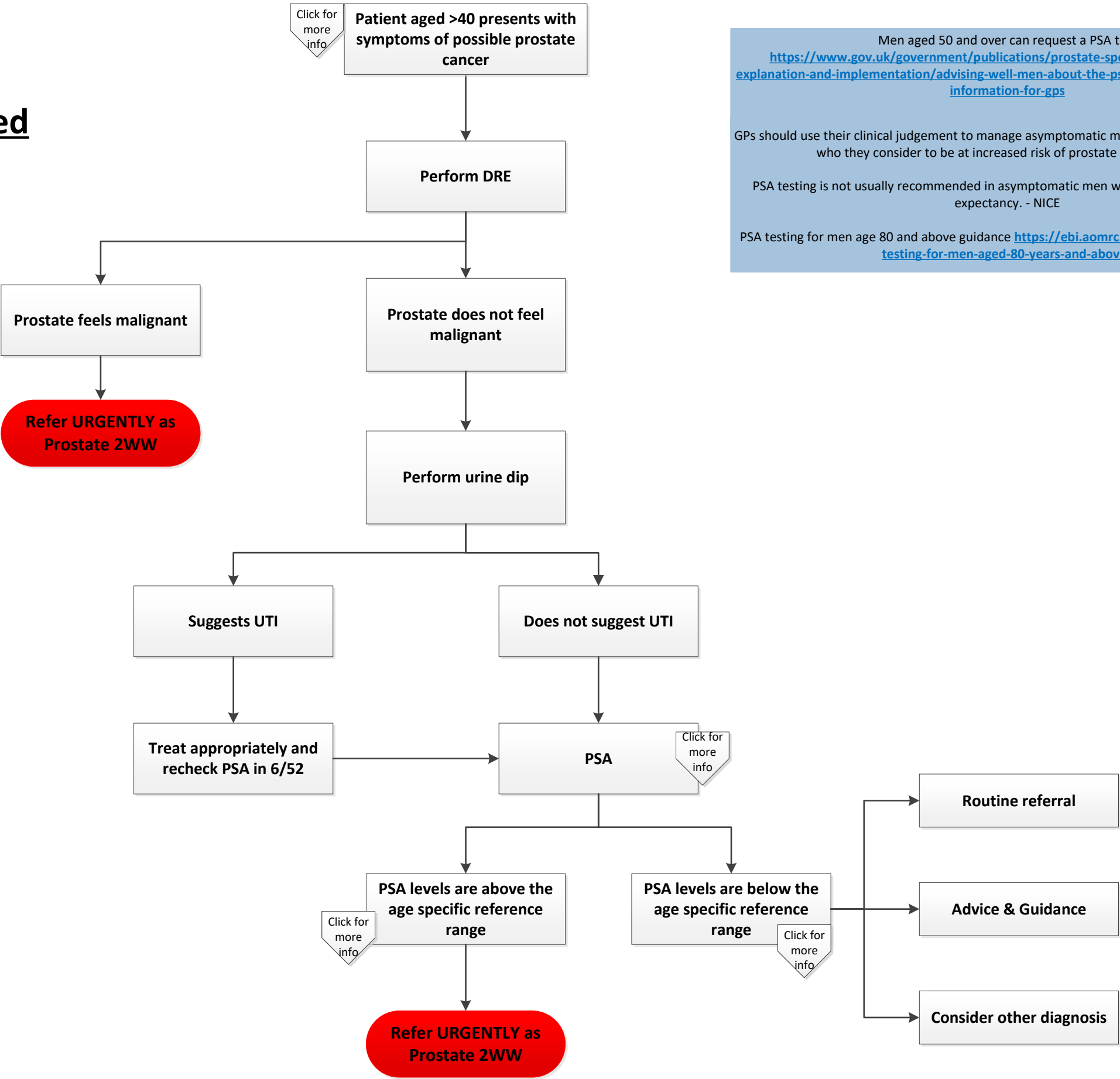


Prostate Cancer - Suspected

Risk factors for prostate cancer:

- Black ancestry
- Germline mutations
- Strong family history of prostate cancer



Men aged 50 and over can request a PSA test
<https://www.gov.uk/government/publications/prostate-specific-antigen-testing-explanation-and-implementation/advising-well-men-about-the-psa-test-for-prostate-cancer-information-for-gps>

GPs should use their clinical judgement to manage asymptomatic men and those aged under 50 who they consider to be at increased risk of prostate cancer. - PHE

PSA testing is not usually recommended in asymptomatic men with less than 10 years life expectancy. - NICE

PSA testing for men age 80 and above guidance <https://ebi.aomrc.org.uk/interventions/psa-testing-for-men-aged-80-years-and-above/>

Symptoms of Prostate Cancer

- LUTS symptoms (*these symptoms are common in older men and early prostate cancer will not usually produce these symptoms. However, locally advanced prostate cancer may cause obstructive LUTS*)
 - Nocturia
 - Frequency
 - Hesitancy
 - Urgency
 - Retention
- New erectile dysfunction
- Visible haematuria/haematospermia (**see renal and *bladder cancer pathway***)
- Lower back/bone pain
- Anorexia/weight loss

Age-specific reference range

Table 1 Age-specific PSA thresholds for people with possible symptoms of prostate cancer

Age (years)	Prostate-specific antigen threshold (micrograms/litre)
Below 40	Use clinical judgement
40 to 49	More than 2.5
50 to 59	More than 3.5
60 to 69	More than 4.5
70 to 79	More than 6.5
Above 79	Use clinical judgement

Patients on Finasteride or dutasteride must have their PSAs doubled before comparing against age-specific references as the drug falsely lowers their true PSA by 50% after 6 months of treatment; e.g. A PSA of 3.4 from a 75 year old on finasteride is NOT normal as it is really 6.8



PSA

Before a PSA test, **people should not have:**

- **An active urinary infection or within previous 6 weeks.**
- Ejaculated in previous 48 hours.
- Exercised vigorously, for example cycling, in the previous 48 hours.

Had a urological intervention such as prostate biopsy in previous 6 weeks