



Supplementary Figure S8.

Case 8: 64-year-old male with history of Charcot Arthropathy and rocker-bottom deformity presented with ulceration at the sole of the foot directly beneath the cuboid bone.

X-ray: classic features of late-stage Charcot foot with bone fragmentation and proliferation, rocker-bottom deformity (A)

MRI: STIR and T1 sequences demonstrate skin ulceration and probable sinus tract extending from the skin to the cuboid bone. There is a moderate amount of bone marrow edema within the cuboid bone without huge signal drop in the fatty bone marrow in the T1-weighted sequence and without disappearance of bony contours. It is a late-stage Charcot foot with uncertain underlying osteomyelitis (B).

^{99m}Tc-HMPAO-WBC SPECT-CT demonstrates increase in uptake in time located in the soft tissue directly beneath the cuboid bone, but not in bone, consistent with soft tissue infection (C).

Final diagnosis: Charcot foot without superimposed osteomyelitis.