

It's The Heart!

Why Echo Matters For Stroke Evaluation

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DISCLOSURE

NOTHING TO DISCLOSE

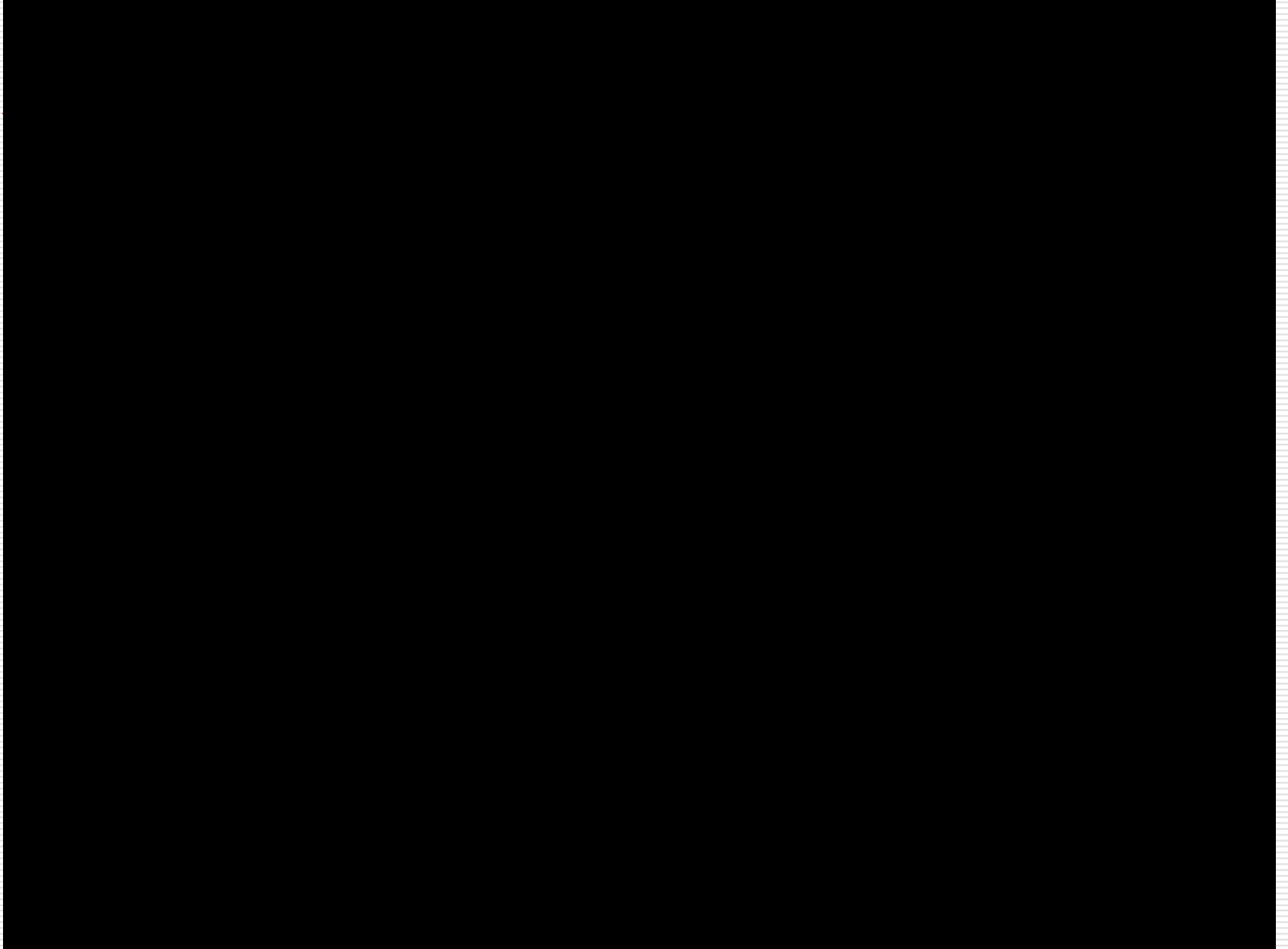
From The Heart

- Stroke, which is almost 90% ischemic in nature, is a leading cause of mortality and long-term disability worldwide.
 - Most cryptogenic ischemic strokes have embolic features suggesting a possible cardiac origin.
