# MRI Relocation 1, 2 and 4

## Healthcare / Extension and Refurbishment

### Key Features:

- Three new MRI machines installed
- Works completed under strict COVID-19 protocols
- Major construction site immediately adjacent

Delivered through the COVID-19 pandemic, we refurbished two existing MRI suites and the demolition and rebuilding of an extension to form one other.

Owing to the requirement for the imaging department to remain operational, we collaborated with end users to confirm a phased programme. This strategy ensured that the imaging department continued to provide services throughout the project. Moreover, it allowed for the occupation of areas as they were completed.

In the design stage, MEP coordination meetings with the Trust Engineering team ensured maintenance post-completion (access, etc) was included in design decisions taken in our CDP process. Moreover, Design team meetings ensured compliance with HBN and HTM and agreed some derogations; with implications on budget and space planning communicated to the Trust.

To mitigate risk, we carefully coordinated the services package through the preconstruction stage. Several Services Workshops were staged with our MEP subcontractors, consultants and the MRI Suppliers. These confirmed dates, delivery process, installation, commissioning and client training. Moreover, it ensured the Mechanical and Electrical design was coordinated between both packages and the MRI Supplier.

Also, this early engagement helped inform procurement of the crane package. With confirmation of the MRI process, we staged early-engagement with the Trust regarding the delivery of associated MRI plant to the roof. This ensured a plan was agreed to mitigate risk to the Heart Attack Centre and Ambulance Routes.

### Sensitive Site Environment

Our enabling works were inclusive of temporary propping and jacking of the major structural support gantry.

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| Project Value: | £2,800,000 |
| Programme Duration: | 74 weeks |
| Architect: | Ansell & Bailey LLP |
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This was particularly complex, owing to the gantry holding the site setup of the adjacent construction site Contractor.

Throughout the works, we continued to accommodate this Contractor and their major construction site; which was immediately adjacent to our work areas. This included maintaining open interfaces, close collaboration and regular reviews with their key team and the Trust throughout our contract. This ensured we robustly mitigated any possible disruption to the operation of the Hospital or either site.

In addition to this adjacent construction site, we robustly mitigated disruption to the Heart Attack Centre. Full access to this critical facility, situated within the immediate vicinity of our site area, had to be maintained at all times. T To ensure the completely uninterrupted operation of this department, we promoted proactive engagement with this team and the Estate department.

This was particularly crucial during the new build extension phase, to accommodate the provision of the three new MRI scanners on site without any disruption to Ambulance routes.

Weekly departmental meetings continued, to ensure the adjacent Units were unaffected by our works. Feedback was used to shape future site activities. Noise and vibration monitoring, discussed in these meetings, ensured medical equipment remained functional.

### Safe Working Through the COVID-19 Pandemic

Infection control was critical, especially due to this project being delivered during the COVID-19 pandemic. Social distancing, enhanced cleaning regimes and weekly reviews with the Trust were key safeguards implemented. Regular inspections from Infection Control ensured our approach was suitably robust.

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