

MR-linac: a radiotherapy evolution

Real-time treatment personalisation for cancer patients

The Rutherford Cancer Centres and Elekta are bringing the next generation of personalised adaptive radiotherapy technology to oncology centres across the UK, with the new **Elekta Unity MR-linac** available at the Rutherford Cancer Centre North West in Liverpool.

Integrating MR (magnetic resonance) with precision RT (radiotherapy), this pioneering technology enables real-time visual tracking meaning that treatment adaption is possible at the same time when treating cancer patients.

SCAN: Visualise daily changes with sub-millimetre resolution

PLAN: React to changes in the tumour and reshape the dose

TREAT: See the tumour while treating with stereotactic precision

PERSONALISED RADIOTHERAPY

The Elekta Unity is setting a new standard for radiotherapy, ensuring that every patient's treatment is adapted to their real-time status.

CONTACT US

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PUTTING THE PATIENT FIRST

Elekta Unity has been carefully designed to make the treatment - for patients of all shapes and sizes - as comfortable as possible.

Rutherford Cancer Centre North West

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ADVANCED CANCER CARE

There are opportunities for clinicians to get involved and develop their professional skills in this exciting area of treatment and research.