

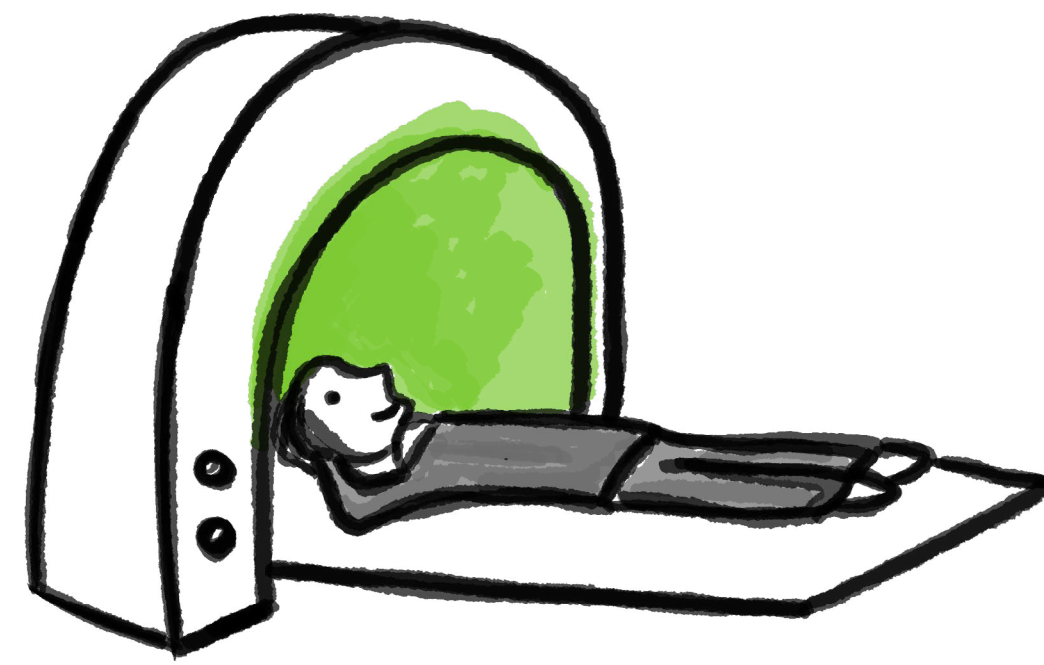
Lung cancer facts:

Lung cancer screening saves lives

The initiative

In lung cancer screening programmes, **asymptomatic, at-risk** individuals (e.g. specific age and smoking history) are invited for a consult by their GP or local hospital.

If necessary, they are offered an **ultra-low dose CT scan** of their lungs. Based on the outcome, they receive follow-up scans or treatment.



The research

Proven benefits

Results of the **NELSON trial** showed significant reductions in total lung cancer deaths by 24% for men and 33% for women, compared with no screening.

Low potential harm

An **analysis** of five UK lung cancer screening programmes concludes that the reported patient harms were low and did not outweigh the benefits.

“Targeted lung cancer screening is likely to be the **single most important implementation** to improve outcomes in patients with lung cancer.”

Joint statement by the British Society of Thoracic Imaging and the Royal College of Radiologists

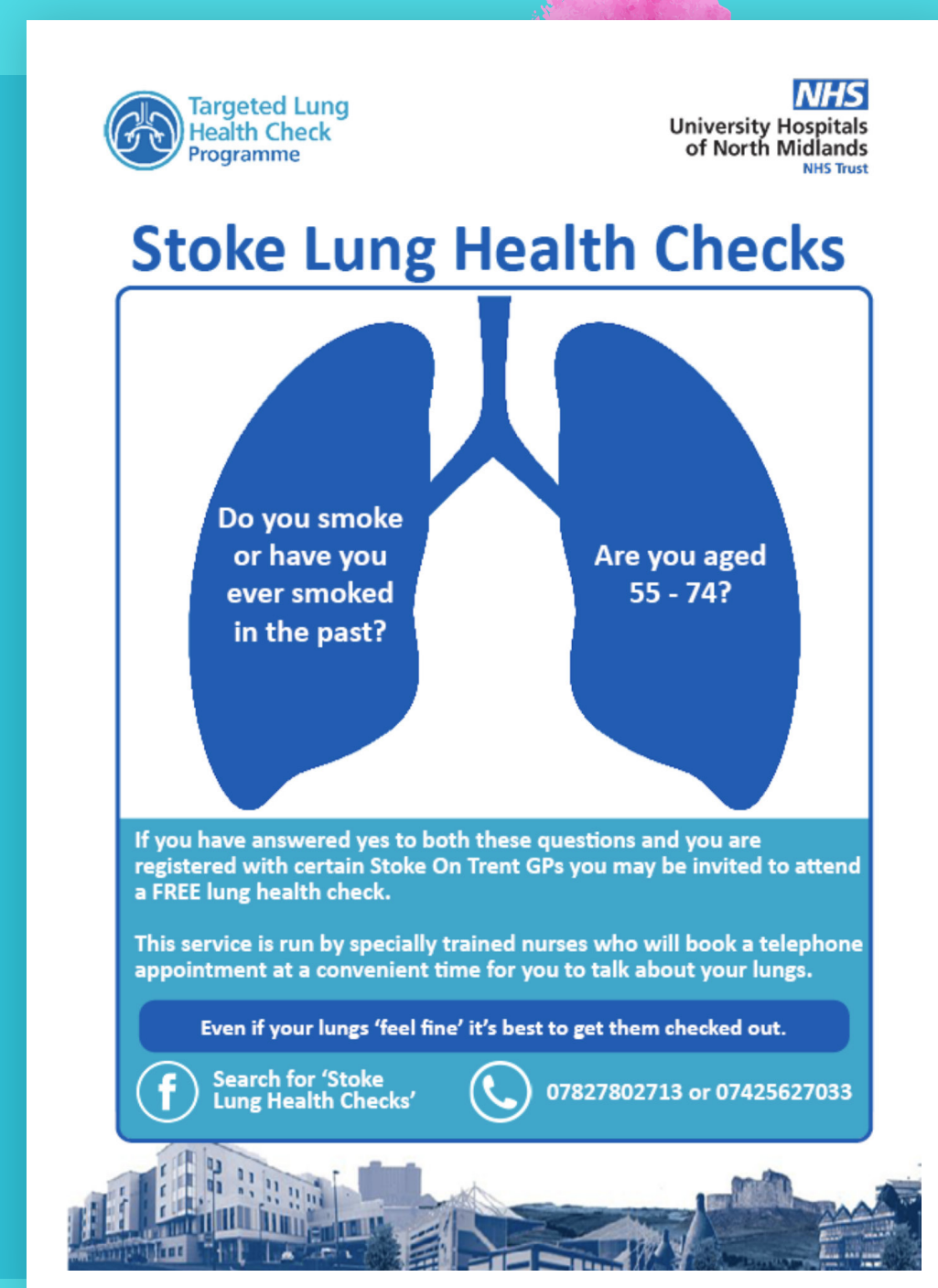
An example

The Targeted Lung Health Checks

- Since 2018, the initiative has **boosted** early diagnosis in deprived areas, catching **2,000 lung cancers, 76% at an early stage.**
- The programme will be **rolled out** across the UK, giving an expected **9,000 people each year a fighting chance** against lung cancer through early diagnosis.
- Artificial intelligence (AI) tool **Veye Lung Nodules** is supporting radiologists to report on the large volumes of chest CT scans.

Source:

[Stoke Lung Health Checks Facebook page](#)



Do you want to learn about the use of **AI in lung cancer screening?**

Get in touch.