



EXAMPLE 1

Clinical indication-

Adenocarcinoma Prostate with suspected bone metastases in a 80 year old male patient

Method-

^{99m}Tc-MDP Bone scan was done after i.v. injection of 20 mCi of radiotracer. Whole body anterior and posterior static images were acquired after 4 hrs on a dual head gamma camera with an LEHR collimator

Findings-

Study reveals multiple foci of increased tracer uptake involving the skull, bilateral humeri, right clavicle lateral 1/3rd, multiple cervico-dorso-lumbar vertebrae, sacrum, bilateral sacroiliac joints, bilateral acetabuli, bilateral ischia and bilateral upper femora.

Rest of the skeleton shows physiologic uptake for age.

Both kidneys are well visualized.

Impression- Scan findings are suggestive of extensive skeletal metastases at the above mentioned sites.