An abnormal echo-bright structure seen in the ascending aorta: right coronary artery stent protrusion

T.A.C. Snow*, J. Voss, P.N. Ruygrok, and S.C. Greaves

These images are from the post-procedure transoesophageal echocardiogram of a 43-year-old female who was admitted to our unit for primary percutaneous coronary intervention (PCI) following diagnosis of an inferior ST-elevation myocardial infarction (MI). She had a complicated procedure due to agitation and eventually received two Promus Element stents measuring 3.0 × 32 mm and 3.5 × 12 mm to the ostium of the right coronary artery (RCA).

The transthoracic echocardiogram outlined a 16 × 6 mm echo-bright slightly mobile structure in the aortic root close to the origin of the RCA. She underwent transoesophageal echocardiography to further identify this mass and to exclude a potential embolic cause of her MI.

The transoesophageal echocardiogram identified the mass as exaggerated protrusion of the stent into the aortic root which on review of the angiography images occurred due to the patient taking an unexpected deep breath in during stent deployment.

The patient was discharged on lifelong aspirin and clopidogrel to reduce the risk of potential thrombus formation.

Supplementary data are available at European Journal of Echocardiography online.

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