

Criteria for when to add SPECT/CT to a whole body bone scan

Criteria to be used by nuclear medicine technologists at Skåne University Hospital in Malmö. The criteria apply to patients suspected of having metastatic disease. For other indications, the nuclear medicine physician takes the decision.

A) Indications for NOT performing SPECT/CT after a whole body bone scan

- Patient cannot participate in a SPECT/CT examination
- Widespread metastatic disease
- A previous whole body bone scan is available and no new lesions are present

B) Indications for performing SPECT/CT after a whole body bone scan

- Focal lesions in the spine or pelvis
- Patient reports newly developed pain from the spine or pelvis
- Prostate cancer patients with increasing PSA or PSA >20 even though no metastatic lesions are present (SPECT/CT of lumbar spine and pelvis)
- Large urinary bladder covering sacrum and the patient has reported symptoms from this area

C) Indications for NOT performing SPECT/CT

- Normal whole body bone scan and no criteria from section B to perform a SPECT/CT are fulfilled

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