Pre PICC insertion ultrasonography of supraclavicular fossa detects thrombus

Abstract:

The right supraclavicular fossa view allows for ultrasonographic visualization of the central veins. A preprocedural scan of an asymptomatic 38-year-old man referred for peripherally inserted central catheter (PICC) insertion revealed a large thrombus in the right brachiocephalic vein. Hence, a left-sided insertion was chosen. Using the right supraclavicular view, the PICC was visualized in the left brachiocephalic vein, and the catheter was followed to its final position, avoiding contact with the thrombus. Thus, the right supraclavicular fossa view allowed for the detection of relevant pathology and facilitated an alternative feasible strategy with real-time catheter guidance during PICC insertion.

Reference: