

Generic justification

^{18}F -PSMA PET/CT in the staging of primary prostate cancer and the restaging of recurrent prostate cancer

Why did we perform this review?

New practices involving patients' exposure to ionising radiation must be justified by the Health Information and Quality Authority.

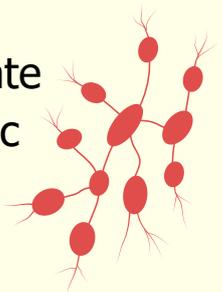
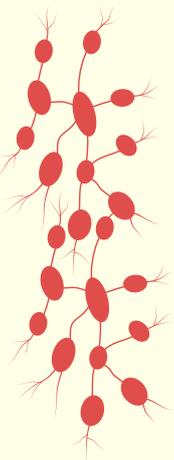
What is it?

^{18}F -PSMA PET/CT is a type of scan which works by detecting a protein called PSMA on the surface of most prostate cancer cells. The ^{18}F -PSMA radiopharmaceuticals are used in combination with a low dose CT scan and can be used as part of the care of patients with prostate cancer.



^{18}F -PSMA PET/CT scans can be used for two reasons.

Firstly, to find out whether prostate cancer has spread to lymph nodes and other parts of the body before treatment is started. Secondly, to find out if prostate cancer has returned in men whose prostate specific antigen (PSA) levels (a blood test) are rising, after they have finished treatment.



We found that...

The available evidence indicates that ^{18}F -PSMA PET/CT scans are a safe and effective imaging tool, as part of the care of some patients with prostate cancer.

