

### Working in Partnership

The major driver in the success of any project of such a complex nature as this is the supplier's need to arrive at a thorough understanding of the end user's needs – a process which requires discipline both on the part of the supplier and the client.

The Trust's team, led by the DSU unit manager and the lead consultant anaesthetist, worked closely with ModuleCo Healthcare to achieve the design that worked for them.

Several user group meetings were held, resulting in a final set of C sheets being agreed.

The staff who were to be ultimately responsible for running each individual area in the facility were given the final say in the agreement of the content of individual rooms, giving the Trust the opportunity to achieve exactly the workflow they required to meet their needs.

The proactive attitude of the Trust coupled with the ModuleCo design process and factory build ethos enabled the design, installation and commissioning of a complex, state-of-the-art orthopaedic theatre facility in an impressive 20 week period.



Laminar flow canopy with 3.5m<sup>2</sup> clean zone



Membrane surgeon's panel with X-ray viewer



## Twin Theatre Day Surgery Unit

The Robert Jones and Agnes Hunt NHS Foundation Trust  
The Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry



For permanent solutions contact  
**01242 663050**  
www.moduleco.com



For semi-permanent and lease hire options contact  
**01242 663060**  
www.healthcarehire.com

### Our range covers all essential healthcare areas and includes:

- Operating theatres
  - General anaesthetic
  - Orthopaedic
  - Ophthalmic
- Recovery areas
- Wards
- Endoscopy suites
- Theatre sterile supply units
- Diagnostic rooms
- Patient and staff ancillary areas
- Isolation wards
- High dependency units
- Containment areas
- Pathology laboratories
- Mortuaries

# Specialist Orthopaedic Day Surgery Unit

High volume orthopaedic day surgery unit operational 20 weeks after order enabling the Trust to increase its theatre capacity by 25%.



# Robert Jones and Agnes Hunt High Volume Orthopaedic Day Surgery Unit

**Robert Jones and Agnes Hunt District and Orthopaedic Hospital is a specialist orthopaedic hospital with an international reputation for innovation and research.**

The hospital had two prime objectives. Firstly, to replace an existing day surgery theatre which was struggling to meet the demands put upon it by modern practice and technique in terms of space and specification. Secondly, it needed to increase its capacity for elective surgery with additional space suitable for more complicated arthroplasty that would be equipped with 3.5m<sup>2</sup> clean zone laminar flow canopies.

Selecting the right location required detailed thought. Key considerations were that the Day Surgery Unit (DSU) required its own entrance, but also that the laminar flow theatres needed to link to the main hospital corridor so that patients could easily be moved between the theatres and wards.

The location chosen was occupied by a concert/assembly hall, which after demolition left a complicated site profile bounded by essential buildings such as a plant room, pathology lab and the hospital's telephone exchange.

ModuleCo Healthcare's final design had to both maximise the space available to deliver the functionality required by the Trust as well as maximise the amount of off site build in order to meet the challenging timeframe.

ModuleCo worked closely with the Trust, their appointed civil engineers, enabling contractors

and Capita, their appointed project managers. The project was handed over on time and on budget, 20 weeks after the order to proceed.

The Trust's team demolished the concert hall, built foundations and delivered M&E services concurrent with the DSU being built in the factory. The facility was delivered over weekends and only 6 weeks on site was required to finish and commission the building.

The facility is on hire with the Trust for a seven year period during which time the Trust plans a major refurbishment of the estate and service infrastructure.



2 Pre-op ward



3 Operating theatre



1 Outpatient reception



4 First stage recovery



5 Second stage recovery and discharge lounge



**Do you need help with your next healthcare facility? Contact us to discuss your requirements**

For permanent solutions contact  
**01242 663050**

For semi-permanent and lease hire options contact  
**01242 663060**