Saddle Pulmonary Embolism Visualized by Transthoracic Echocardiography

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It is very unusual to visualize a pulmonary artery thrombus on transthoracic echocardiography (TTE). TTE obtained from a 50-year-old man with syncope showed a large thrombus at the main pulmonary trunk (A, arrow, Online Video 1), severe right ventricular enlargement (B, arrow), severely reduced right ventricular systolic function, and severe global hypokinesis of the right ventricle, except the apical segment (McConnell’s sign; Online Video 2). Computed tomographic pulmonary angiography showed a large saddle pulmonary embolus involving the main, left, and right pulmonary arteries (C, arrow), which correlated with the TTE findings. Thrombolytic therapy and anticoagulation were initiated. The patient had an uneventful hospital course.