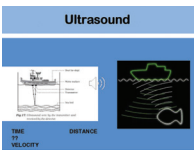
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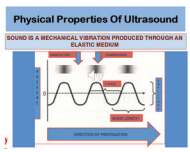
Echo Physics—The Basics 1



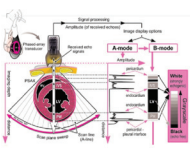
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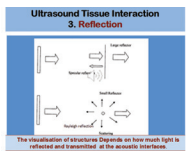
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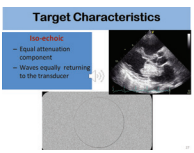
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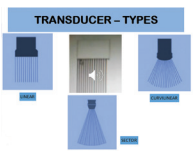
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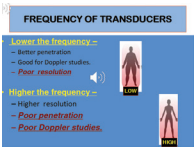
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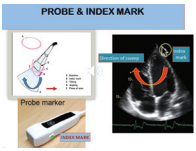
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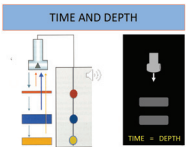
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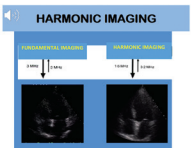
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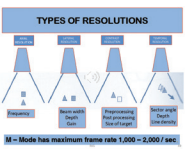
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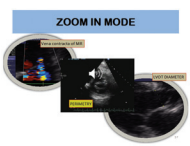
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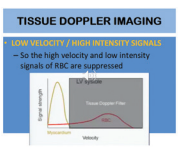
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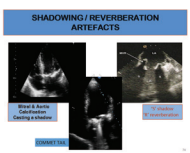
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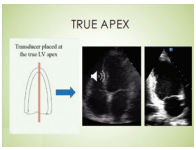
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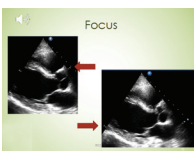
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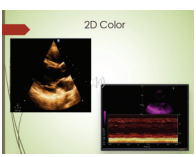
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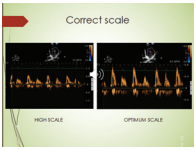
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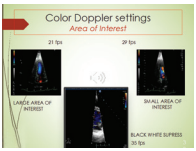
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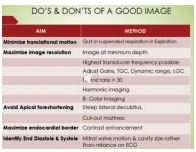
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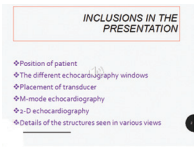


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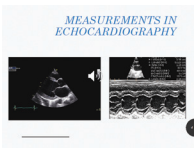


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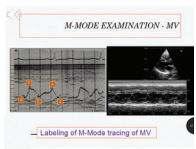
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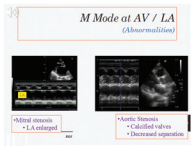
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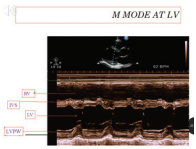
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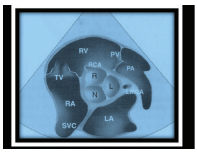
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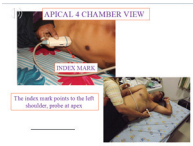
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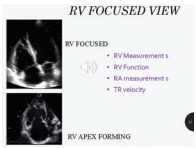
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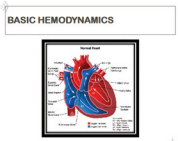


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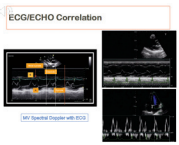


