

Beyond Speed: The Wider Impact of Offsite Delivery for Healthcare

Lessons from Good Hope Hospital



mcavoyhealth

adaptable healthcare facilities

The challenge

Expand clinical capacity in a live hospital setting

- Increase clinical capacity quickly
- Maintain unrestricted ambulance access
- Protect patient and staff movement
- Minimise disruption to hospital operations
- Deliver a high-quality, fully operational facility

**The brief was simple.
The environment wasn't.**



**Healthcare capacity can't wait –
but hospitals can't stop.**

Good Hope Hospital required additional clinical space while the existing hospital continued to operate.

Why offsite?

Offsite was not simply the construction method. It was the solution.

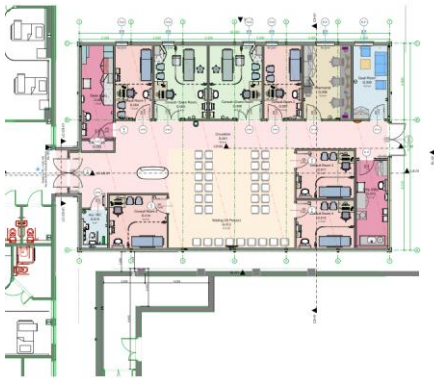
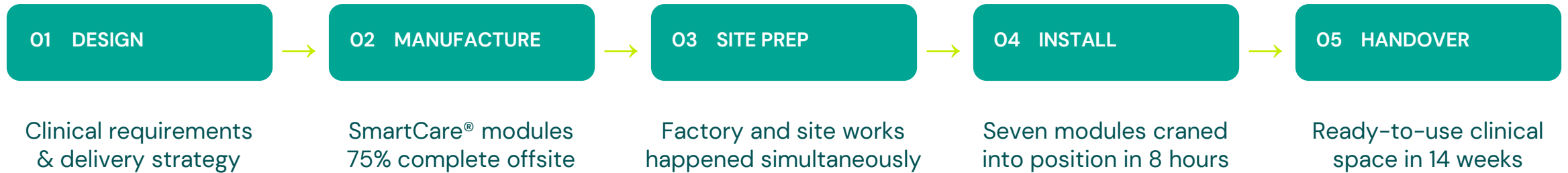
- 75% of the modules completed offsite
- Controlled factory environment
- Greater quality control and precision
- Reduced project risk
- Less time spent and activity on site

**Move the work away from the hospital.
Bring the finished space to the patient.**



From factory to frontline

The delivery strategy removed as much construction activity as possible from the live hospital.





The installation

**Seven modules.
One weekend.
Eight hours.**

The modules were craned into position during a carefully planned weekend operation.

- Minimal disruption to patients and staff
- Unrestricted ambulance access maintained
- Pedestrian interfaces protected
- Controlled lifting and logistics

14 WEEKS

8 HOURS

Designed around clinical needs

The project prioritised patient flow and urgent care delivery – not just physical capacity



5

consulting rooms

2

examination rooms

33

person waiting area

1

link corridor to existing
building

Also includes pharmacist space, quiet room, accessible toilet, clean and dirty utilities, IPS furniture and a standalone plant deck.

Sustainability & social value

Performance beyond the building

Environmental performance was embedded alongside rapid delivery and community value.

Speed did not come at the expense of sustainability or community value.

Key outcomes

530 tonnes

demolition & excavation materials recycled or repurposed

No temporary diesel generators

Direct connection to the existing power supply reduced temporary carbon-intensive generation.

99.8%

Waste diverted from landfill

20%

Workforce locally employed

Social value

- Apprentices engaged in factory and site works
- Local suppliers prioritised wherever possible
- Newsletters, signage and site visits supported stakeholder engagement

The outcome

A new chapter in urgent and emergency care

“This new clinical space represents a major step forward in how we care for patients who come to us in urgent need. It has been designed to provide quicker assessment, faster access to treatment, and a smoother journey of care — all in a safe, modern environment that supports both patients and staff.”

Simon Jarvis
Hospital Executive Director



What made the solution different?

PRECISION

75% completed offsite

Controlled manufacture supported quality, integrated services and ready-to-use clinical spaces.



LIVE-SITE CONTROL

8-hour installation

Craning strategy concentrated the most disruptive activity into a planned weekend operation.



SPEED

14-week delivery

Parallel factory and site activity reduced the programme burden on the live hospital.



The key difference was not one component – it was the integration of manufacture, logistics, installation and clinical planning into one delivery strategy.

Collaboration was the enabler

- Collaboration with University Hospitals Birmingham NHS Foundation Trust from the outset
- Clinical and operational requirements considered throughout
- Coordinated logistics, lifting and live-site interfaces
- Local workforce, apprentices and suppliers involved
- Transparent communication fostered trust across all stakeholders

**From factory to frontline,
every interface mattered.**

The takeaway

**Offsite isn't simply
about building faster.**

**It's about creating the capacity
to deliver care without
disrupting it.**

Thank you



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