M-mode Echocardiography

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ASE Board Review Course
No Relevant Disclosures
A 52 year old man referred by PCP for a murmur

What is a possible associated diagnosis?

1. Primum ASD
2. Aortic coarctation
3. Pulmonary valve stenosis
4. Ectopic lens
Poll: A 52 year old man referred by PCP for a murmur. What is a possible associated diagnosis?
A 49 year old woman is in cardiogenic shock

What is the most likely diagnosis?

1. LBBB
2. Severe MR
3. Severe AR
4. None of the above
Poll: A 49 year old woman is in cardiogenic shock. What is the most likely diagnosis?
What is the most likely diagnosis?

1. Severe MR
2. Severe TR
3. LBBB
4. CP
5. Severe AR
Poll: What is the most likely diagnosis?
Feigenbaum: Echocardiography

4th Edition 1986
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Bicuspid Aortic Valve

PLAX View – Doming

Diastole

Systole
Bicuspid Aortic Valve

PSAX view morphology

Diastole

Systole

Systolic ellipsoidal orifice identifies as bicuspid
Raffi
the singable songs collection

3 CD Albums!
- Singable Songs for the Very Young
- More Singable Songs
- Corner Grocery Store
R-L 86%

L-N 3%

R-N 12%
Aortic Valve:
Other Anomalies associated with AS

Unicuspid AoV

Quadracuspid AoV
MR images courtesy J Gonzalez M Salerno UVa
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Poll: A 49 year old woman is in cardiogenic shock. What is the most likely diagnosis?
Improved temporal resolution
2D echo  50 Hz
M mode    1000 Hz
SAM complicating Tako tsubo CM
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Pre/Post Comparison: A 52 year old man referred by PCP for a murmur. What is a possible associated diagnosis?
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Pre/Post Comparison: What is the most likely diagnosis?