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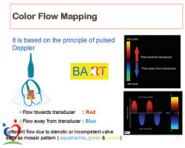
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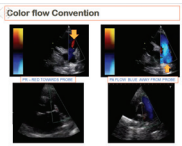
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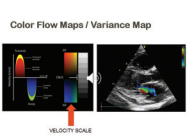
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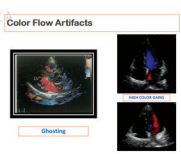
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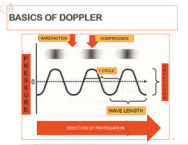
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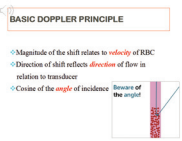
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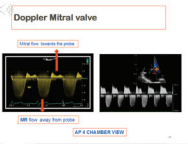
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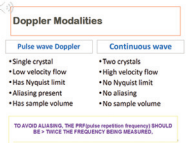
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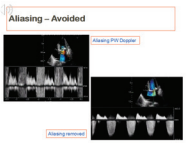
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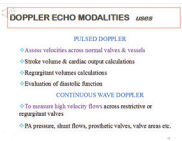
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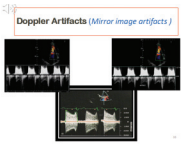
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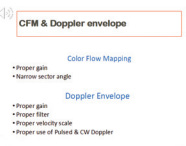
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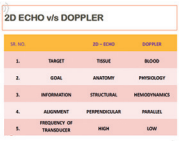
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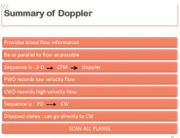
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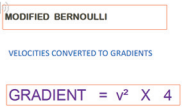
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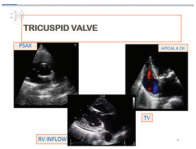
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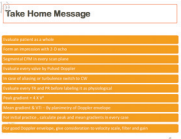
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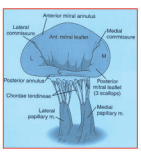


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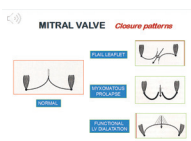


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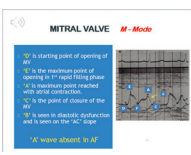
Mitral Valve and Mitral Stenosis 13



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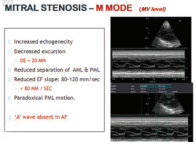
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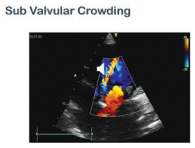
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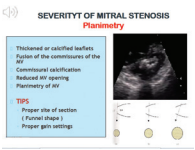
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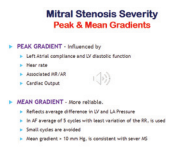
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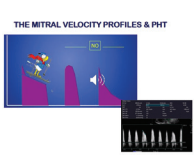
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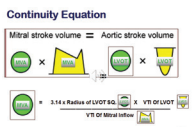
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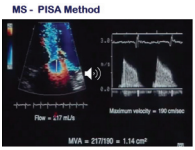
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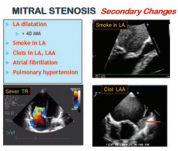
Slides 32 to 37



