

Positron emission tomography scan

Positron emission tomography scan

In prostate cancer gallium-labelled prostate-specific membrane antigen (PSMA) has been increasingly used in positron emission tomography (PET) scans. It is sensitive in detecting lymph node metastasis and may be superior to MRI; however, smaller lymph nodes can be missed on PSMA-PET. If available, this test offers an additional and highly sensitive modality for detecting metastasis prior to offering treatment. It also has an increasing role in restaging after treatment relapse.

Figure 84.20 Bone scan showing multiple hot spots suggestive of metastatic disease in a man with prostate cancer.

Revision #1

Created 2025-12-31 15:30:40 UTC by Omar Ayman

Updated 2025-12-31 15:30:40 UTC by Omar Ayman