



# ModuleCo

# PROJECT UPDATES

SPECIALISTS IN MISSION CRITICAL HEALTHCARE FACILITIES

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# ModuleCo Theatres Increase Operations By 2,800 Each Year

**BBC**  
**NEWS**  
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# New State Of The Art Theatres



ModuleCo have installed two state-of-the-art operating theatres at the Royal Berkshire Hospital. The new theatres enable The Redlands Elective Orthopaedic Unit to now be able to carry out an additional 2,800 operations each year.

These new theatres are provided with laminar flow canopies to provide ultra clean ventilation. Specialising in orthopaedic procedures, in particular joint replacements, the Trust requires these canopies to produce a flow of sterile air over the patient to minimise the risk of post operative infection.

This new facility was sited next to an existing ModuleCo theatre and ward delivered which was in 2007. The old and the new facility create a single elective orthopaedic centre comprising four theatres, six recovery spaces and a thirty-bed ward.



This facility was procured under a fifteen year Managed Service Contract provided by ModuleCo Healthcare (MCH). Procurement Financing Options are outlined on page 8

**"It is brilliant that we have got this facility to enable us to do the best for patients."**

Royal Berkshire Hospital's Consultant Orthopaedic Surgeon

**Royal Berkshire Hospital's £10m surgical unit to open**

About 2,800 operations will take place at the new orthopaedic unit each year

**A £10m surgical facility and ward is set to be opened at the Royal Berkshire Hospital.**

The Redlands Elective Orthopaedic Unit will include four operating theatres and about 40 beds.

A Royal Berkshire NHS Foundation Trust spokesman said: "Around 2,800 operations and procedures a year will be carried out in the new unit."

The facility will focus on hip and knee replacements, hip arthroscopies, and spinal and shoulder surgery.

The theatres specialise in joint replacements and require ultraclean ventilation, which means filtered air flows through and removes bacteria from the inside, whilst preventing bacteria getting in from the outside.

Care Group director Peter Malone said: "Creating as sterile environment as possible is really important for our orthopaedic patients because bones are particularly susceptible to infection - and bone infections can have devastating consequences."



# ModuleCo Expand Maternity Unit by 50%

ModuleCo seamlessly incorporated four individual two-storey buildings into the existing Maternity Unit to provide West Middlesex NHS Foundation Trust the capacity for an additional **2000** new births each year.

Maintaining the home-away-from-home environment of the original facility, the expansion included additional antenatal and postnatal rooms, consultation rooms, birthing pool suites and an 8 bed special care baby unit.

The additional facilities also included a purpose built transitional care area for babies requiring on-going treatment and monitoring.

