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**CLINICAL VIGNETTE**

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**Pulmonary venous infarction following pulmonary vein isolation**

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A 44-year-old man developed sudden-onset shortness of breath associated with pleuritic chest pain. He had undergone pulmonary vein isolation for symptomatic paroxysmal atrial fibrillation 12 months earlier in another institution. There was no CT evidence of pulmonary emboli. CT volume-rendered reconstruction showed a proximal stenosis of left superior pulmonary vein (see arrow) and an occlusion of his left lower pulmonary vein (Panel A), as well as consolidation of his left lower lung lobe (Panel B). He was therefore diagnosed with pulmonary venous infarction secondary to venous stenosis and occlusion following pulmonary vein isolation. The patient was successfully treated with anti-coagulation and pulmonary vein angioplasty.

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