

CASE STUDY

MTX PROVIDE NEW HOSPITAL FACILITIES



LEAD PRODUCTS USED:

Midland Lead supplied the following specialist radiation protection products designed, certified and fit-for-purpose:

- Lead-lined plasterboard used to line the walls
- Lead-lined observation window
- Lead flooring to protect the floor below

THE PROJECT

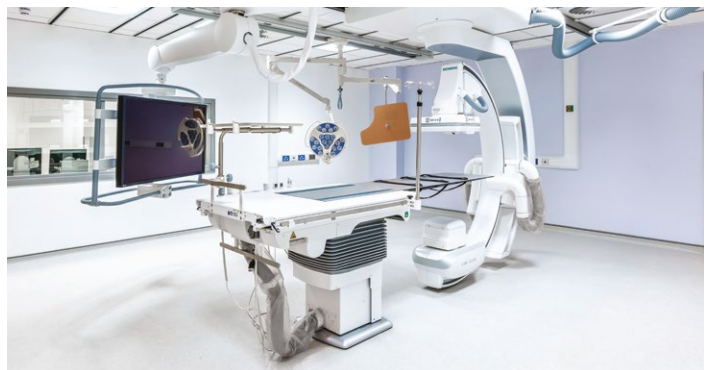
MTX was appointed as the principal contractor to develop a new state of the art Interventional Radiology Unit (IRU) for **Norfolk and Norwich University Hospital**. Providing care to one million people from Norfolk and neighbouring counties with world class facilities and highly skilled staff. The hospital has made strides forward to provide advanced radiotherapy treatment planning and delivery for treatments of patients with cancer.

Paul Williams, MTX Project Manager said;

"The work was done while the hospital remained open and we were limited for space. The project was challenging in many ways, being located on a roof with live facilities operating underneath. All deliveries and installations had to be planned meticulously to ensure excellent health & safety for staff, visitors and our team at all times."

RADIATION PROTECTION

Midland Lead's specialist radiation protection products have been used for this project to provide the right products that are fit-for-purpose. The new single storey facility that MTX designed and developed includes four specialist large treatment rooms and seven bay recovery wards that include private side rooms. They also created supporting ancillary areas and reception with a waiting area.



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Lead-lined plasterboards were made to order at specific sizes that minimised waste, increased efficiency and reduced the overall costs. Midland Lead also supplied a bespoke observation window that enables the NHS operator to see directly into the theatre whilst being fully protected from the effects of radiation. In addition lead sheet was installed into the floor to prevent radiation passing into the area below.

Jake Slade, Sales Specification Manager at Midland Lead worked closely with MTX to ensure the right products were developed for the project; *"I initially worked with the project team at MTX to offer the most suitable products in line with the plans and the radiation protection report. I also visited site, so I could fully understand the requirements and to discuss manufacture, delivery and installation. It was a pleasure to work with MTX who use modern methods of construction to an excellent standard."*

Paul Williams, MTX Project Manager commented; *"Completing this prestigious IRU project has been one of my greatest achievements as project lead. Midland Lead acted with professionalism and safety which reflected their experience in the industry. Thanks to all involved."*

KEY FACTS

- This modular building was innovative in its approach and delivered a bespoke rooftop solution to ensure that no further ground space was taken up.
- Development of a new state-of-the-art single storey building that is now one of the leading centres for IRU.
- The project was delivered during the Coronavirus pandemic whilst the busy A&E department and helipad remained open for the duration.

- Radiation protection equipment met full Building Regulations.
- Midland Lead radiation protection products were used to create the lining of walls and construction of an observation window and lead-lining of the flooring.

ABOUT MTX

MTX is a privately owned construction and engineering company that delivers single source construction and engineering solutions to the UK's public and private sectors. MTX is renowned for promoting innovation and sustainable construction and focusses on niche sectors, predominantly buildings and facilities that demand a high level of construction coordination. Their clients are among the UK's most prestigious and respected organisations.

The team at MTX team has extensive knowledge in constructing environments that require a high level of mechanical and electrical engineering coordination and are proud to have gained an enviable reputation for a commitment to consistently meet customer's expectations in terms of safety, programme, budget, design and quality.

If you have a project needing expertise in Radiation Protection for Healthcare, then get in touch with us to discuss how we can help. **Call us on +44 (0) 1283 224 555 or contact us via our website.**

