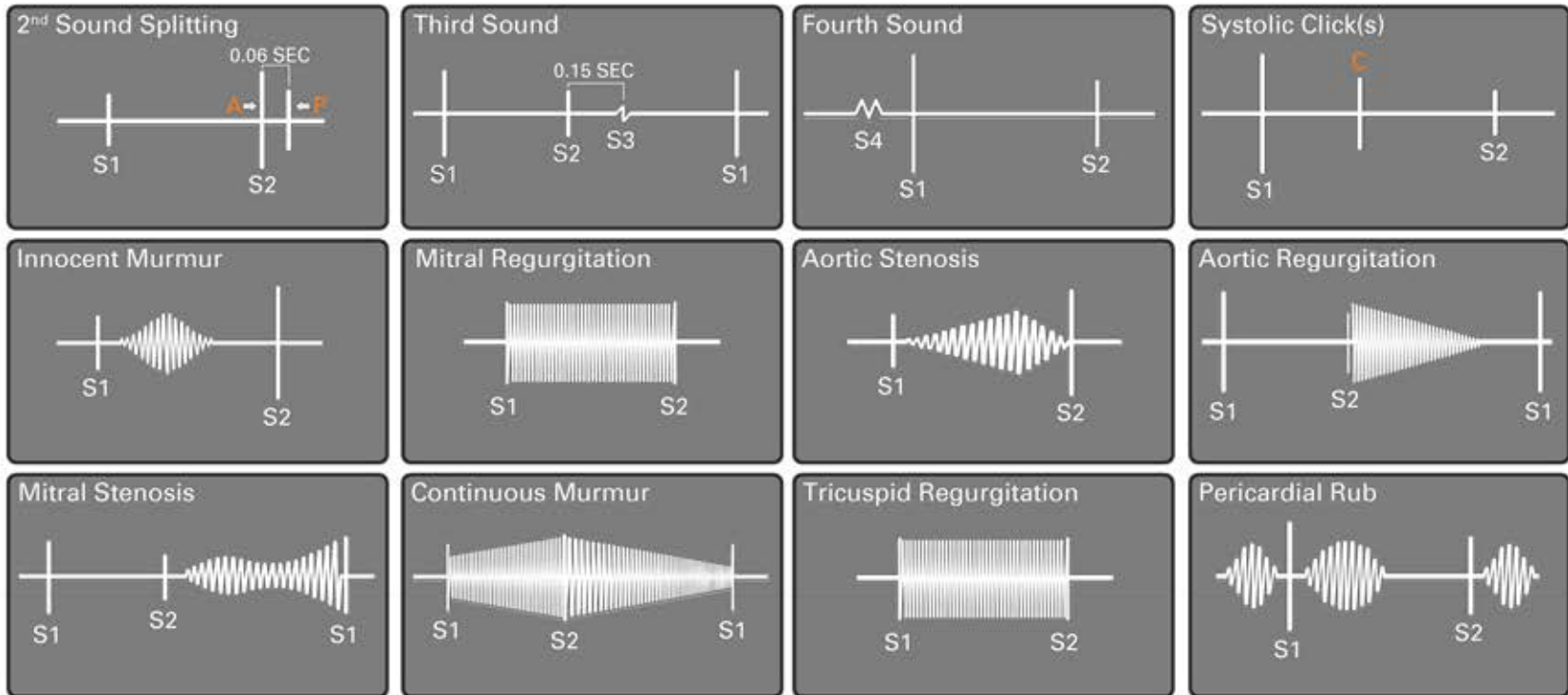


# Essential Cardiac Auscultation

A single focused source to learn the most important cardiac auscultatory findings - "The Big 12"

Now offered in a web-based format



"The Big 12" - Selected from national surveys of program directors and findings emphasized by certification boards

## 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 and Mac



Findings are presented using Harvey, The Cardiopulmonary Patient Simulator

## 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 presentation
- Correlation of findings with pressure and volume curves
- Graphic animations of auscultatory findings
- Learner involvement by mimicking sounds and murmurs

## Program Outline



### Orientation

Goals / "The Big 12"  
How to learn skills

### Heart sounds

"Harvey" and "S1-S2" \*  
2<sup>nd</sup> sound splitting\*  
1<sup>st</sup> sound splitting  
Third sound\*  
Review of normal patient\*  
Fourth sound\*  
DDx - S4 + S1 vs Split S1\*  
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

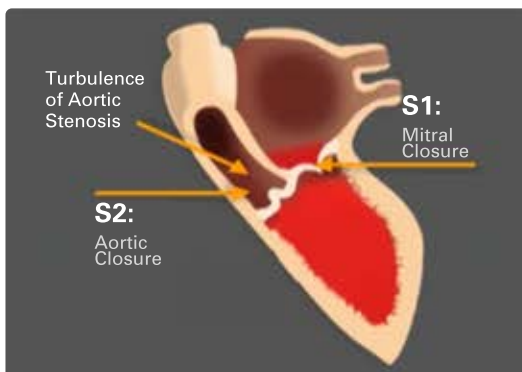
### Practice\*

### Self-Testing\*

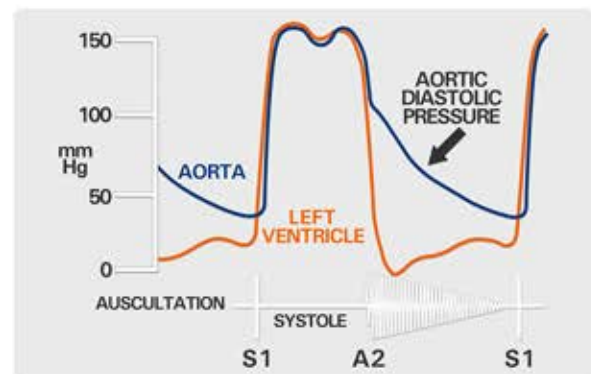
### Conclusions\*

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