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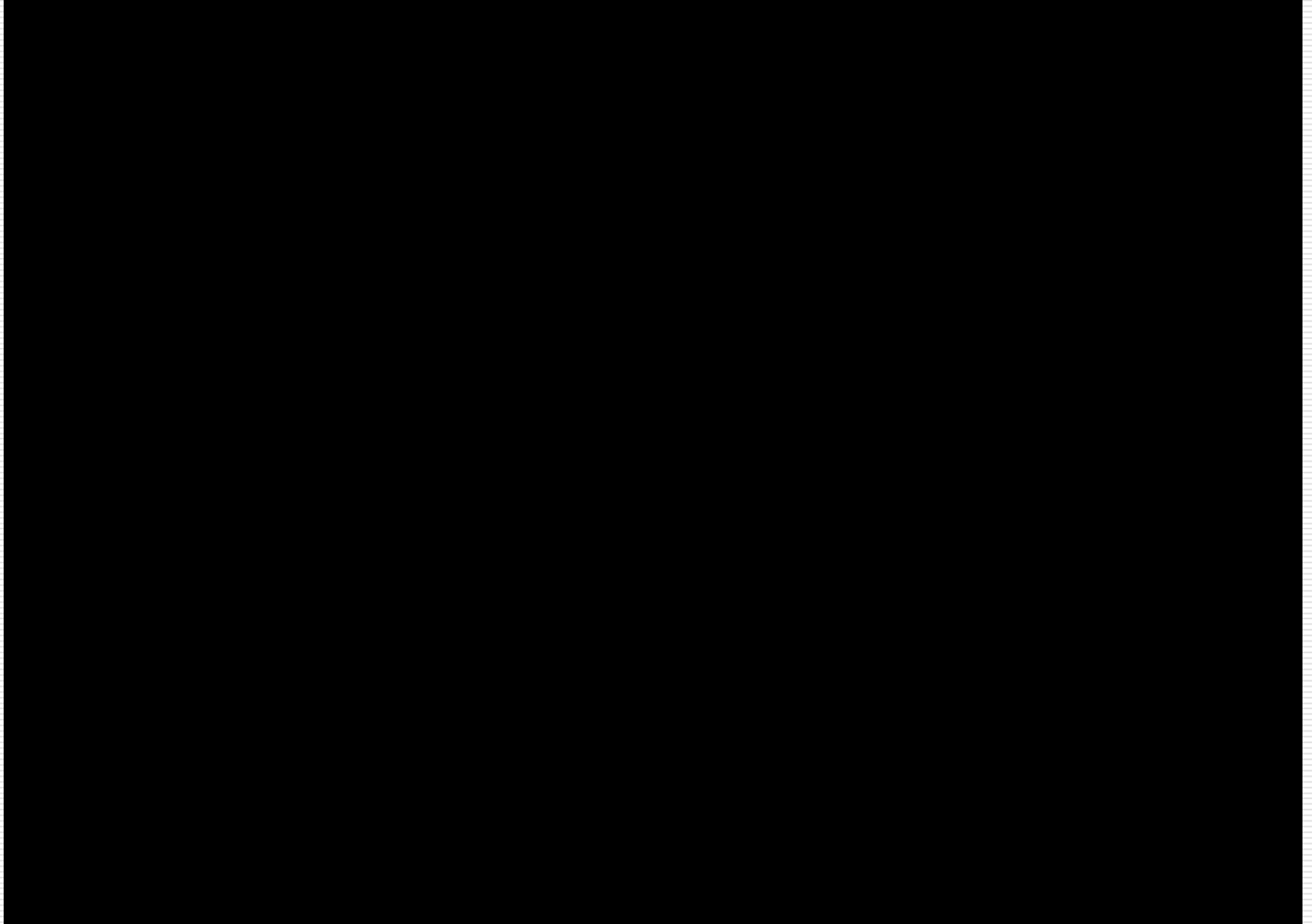
Echo Is The Key to an Accurate Diagnosis in Stroke Patients

- Diagnosis of cardio/aortogenic infarction depends on circumstantial evidence provided by echo detection of cardiac sources of embolism.
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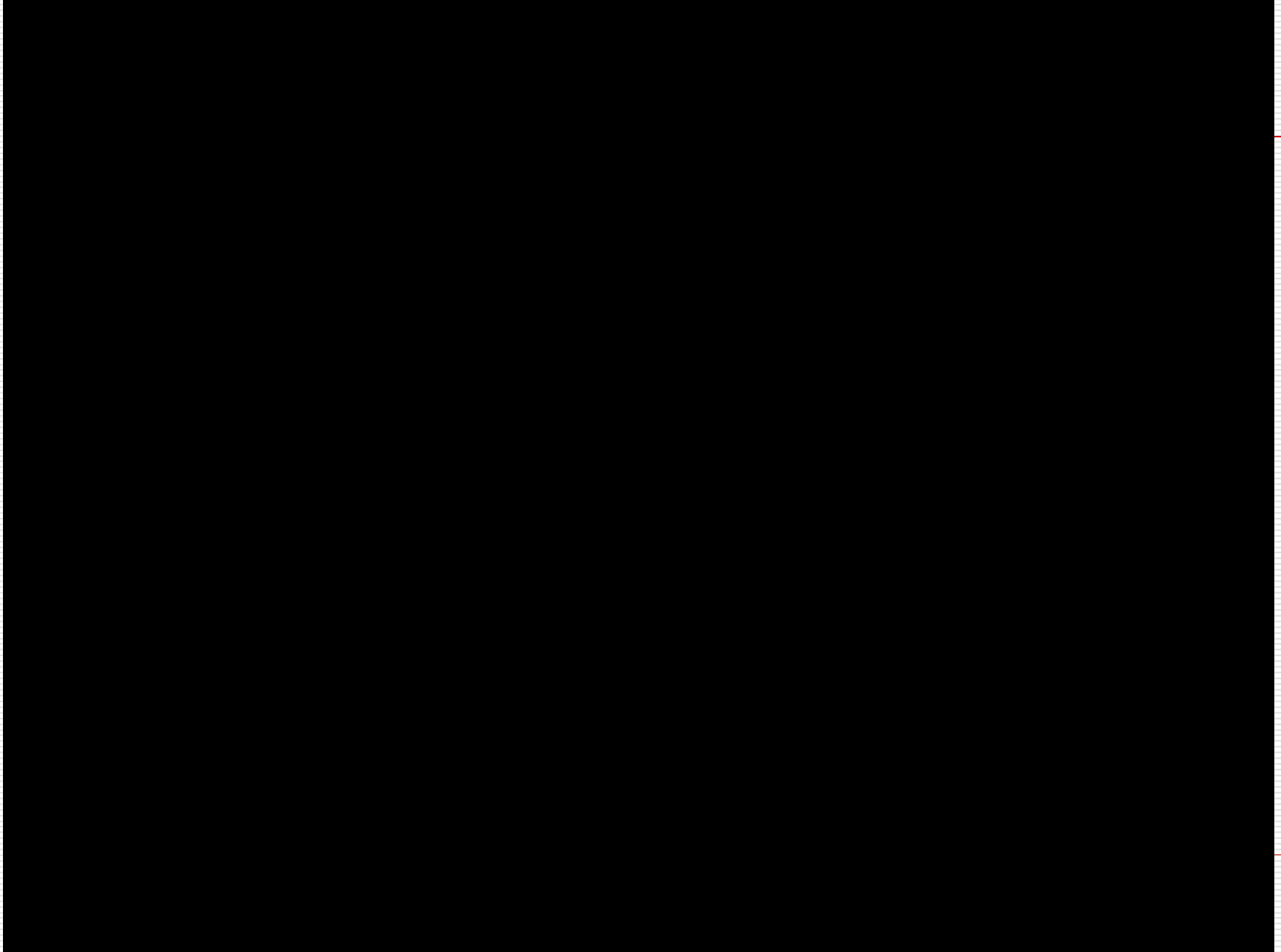
Spontaneous Echo Contrast



