The Role of high resolution ultrasound in the assessment of diabetic foot infection with clinically suspected bone involvement

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Abstract
High resolution ultrasound shows a high degree of sensitivity in the assessment of diabetic foot infection regarding the soft tissue infection and detection of early osteomyelitis compared to plain radiography. But magnetic resonance imaging has a higher degree of sensitivity compared to high resolution ultrasound in detection of osteomyelitis. So we recommend using high resolution ultrasound as a screening modality for cases with diabetic foot infection whenever bone involvement is suspected.

Keywords
High resolution ultrasound, Diabetic foot infection, Foot osteomyelitis,