

4 of the innovations selected for the NHS Innovation Accelerator 2019 support prevention and early intervention in cancer

Why cancer?

Cancer is the leading cause of **premature death in the UK¹**



More than **360,000 people** are diagnosed with cancer each year in the UK²



1 in 8 men in the UK will get prostate cancer³



There are around **11,400 breast cancer deaths** in the UK every year - that's 31 every day⁴



Breast cancer is the fourth most common **cause of cancer death** in the UK, accounting for 7% of all cancer deaths⁴

Why prevention and early intervention?

- Around 4 in 10 cancers could be prevented by changes in lifestyle behaviours⁴
- 21% cancers are diagnosed after presenting as an emergency⁴
- Around 4 in 10 UK cancer cases every year could be prevented, affecting over 135,000 people⁴
- Academic studies show that for lung, colorectal and breast cancers the UK's below-average survival rates are in part due to later detection than in comparable countries
- Where cancer is not preventable, early intervention offers a significant difference to the quality of life a person can expect to lead and - in some cases - their chances of survival

Cancer is highlighted as one of the clinical priorities in the NHS Long Term Plan, which aims to boost survival rates by speeding up diagnosis

Meet the Fellows and innovations supporting prevention and early intervention in cancer...

Population Genetic Testing

Fellow: Ranjit Manchanda

Model of care for testing populations at higher risk of breast and ovarian cancers because they carry the BRCA1/2 genes

PrecisionPoint™ Transperineal Access System

Fellow: Rick Popert

Urology device transforming the prostate cancer pathway by introducing local anaesthetic transperineal biopsies

Skin Analytics

Fellow: Neil Daly

Skin Analytics uses AI algorithms that can take a dermoscopic image of a skin lesion helping to identify skin cancer

SkinVision

Fellow: Loes van Egmond

App empowering people to monitor their skin for early signs of skin cancer

