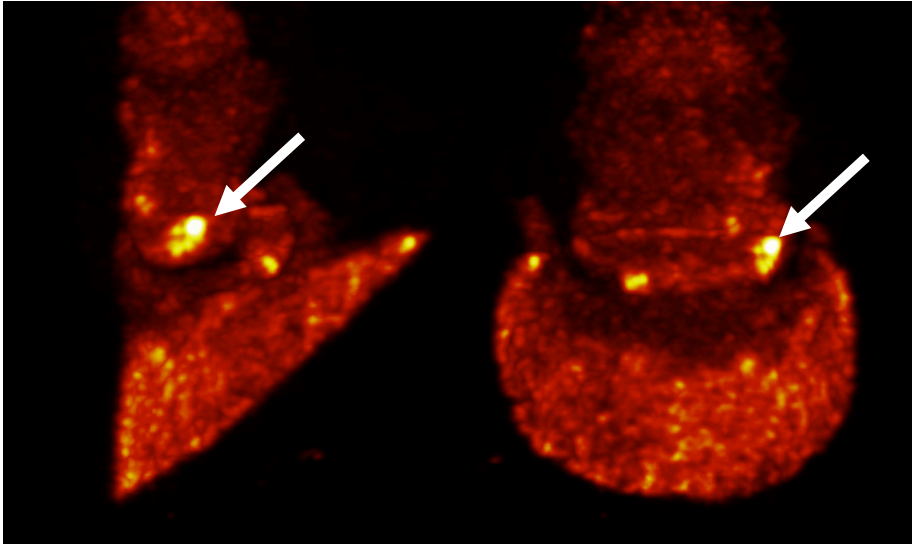


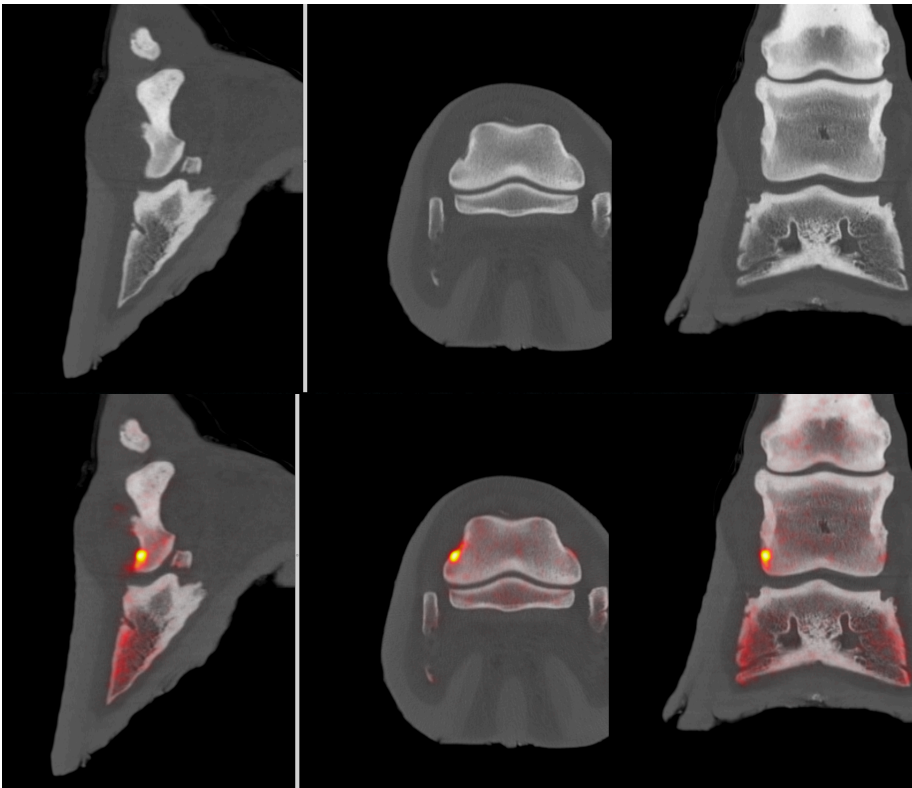
Equine PET: Dual Tracer Foot Scan

History: 11 year old Lusitano gelding. Few month history of progressive left front lameness. Blocks to an abaxial nerve block with no significant findings on radiographs.