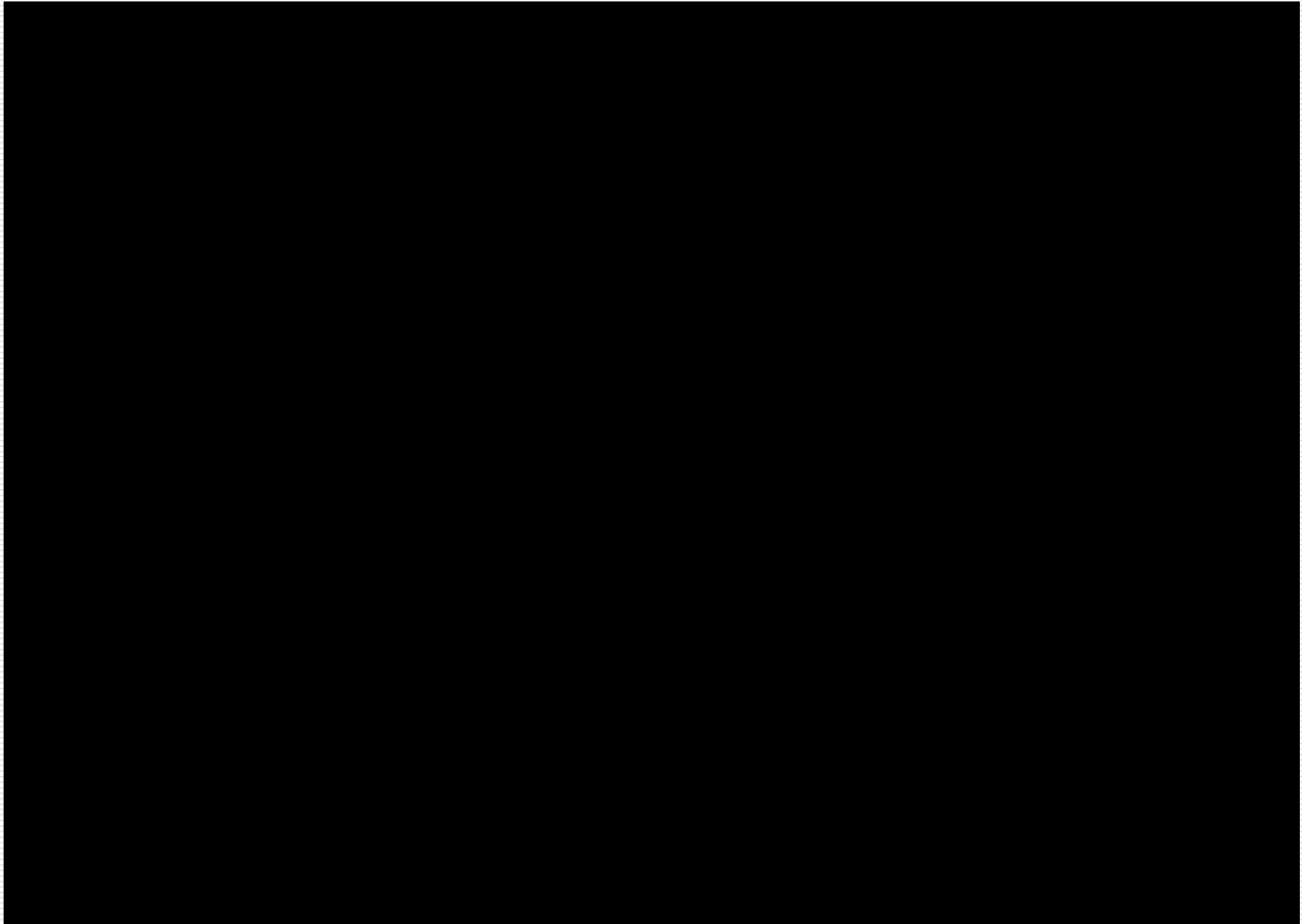
Left Atrial Myxoma



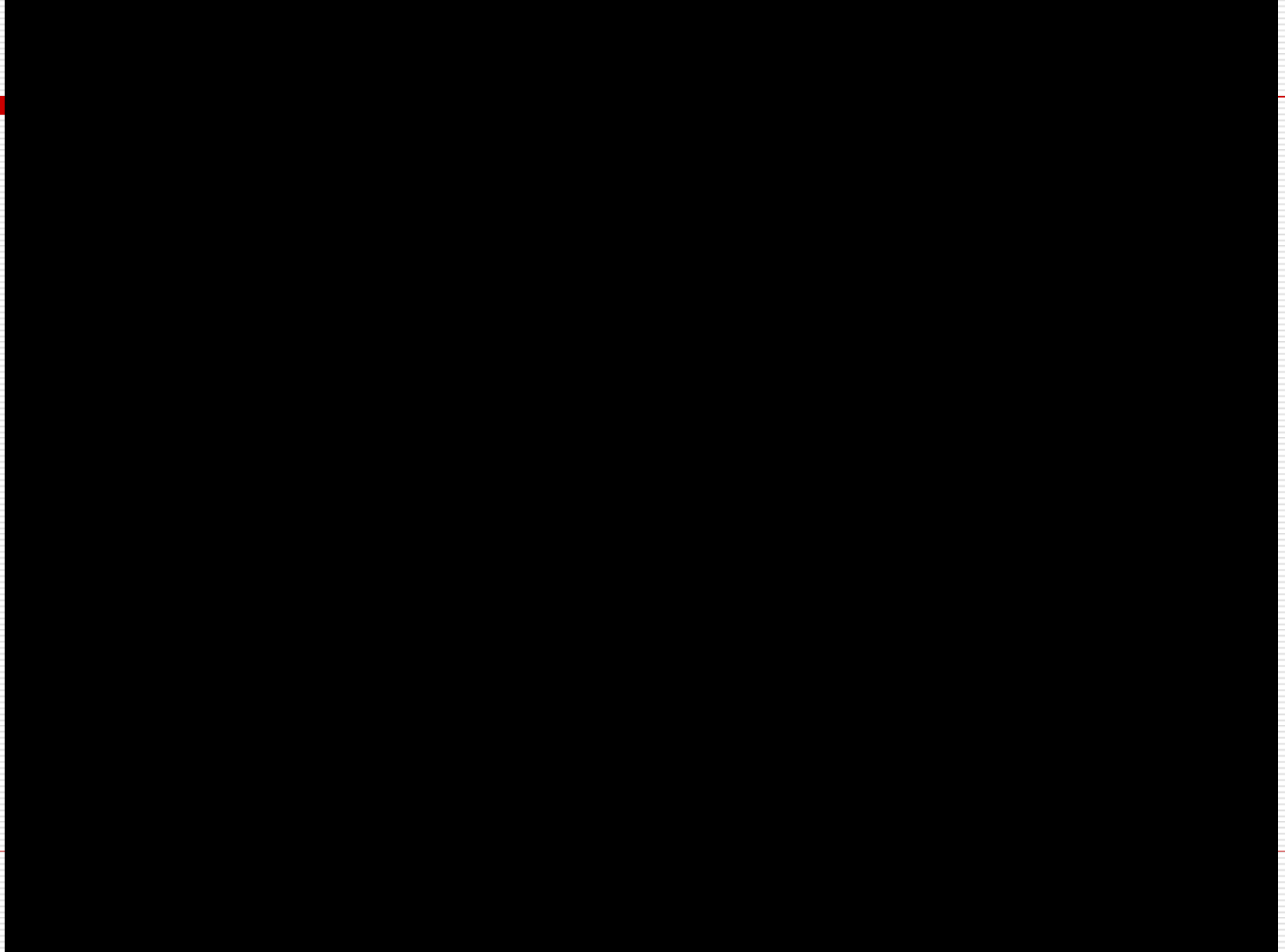
