

# Case 6: 13 yr/ M

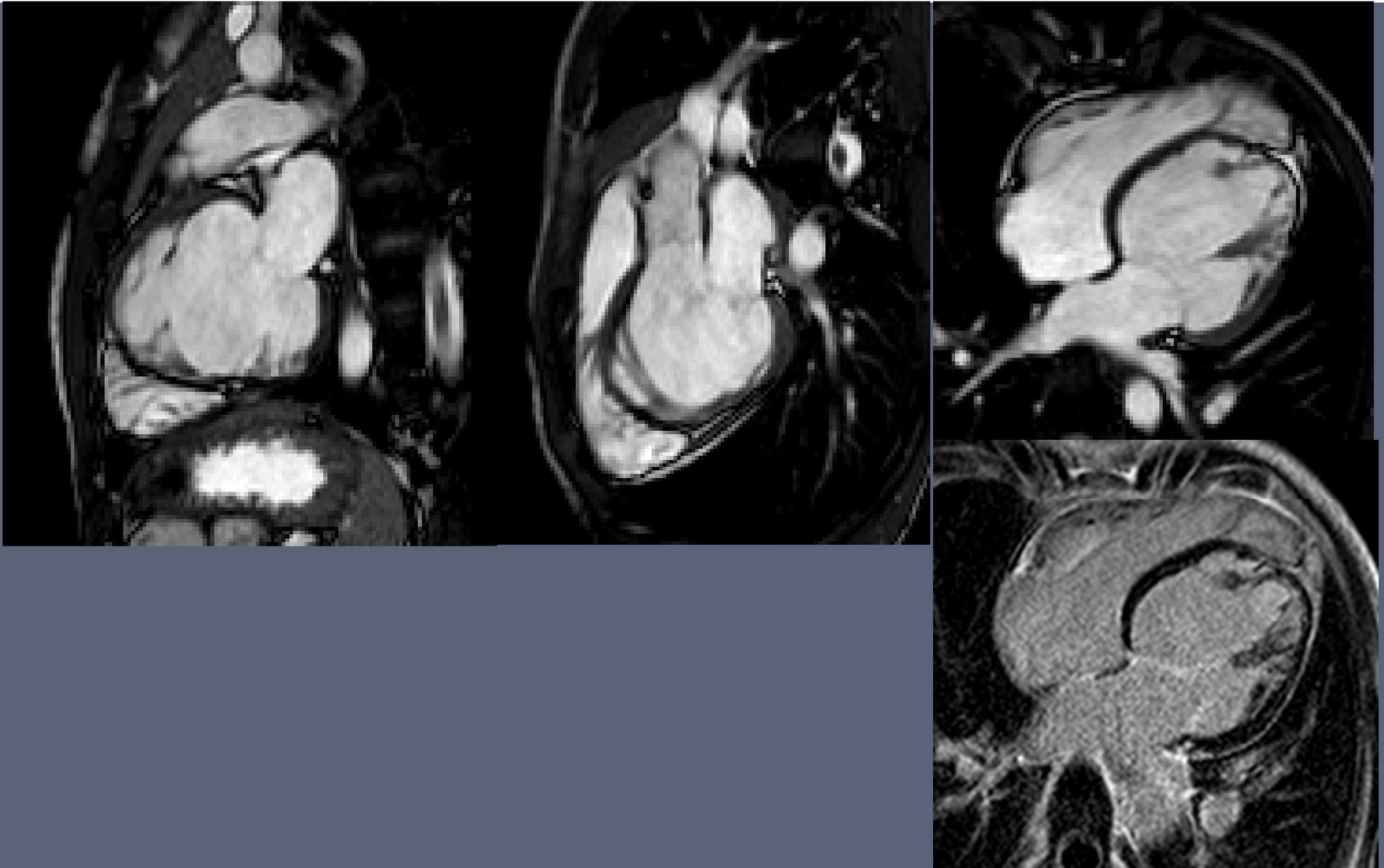
- Right arm weakness, sudden onset
- Past Hx) Asthma (+)
- Op Hx) Paranasal sinusitis

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# Clinical Features

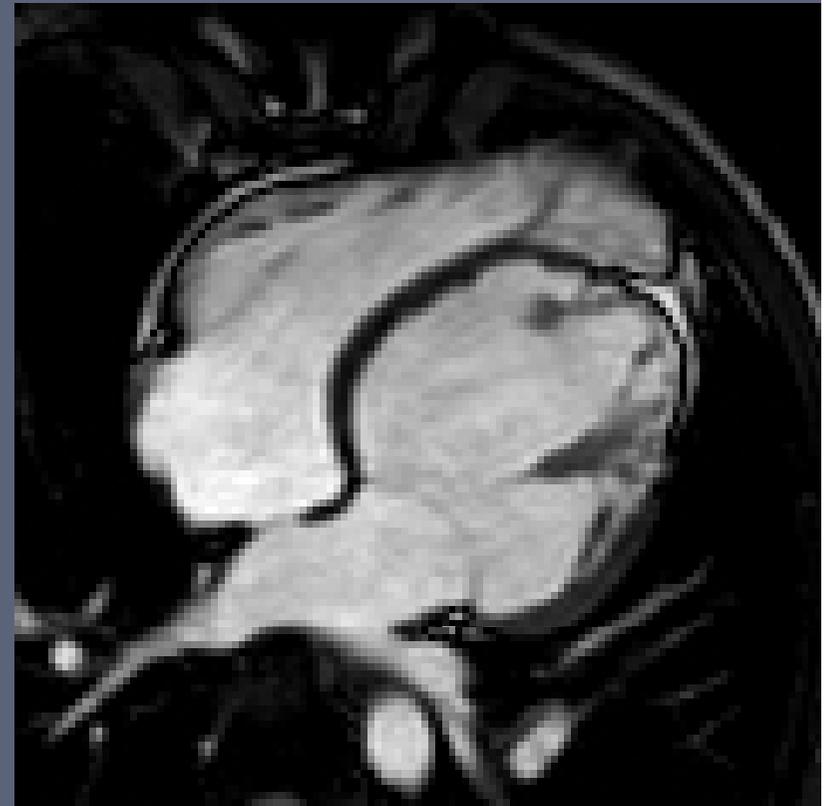
- **Recent de novo EKG abnormality**  
**Low voltage QRS**
- **Echocardiography**  
**LV enlargement**  
**Decreased LV systolic Fx.**  
**IVS thinning**

