We describe with this patient a case of asymptomatic myocardial infarctions in a young woman without relevant risk factors (3 pack years of smoking), and in whom a 64-slice multidetector computed tomography angiography showed no evidence of coronary artery disease (Panels G and H). In this context, we might relate this thrombotic event to the pro-thrombotic state already described in POEMS syndrome, caused by the elevation of pro-inflammatory cytokines levels such as vascular endothelial growth factor, that was significantly increased in our patient. This pathology is also known to be associated with elevation of circulating matrix metalloproteinase levels, which is implicated in adverse post-infarction remodelling.

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