

Men - Screening Pathways (Diagnostic Imaging)

Average risk: No significant family history, known genetic mutation or major smoking history (for lung)

Moderate risk: 1st degree family member, dense breasts, moderate smoker or other recognised risk factors

High risk: Known genetic syndromes (e.g. BRCA, Lynch), strong family hx, heavy smoker, prior malignancy

Ages	Average risk	Moderate/high risk
20-39	No routine screening with imaging. Abdominal: only if symptomatic.	Testicular: Testicular cancer survivors - ultrasound surveillance based on Specialist protocol. Brain: Consider MRI Brain for concussion.
40-49	Prostate: No routine imaging. Cardiovascular: Consider CT calcium score, around age 45-50.	Prostate: If abnormal PSA, MRI prostate. Lung: Annual LDCT for high-risk smokers. Cardiovascular: CT calcium score in those >40 with diabetes.
50-74	Prostate: If PSA elevated, MRI prostate before biopsy. Bowel: CT colonography every 5 years (or colonoscopy). Lung: Annual low-dose CT for current or former heavy smokers. Cardiovascular: CT calcium score age 50, (if not already performed between 45-50 years).	Prostate: If PSA elevated, MRI prostate. Bowel: Earlier and/or more frequent colorectal imaging. Lung: Annual low-dose CT lung. Cardiovascular: CT Calcium score age 50, in conjunction with cardiology. Aorta: 65-75; single abdominal aorta ultrasound. Follow Vascular Society guidelines subsequently. Bone: Baseline Bone Density and/or Body Composition where risk factors* are present. Follow-up as per findings.
75+	Screening is individualised based on health status, life expectancy & patient preference. Prostate - MRI if PSA elevated. Bowel - only if clinically indicated. Lung - screening until age 80.	

* Risk factors that would indicate DEXA as a baseline screening tool:

- hormone-affecting metabolic disorders
- on medication associated with low bone mass or bone loss
- heavy drinkers/smokers, drug addiction
- digestive absorption disorders, e.g. Crohn's, ulcerative colitis
- minor fracture, over 50 years.