Left Atrial Appendage Thrombus



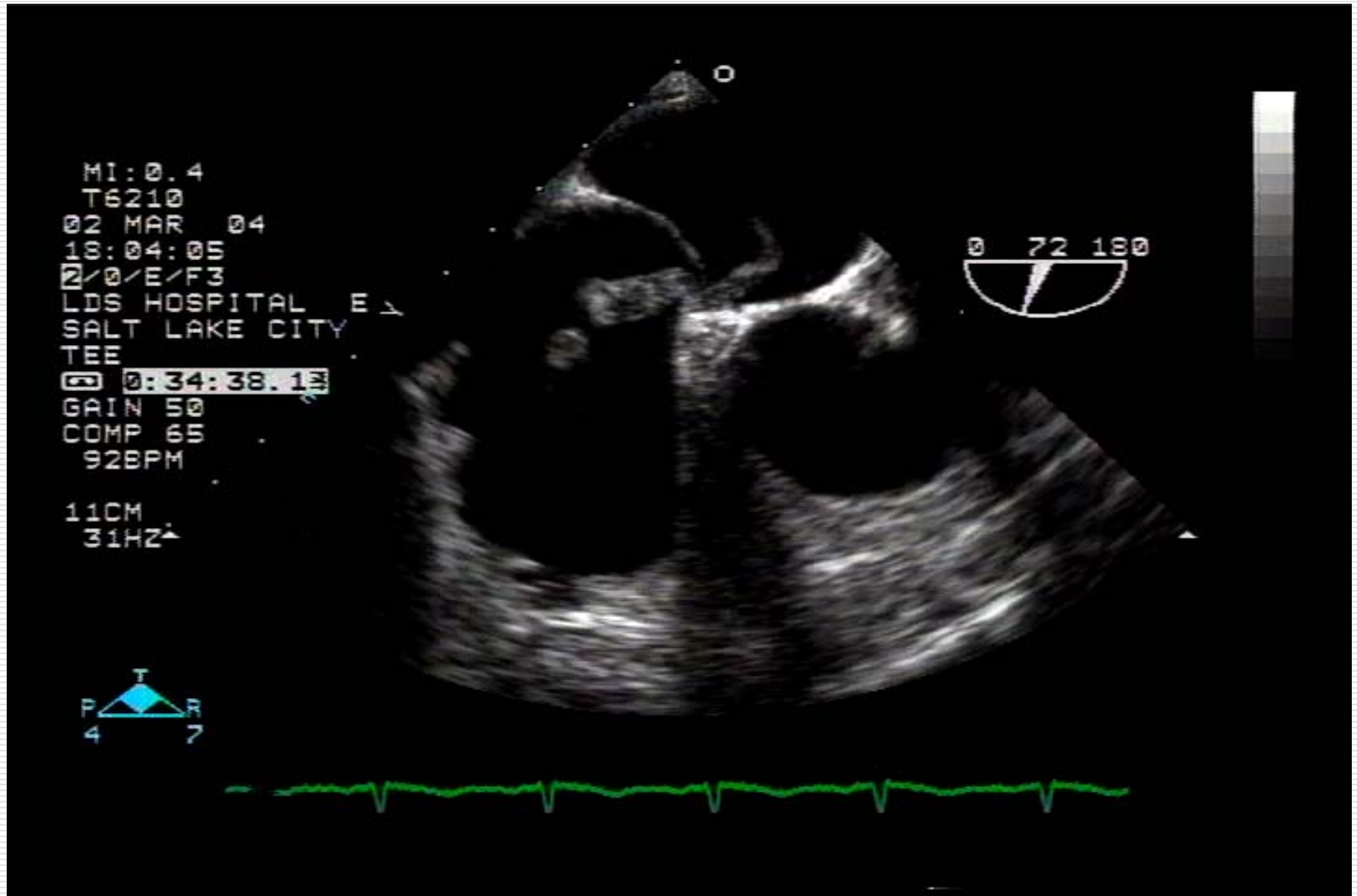
Mitral Valve Vegetation