Slides 38 to 40



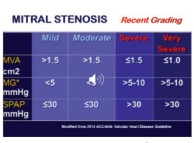
Slides 41 and 42



Slides 43 and 44



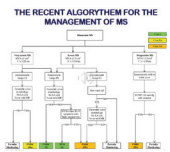
Slides 45 to 47



Slides 48 to 53

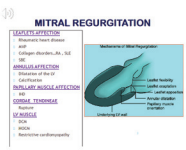


Slides 54 to 60



Slides 61 and 62

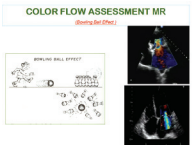
Mitral Regurgitation 16



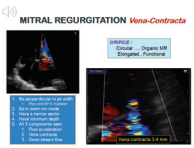
Slides 1 to 4



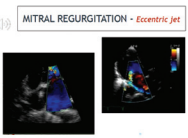
Slides 5 and 6



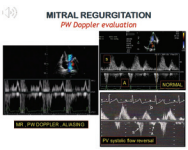
Slides 7 to 11



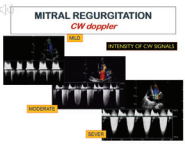
Slides 12 and 13



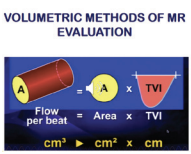
Slides 14 to 16



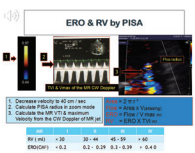
Slides 17 to 20



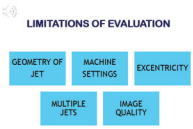
Slides 21 to 23



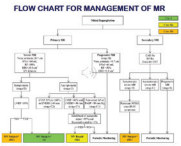
Slides 24 to 27



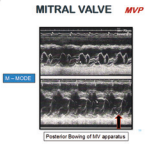
Slides 28 to 30



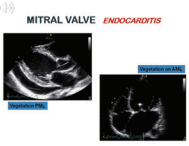
Slides 31 to 33



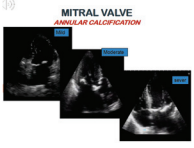
Slide 34



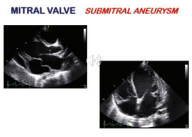
Slides 35 to 40



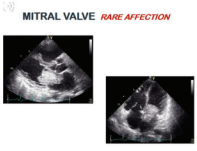
Slides 41 to 44



Slides 45 to 47



Slides 48 and 49



Slides 50 to 52

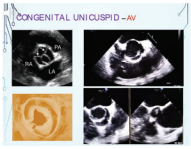
Aortic Valve and Aortic Stenosis 19



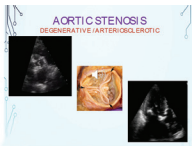
Slides 1 to 6



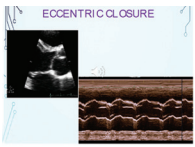
Slides 7 to 9



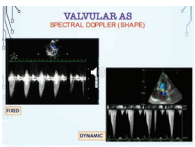
Slides 10 to 16



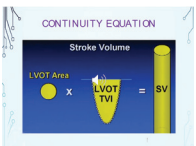
Slides 17 to 19



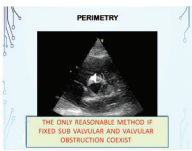
Slides 20 to 23



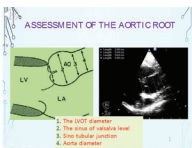
Slides 24 to 29



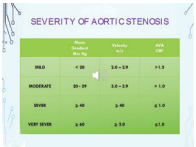
Slides 30 to 37



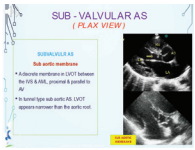
Slides 38 to 41



Slide 42



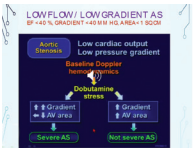
Slides 43 to 46



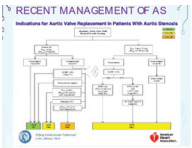
Slides 47 to 49



Slides 50 to 54

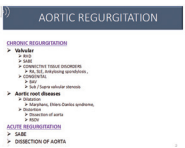


Slides 55 to 58

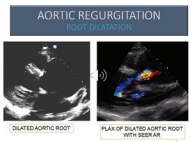


Slides 59 and 60

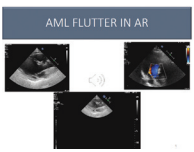
Aortic Regurgitation 22



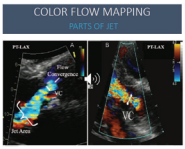
Slides 1 and 2



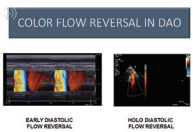
Slides 3 to 8



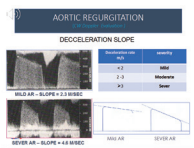
Slides 9 to 12



Slides 13 to 18



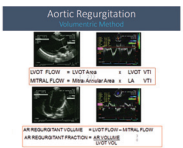
Slides 19 and 20



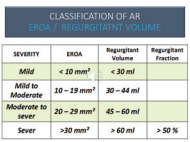
Slides 21 to 26



Slides 27 and 28

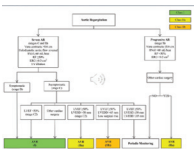


Slides 29 to 33



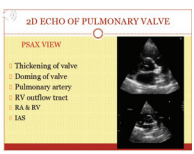
SEVERITY	EROA	Regurgitant Volume	Regurgitant Fraction
Mild	*< 10 mm²*	*< 30 ml*	
Mild to Moderate	*10 – 19 mm²*	*30 – 44 ml*	
Moderate to sever	*20 – 29 mm²*	*45 – 60 ml*	
Sever	*>30 mm²*	*> 60 ml*	*> 50 %*

