PE or no PE? Alternative diagnoses on CTA

Acute pulmonary embolism (PE) is the third-most common cause of cardiovascular death in the United States, exceeded only by myocardial infarction and stroke. Unfortunately, the symptoms of pulmonary emboli are nonspecific and often cause a diagnostic quandary, specifically in patients who are poor historians or who have multiple comorbidities. Moreover, most patients who undergo computed tomography angiography will not be found to have PE, which has an approximately 10% positivity rate in the United States. This article will review the variety of abnormalities that can be seen in patients who undergo evaluation for PE when there is no evidence of PE.

Kelly W. Capel, MD, and Lynn S. Broderick, MD, FACR

Breast elastography: A New paradigm in diagnostic breast imaging

Breast ultrasound elastography is an emerging sono- graphic imaging technique which provides information on breast lesions in addition to conventional ultrasonography (US) and mammography. Ultrasound elastography provides a non-invasive evaluation of the "stiffness" of a lesion. It increases the specificity of conventional B-mode ultrasound by more precise characterization of breast lesions.

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