**Queen Mary Women's Health Unit** Consultation Rooms



**Queen Mary Maternity Unit** Post-Natal Rooms With En-Suite Bathrooms



**Natural Birthing Centre** Special Care Baby Unit

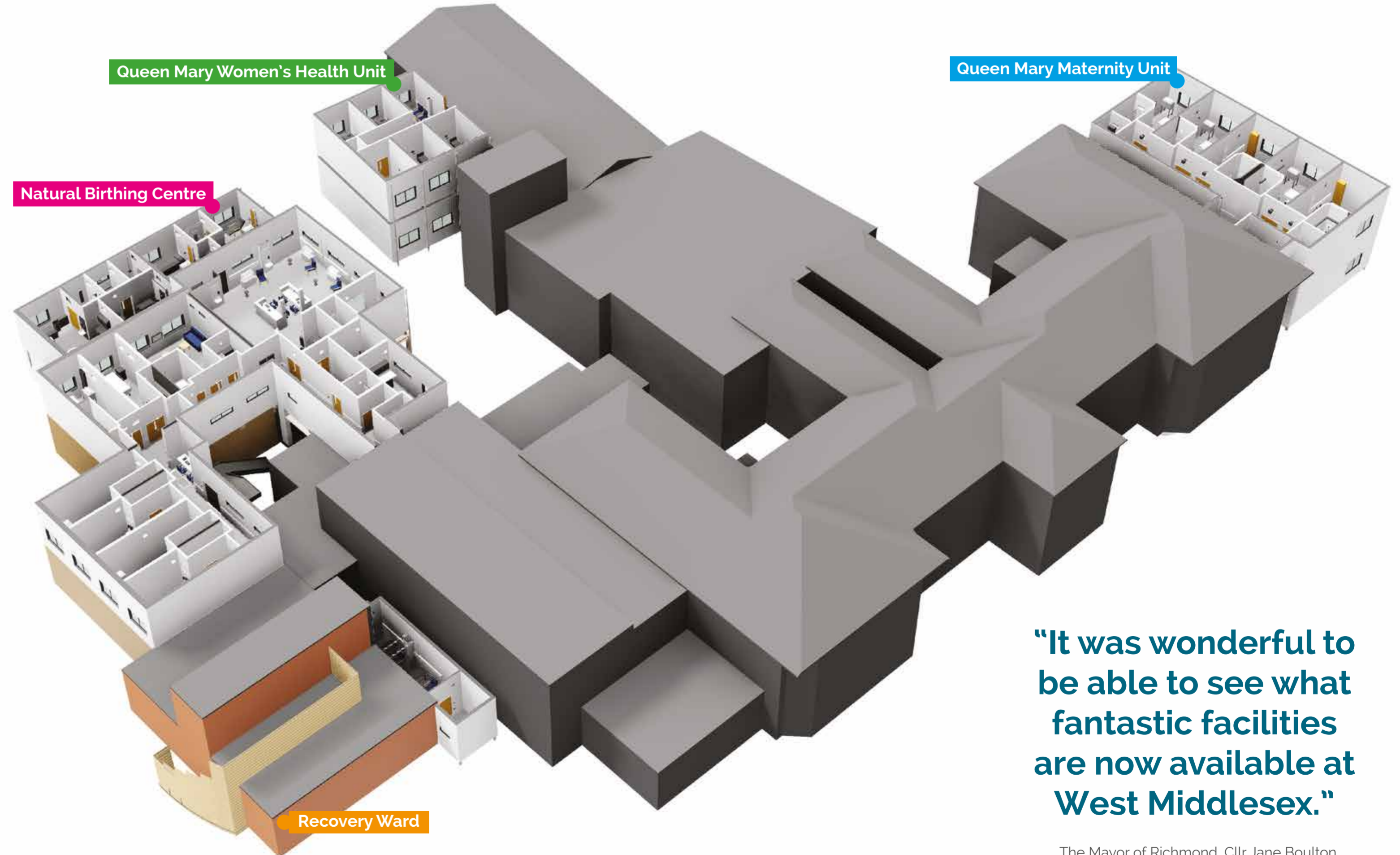


**Natural Birthing Centre** Birthing Suites



## Existing ModuleCo Maternity Theatres

With a previous ModuleCo maternity theatre installed in 2008, we were able to continue the sympathetic design with the use of external cladding which remained in keeping with the existing maternity unit.



**"It was wonderful to be able to see what fantastic facilities are now available at West Middlesex."**

The Mayor of Richmond, Cllr Jane Boulton  
Attending the opening ceremony of the Maternity Unit

# Transforming Perceptions of Modular Construction

This large four-theatre complex sets the standards for pre-fabricated construction. With our unique assembly approach, it is unrecognisable as a modular building. A concrete slab floor throughout increases the facilities suitability for procedures requiring high levels of precision.

**“The theatres are future proof”**

Director of Information and Facilities

The theatres were fitted with state of the art equipment including skirtless ultra clean laminar flow canopies to reduce the risk of post operative infections acquired during surgery.

**“...a state-of-the-art environment for our surgeons to work in”**

Consultant General & Colorectal Surgeon



ModuleCo contributed towards the Trust's target of a 'very good' rating for the theatre complex. High volumes of heated or cooled fresh air are constantly replenished in theatres to comply with HTM03/1, maintain room pressures and control infection. Under these conditions, a 'very good' rating is both challenging and impressive to achieve.



## Procurement Framework

ModuleCo work with an affiliated company, ModuleCo Healthcare (MCH), to provide financing options for healthcare buildings.

MCH specialise in procurement and revenue solutions for the provision of specialist modular healthcare facilities into the public sector, in particular the NHS. We have significant experience and a proven track record of working with the public sector and its supply partners in providing affordable and compliant alternatives to outright capital purchase.

## Procurement Framework

MCH is an accredited supplier on the Crown Commercial Service Modular Buildings Framework. The tender process involved has established that MCH meets strict quality, fitness for purpose and value for money criteria. This means that our public sector clients do not have to go through a lengthy tender process to procure our modular healthcare buildings. Using the framework can provide you with the following benefits:

- Competitive pricing
- Ease of ordering
- Speed of procurement
- OJEU compliance

This Framework aims to compliment the speed of Modular/ Offsite Construction by providing an equally quick, easy and compliant procurement route.

We design each solution with the client's specific budget in mind and can structure repayment frequency according to requirements. MCH has structured procurement and revenue solutions over periods of between 3-15 years.

## Managed Service Option

At ModuleCo Healthcare we can work with our clients to facilitate a fully Managed Service Contract for our specialist modular healthcare facilities. The Managed Service Contract can include the design, build, installation and delivery of the facility together with the provision of hard and soft services for a fixed period for a VAT recoverable fee.

## Off and On Balance Sheet Options

In the public sector there is often a requirement for funding solutions to be classified as being 'off balance sheet'. MCH's knowledge of accounting standards (including SSAP21, IFRS, GAAP, and IAS17), coupled with our experience in consulting with public sector auditors, ensures that we are able to consistently structure solutions which meet the relevant accounting requirements.



*West Middlesex Maternity Unit is a current facility on long term hire with MCH.*



To discuss permanent or hire solutions for your next project please contact

**01242 663050** for more information

[www.moduleco.com](http://www.moduleco.com)

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

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