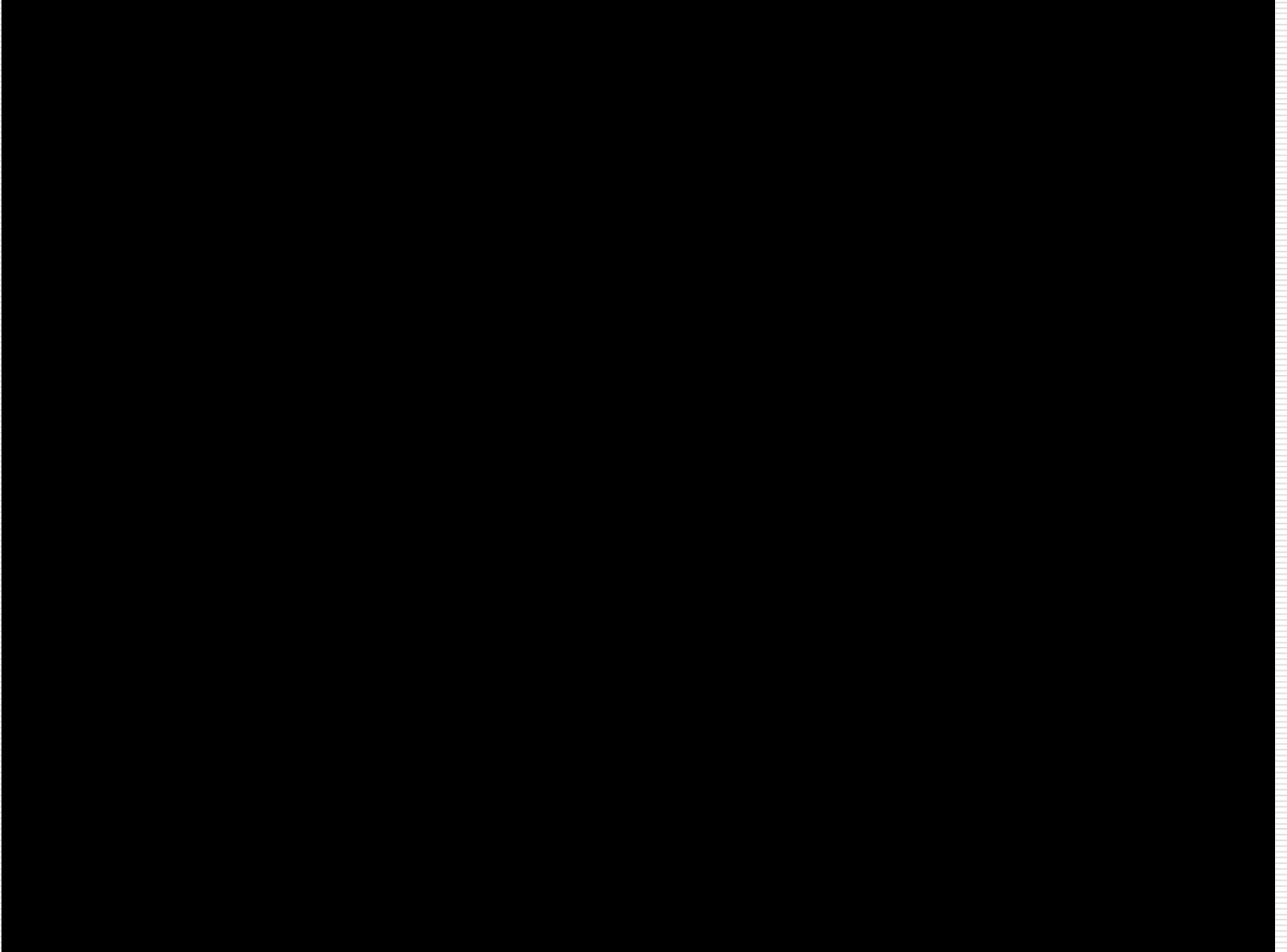
Dilated Cardiomyopathy With Mural Thrombus



