

Diverging Artifact in a Subcutaneous Abscess

CME
Credits

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SECTION 1 – Quiz

A 60-year-old male had one painful, erythematous mass of the inferior abdominal wall for 3 months. He received a hernia repair surgery 1 year ago. Wound infection developed after the surgery, and an abscess was formed nearby. He received debridement, but there was only partial improvement. Under the impression of a residual abscess, ultrasound was arranged, revealing a hypoechoic lesion [Figure 1a] with peripheral hyperemia [Figure 1b]. A subcutaneous abscess with active inflammation was diagnosed. Furthermore, a hyperechoic structure was found in its center with diverging acoustic shadows [Figure 1c]. What is your impression about these findings in Figure 1c?

Declaration of patient consent

The authors certify that they have obtained all appropriate patient consent forms. In the form, the patient has given his consent for his images and other clinical information to be reported in the journal. The patient understands that his name and initials will not be published and due efforts will be made to conceal the identity, but anonymity cannot be guaranteed.

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Conflicts of interest

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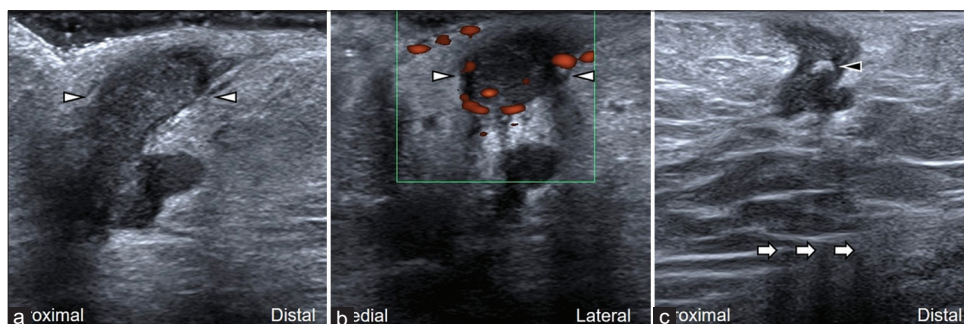


Figure 1: (a) The image was obtained by placing the transducer in the sagittal plane over the mass (arrowheads). (b) The image was obtained in the power Doppler mode showing hyperemia surrounding the mass. (c) The diverging artifacts (white arrows) behind the hyperechoic structure (black arrowhead) were observed

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