Slide 34

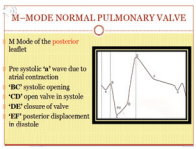


Slides 35 and 36

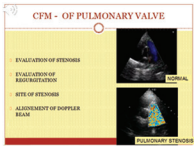
Pulmonary Valve **24**



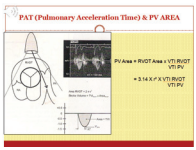
Slides 1 to 5



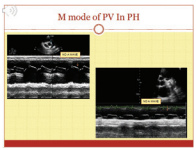
Slides 6 and 7



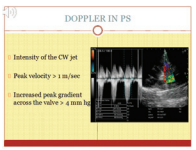
Slide 8



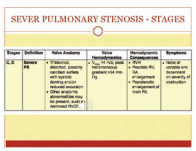
Slides 9 and 10



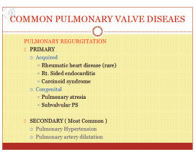
Slides 11 to 15



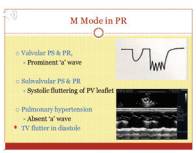
Slides 16 to 18



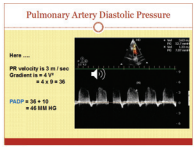
Slide 19



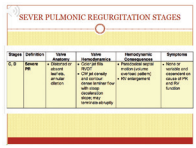
Slides 20 and 21



Slides 22 to 24

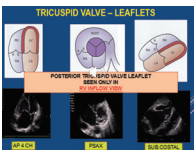


Slides 25 to 27

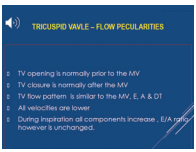


Slides 28 and 29

Tricuspid Valve 26



Slides 1 to 6



Slide 7



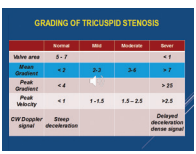
Slide 8



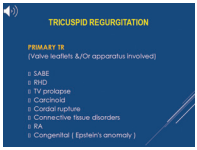
Slides 9 to 11



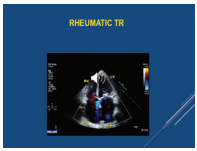
Slides 12 to 14



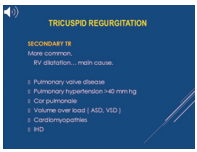
Slides 15 and 16



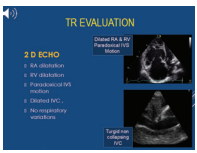
Slides 17 and 18



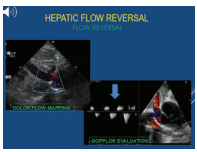
Slides 19 to 23



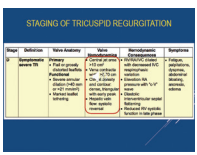
Slide 24



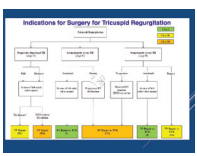
Slides 25 to 28



Slides 29 and 30

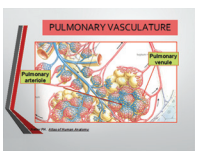


Slides 31 to 34

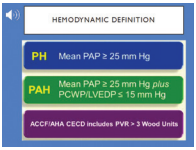


Slides 35 and 36

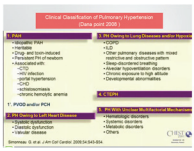
Pulmonary Hypertension 29

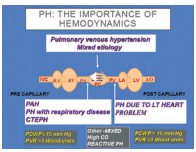


Slides 1 to 3

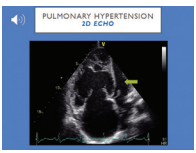


Slides 4 to 6

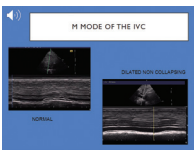

Slide 7



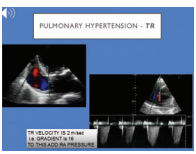
Slide 8



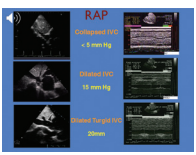
Slides 9 to 14



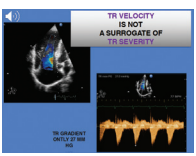
Slides 15 to 17



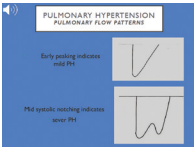
Slides 18 to 22



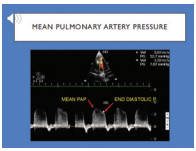
Slides 23 to 27



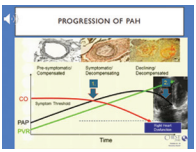
Slide 28



Slides 29 to 31



Slides 32 to 34



Slides 35 and 36