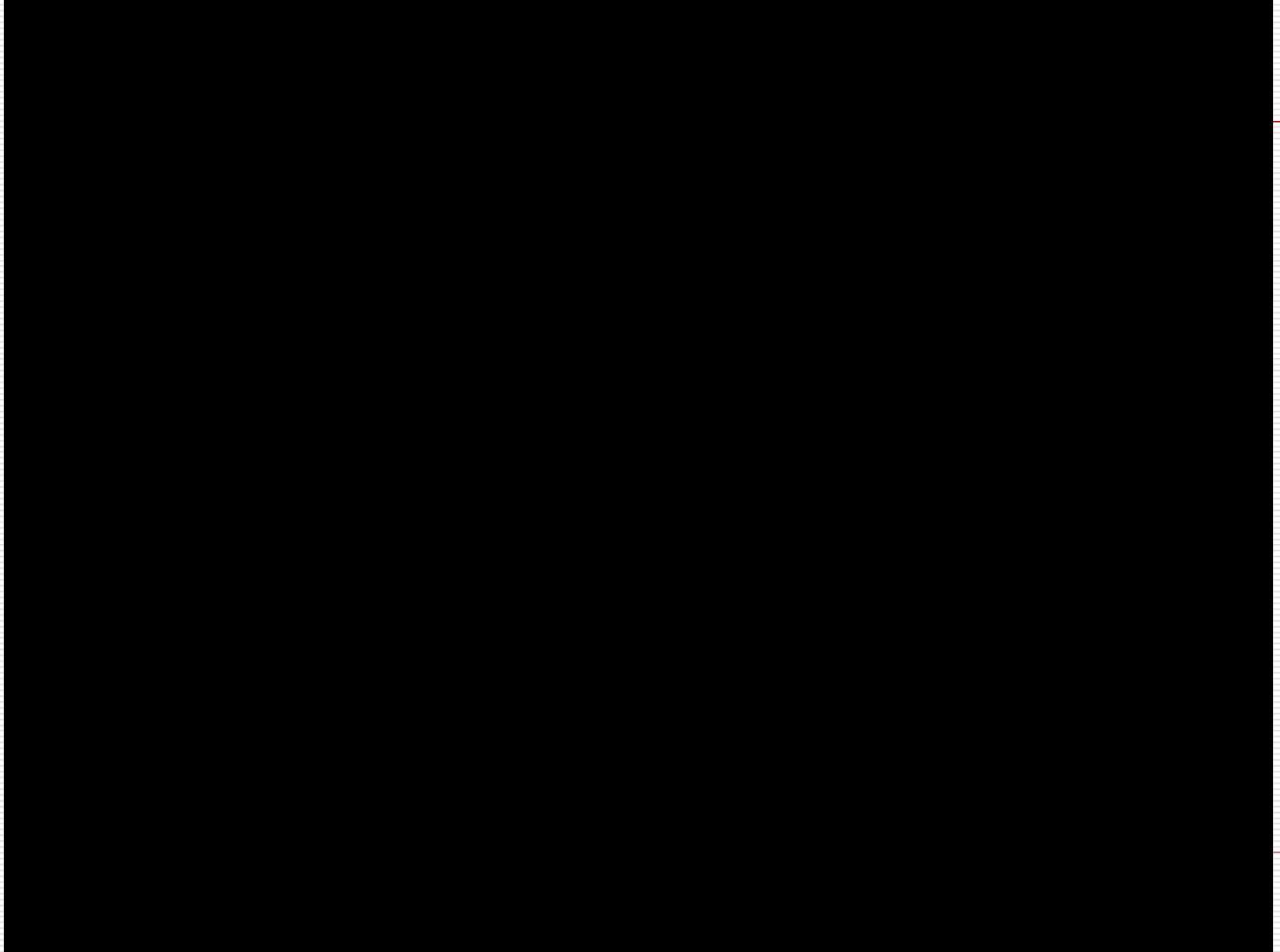
Thrombus In Transit



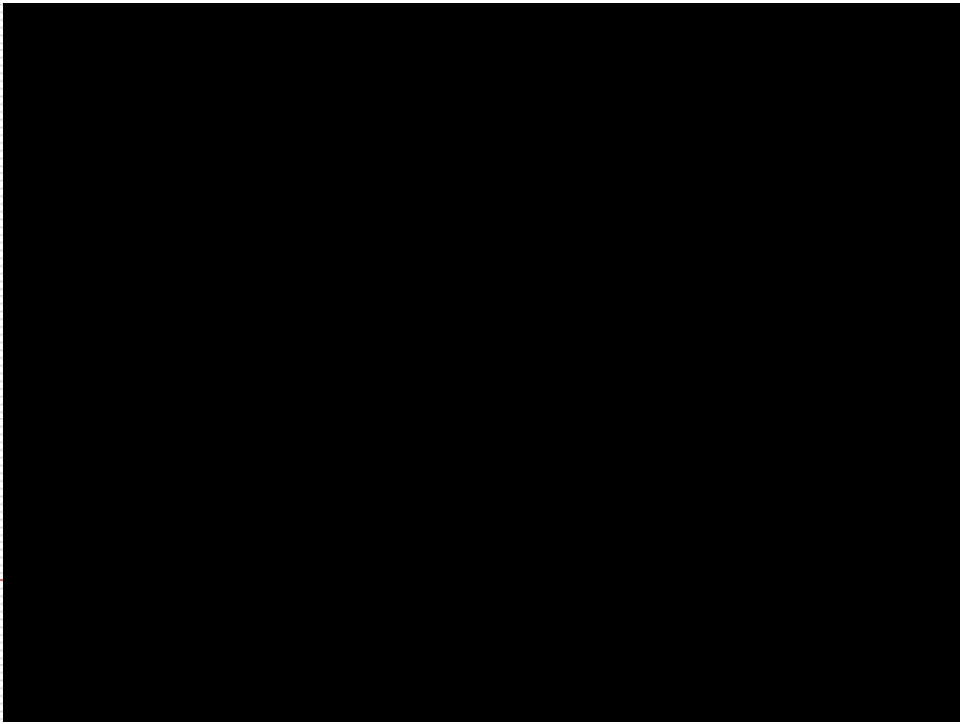
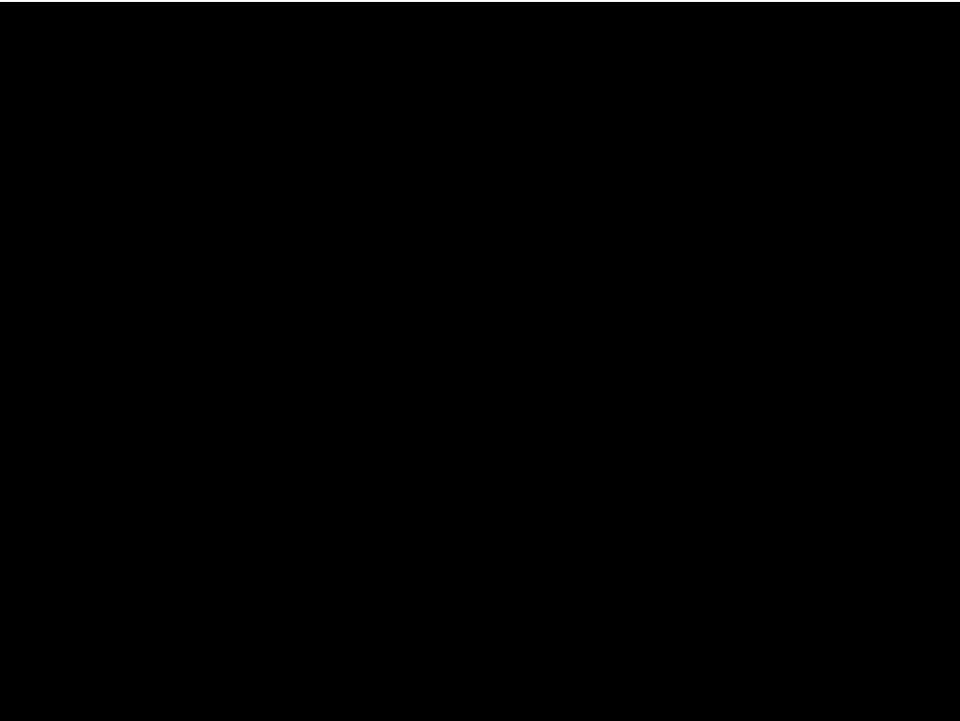
Atrial Septal Aneurysm



