

ABSTRACT

Techniques for a Successful Full-length Peroneal Artery Sonographic Visualization

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Aim. To compare the lateral and medial approaches to insonate the peroneal artery (PA).

Methods. Lateral and medial sonographic approaches are compared in 20 healthy individuals. Arterial visualization was defined as visibility of both adventitias between both peroneal veins.

Results. One hundred percent PAs were successfully identified through the lateral approach compared to 85% through the medial approach. The medial approach failed to adequately image six proximal PAs.

Conclusion. The lateral approach to the PA may be superior to the medial view. The PA should be imaged through both approaches.

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