

Clinical Image

A Prominent Chiari Network Prolapsing Into Right Ventricle

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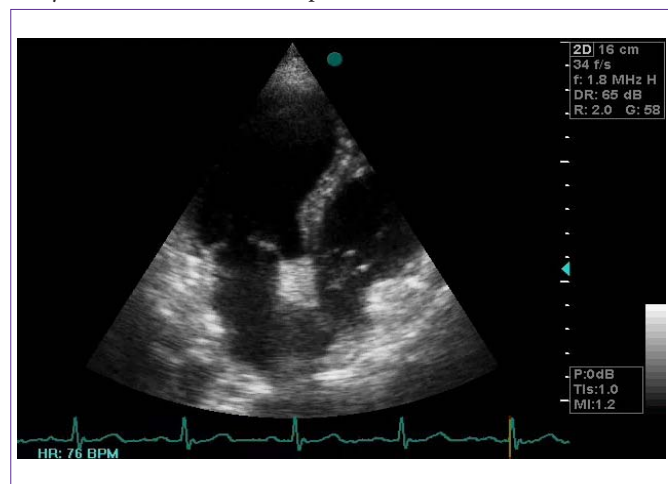
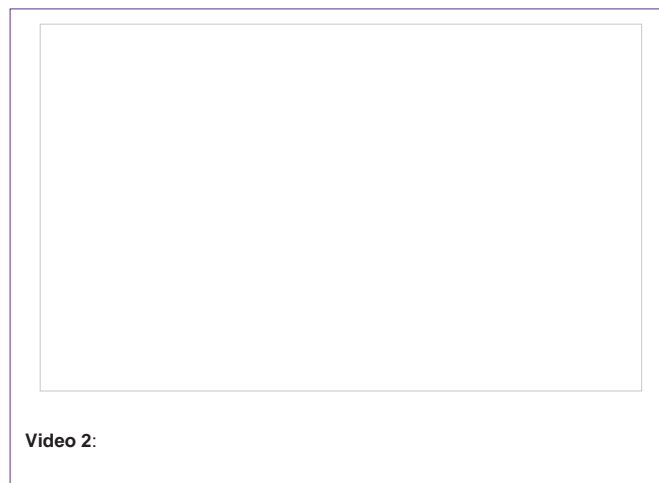
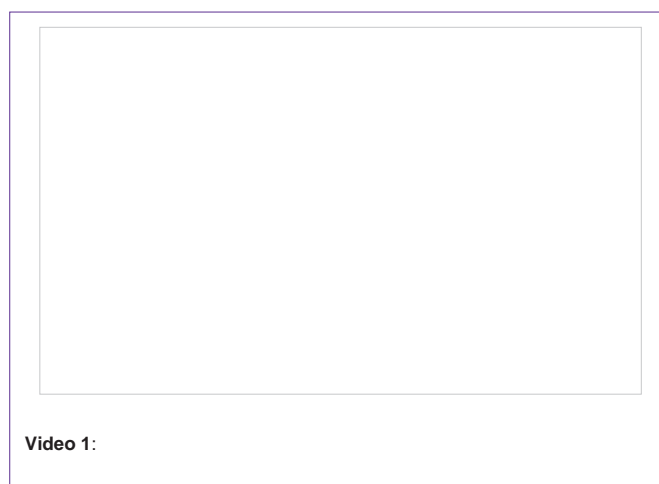
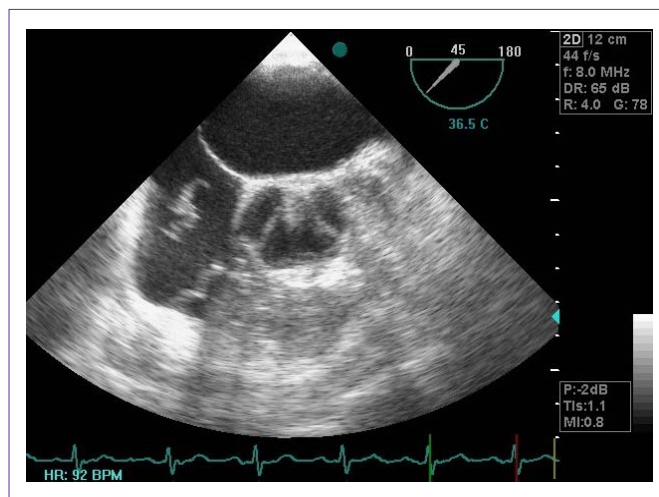
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A 60-year-old female presented to our cardiology department with atypical angina pectoris that she had experienced for five year. He had experienced no cardiac events in the past. Physical examination was normal. Heart rate and blood pressure were 70 beats/min and 135/85 mmhg, respectively. Electrocardiography revealed normal sinus rhythm with normal axis. Precordial and transeophageal echocardiography showed a very mobile structure with whip-like motion in the right atrium, prolapsing into right ventricle through the tricuspid orifice (Figure1, Video 1, 2).

Dr. Hans Chiari described Chiari network in 1897, an embryonic remnant of the right valve of the sinus venosus in the right atrium. This congenital remnant is often diagnosed incidentally and its prevalence is 2% in TEE and 1.5% in TTE. Chiari’s network may favor persistence of a patent foramen ovale and formation of an atrial septal aneurysm and facilitate paradoxical embolism, supraventricular arrhythmias and catheter entrapment [1-3].



References

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