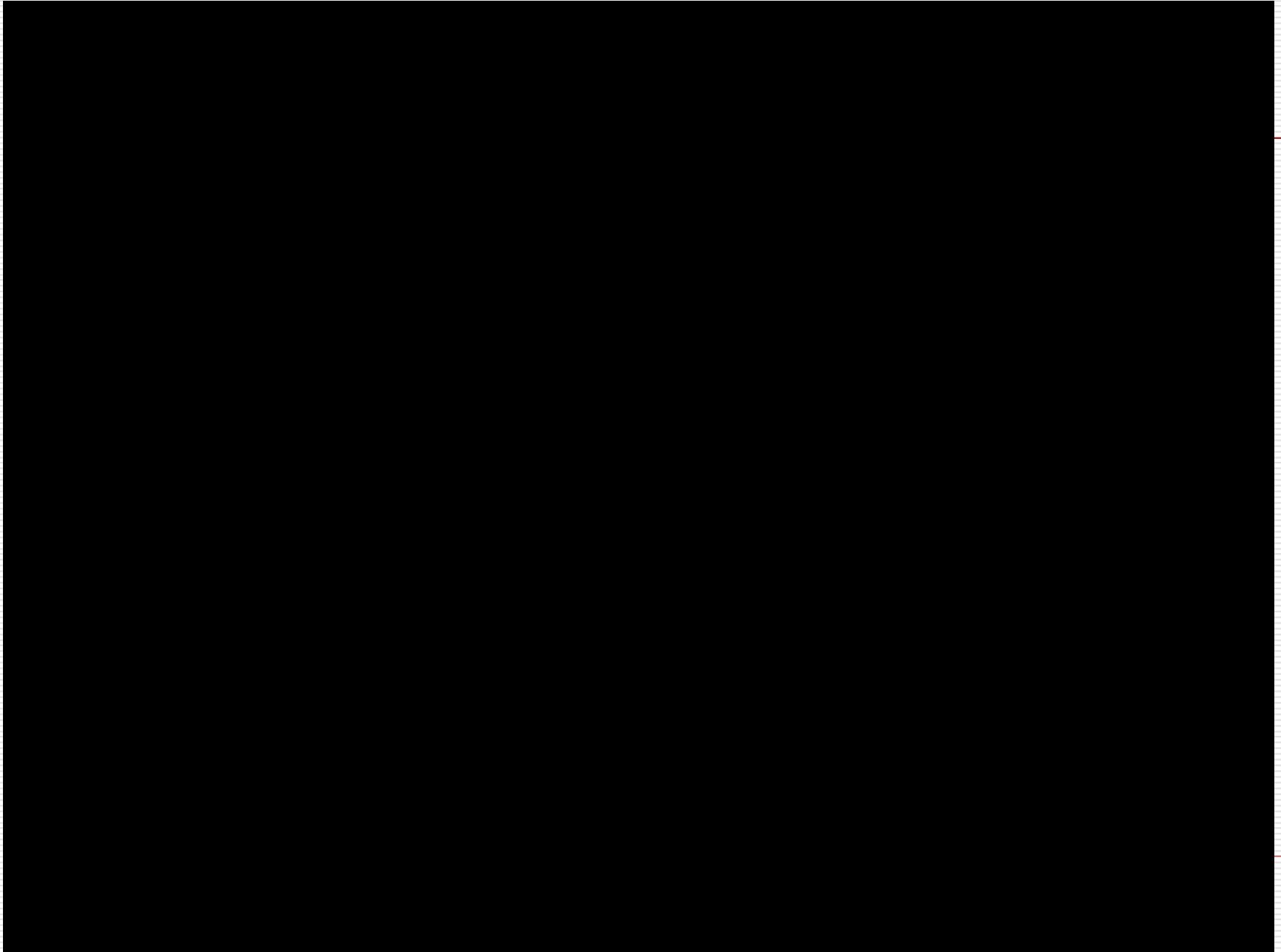
PFO With Long Tunnell



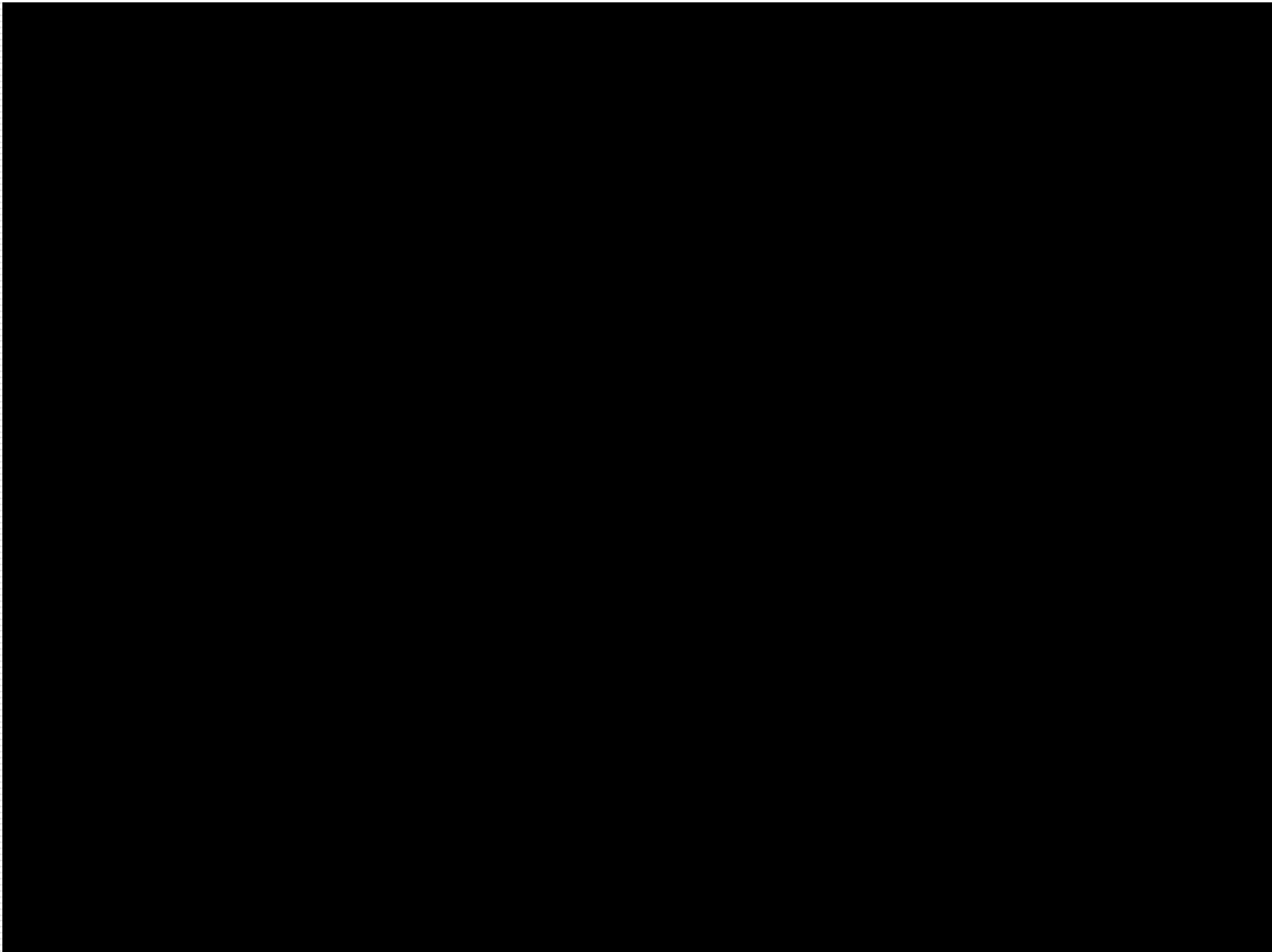
Positive Bubble Study



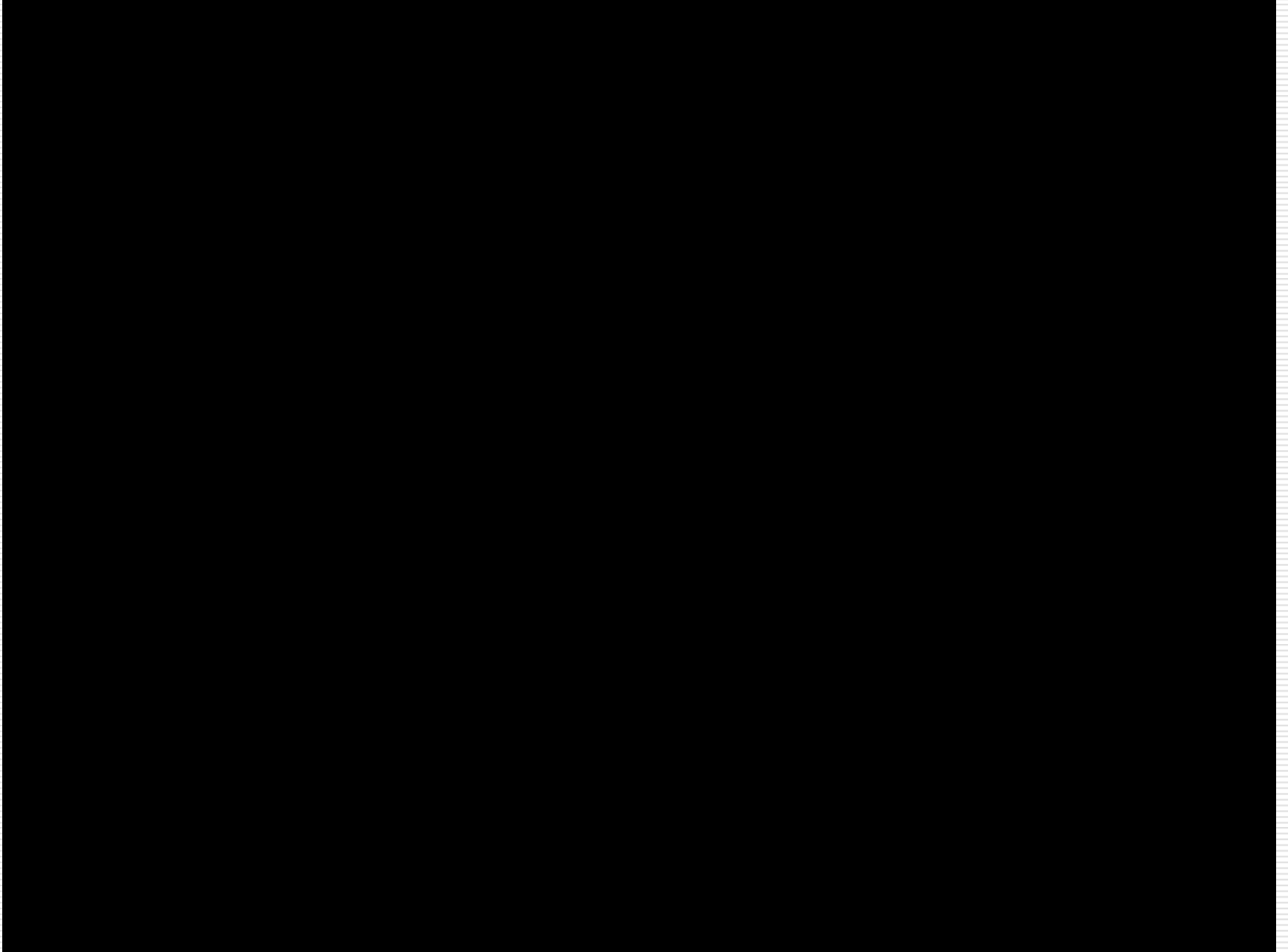
Atrial Septal Defect



Pulmonary Arteriovenous Malformation



Aortic Atheroma



Conclusions

- The diagnosis of cardio/aortogenic stroke relies on detection of potential embolgenic sources.
 - **Echo is the definitive screening modality for cardiac sources of embolism.**
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