



Planar Bone Scintigraphy

Species: Canine
Age: 9 years
Isotope: ^{99m}Tc

Breed: Schipperke
Sex: male
Chemical Form: MDP

Interpretation: The focal area of intensely increased radionuclide uptake noted in the distal left femoral metaphysis is most consistent with metastatic osteosarcoma. Differentials for the increased radionuclide uptake noted in the caudal aspect of the left kidney include mild pelvic dilation, renal mineralization/calculi or metastatic neoplasia. The area of increased radionuclide uptake in the caudal left maxilla, in the area of the left upper premolar is most suggestive of dental disease. The diffusely increased radionuclide uptake noted in the left elbow joint is most consistent with osteoarthritis.