

ABOUT

What is PREDICT-PanC?

PREDICT-PanC is a clinical research study exploring whether AI analysis of CT scans can help doctors make more accurate treatment decisions for people with pancreatic cancer.

The AI system has previously been evaluated in retrospective research studies and is now being tested prospectively in real clinical decision-making.

BACKGROUND

Why does it matter?

Pancreatic cancer is one of the most difficult cancers to treat. Surgery offers the only chance of cure, but deciding on the best treatment option can be demanding, even for experts.

- Different teams sometimes reach different conclusions from the same scan
- Patients may undergo exploratory surgery only to find the tumour cannot be removed
- Earlier, more accurate decisions could mean better outcomes

DATA PROTECTION

Is my data safe?

- ✓ All data is fully anonymised — no personal identifiers
- ✓ Not shared with third parties or commercial organisations
- ✓ Stored on encrypted NHS and university systems only
- ✓ Full NHS Research Ethics Committee review

THE STUDY

How does it work?

Phase 1

Silent Evaluation

The AI analyses CT scans in the background. Doctors make decisions as usual without seeing the AI results. Researchers compare predictions with clinical outcomes to update and improve the algorithm.

Phase 2

Decision Support

AI predictions may be shown to specialist teams during clinical discussions. Clinicians will ultimately decide how to treat the patient. Researchers evaluate whether this improves decisions and outcomes.

GET INVOLVED

How can I contribute?

We welcome input from anyone with lived experience of pancreatic cancer — as a patient, carer, or family member.

- Review patient-facing study materials
- Advise on outcomes that matter to patients
- Comment on how AI is explained to patients
- Attend occasional short meetings (online or in person)