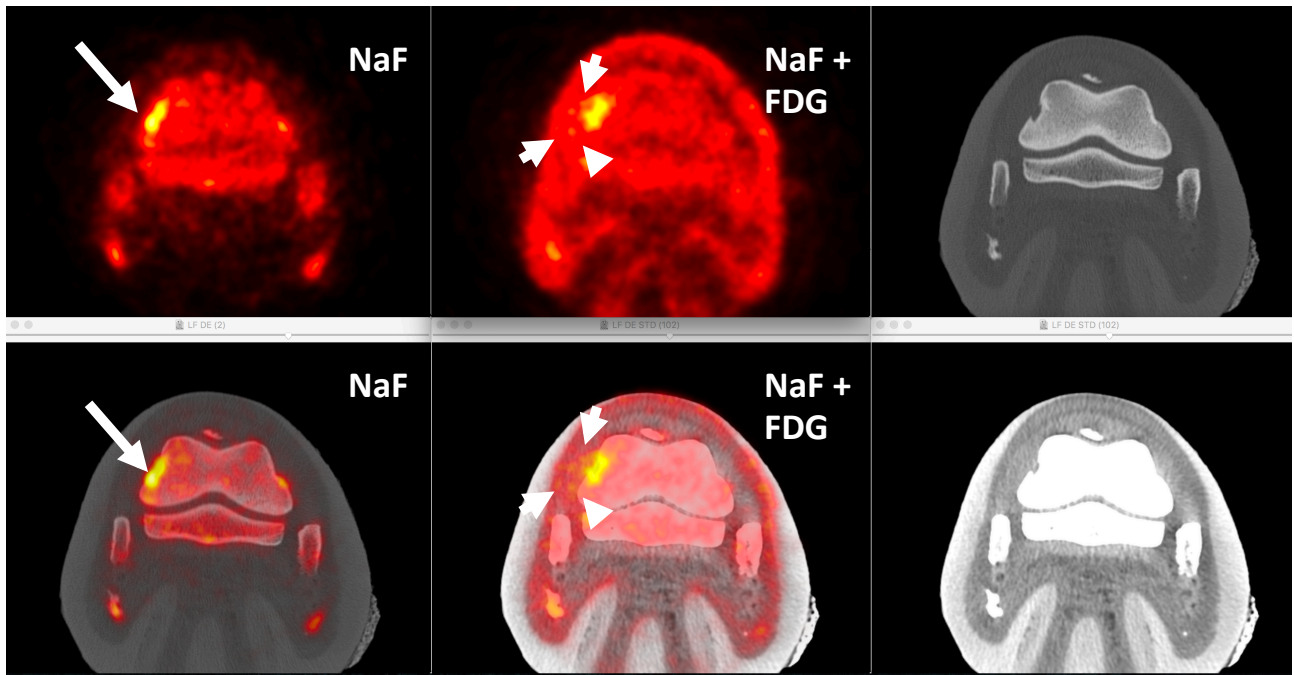
18F-NaF PET MIP LF

Foot: There is marked focal NaF uptake at the distal medial aspect of the middle phalanx (arrow). Uptake is also present at the distal lateral border of the navicular bone and lateral palmar process of P3.

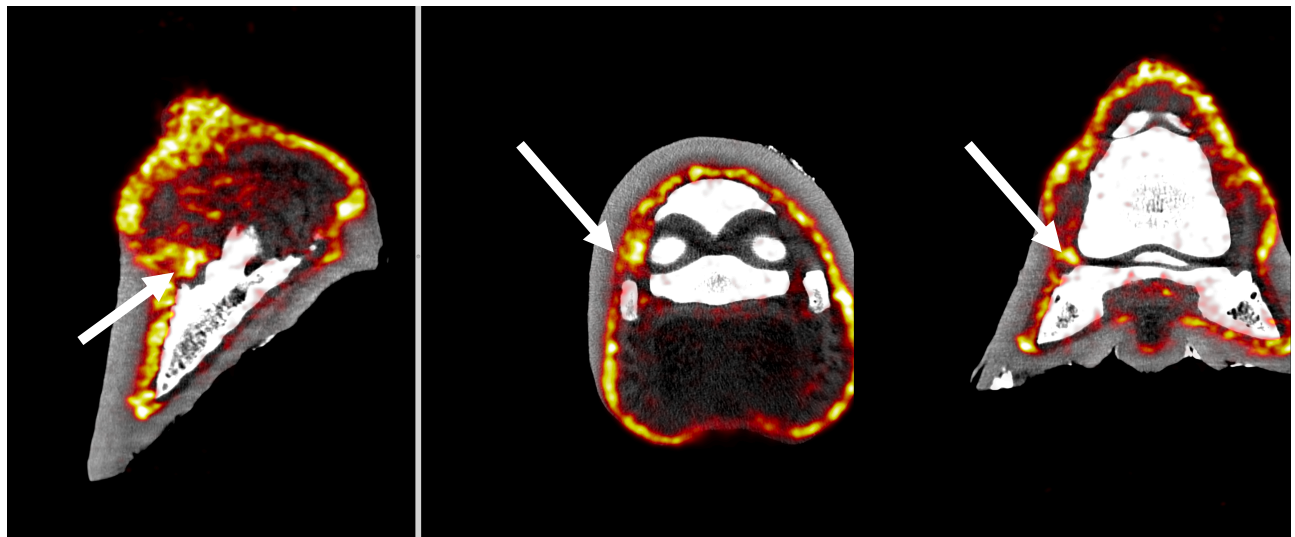


CT and fused NaF PET/CT MPR:

The focal P2 uptake is confirmed to be localized at the proximal attachment of the medial collateral ligament of the distal interphalangeal joint. (The uptake at the navicular bone was associated with a distal border fragment, not shown on this figure)



Transverse LF Foot images: In addition to the NaF uptake at distomedial P2 (arrow), there is FDG uptake in the collateral ligament of the distal interphalangeal joint, indicative of both enthesopathy and active desmopathy .



Fused FDG PET/CT MPR images (combined NaF/FDG images with NaF subtraction): There is increased FDG uptake in the medial collateral sesamoidean ligament of the distal interphalangeal joint.