

FREEMAN HOSPITAL DAY TREATMENT CENTRE



Client: Newcastle-upon-Tyne Hospitals NHS Foundation Trust

Project Value: £16 million

Form of Contract: Design and Build

Project Details: The facility is a 35,000 ft² building, constructed on the site of a carpark within the Freeman Hospital grounds. A fast track project designed to tackle the waiting list challenges of the Covid pandemic, as well as to ease pressures on the operating theatres in the main hospital building, it comprises four operating theatres alongside associated assessment and recovery areas, providing capacity for procedures such as: musculoskeletal health, urology, general surgery, plastic surgery, neurology and cardiology.

Three discrete zones were established with three different structural forms:

- Plant area - a two-storey building designed to accommodate the extensive plant alongside the mechanical and electrical equipment required to service the operating theatres.
- Operating Theatres - Identified as the critical path areas due to the extensive specialist fit-out required.
- The structural form for these is load bearing blockwork, with a steel roof structure to control deflections of the overhead theatre equipment.
- Ward areas - quickly established during the design process as a cellular arrangement, these areas were framed in Light Gauge Steel (LGS) structural framing.