# Cardiac MRI



- Which category will you take first?

1. Ischemic heart ds.
2. Primary Cardiomyopathy
3. Valvular heart ds.
4. Congenital heart ds.



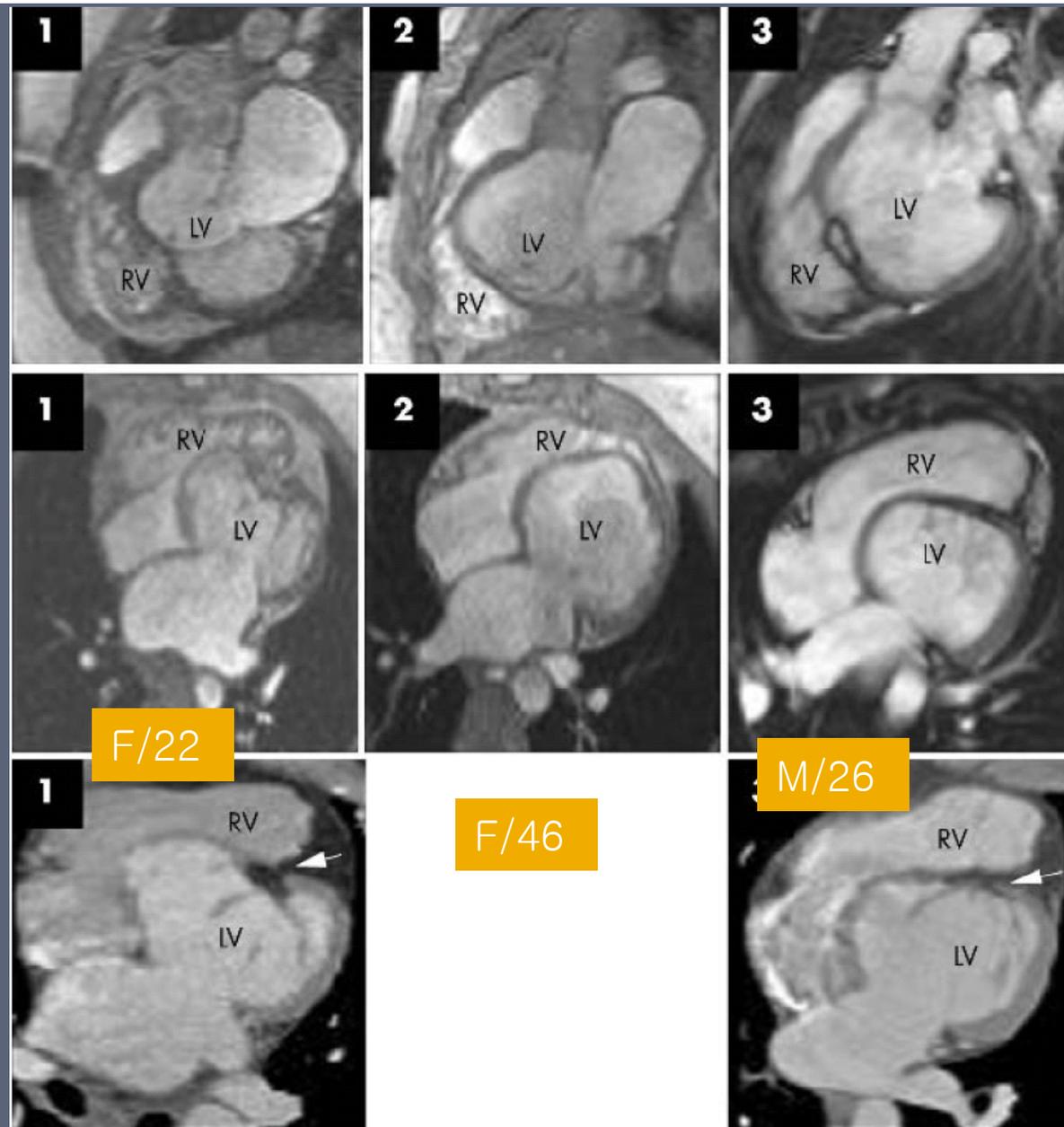
# CONGENITAL HEART DISEASE

## Isolated left ventricular apical hypoplasia: a new congenital anomaly described with cardiac tomography

M Fernandez-Valls, M B Srichai, A E Stillman, R D White

See end of article for

Heart 2004;90:552-555. doi: 10.1136/hrt.2003.010637



# Isolated LV apical hypoplasia

- Truncated & spherical LV w rightward bulging of IVS
- Systolic & diastolic LV dysfx.
- LV apical myocardium replaced by fatty material
- Common in distal IVS, papillary M. origin
- RV elongation w wrapping around LV apex

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## Cardiovascular Magnetic Resonance of Isolated Left Ventricular Apical Hypoplasia

F/37

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