



Mobile laminar flow operating theatre

## Winter Planning

High quality clinical capacity, at pace, including:

Theatres | Wards



FLEXIBLE FINANCE SOLUTIONS

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# As winter pressures mount, the ability to quickly increase capacity becomes crucial

The short to medium-term addition of an extra theatre or ward protects elective and acute patient pathways.

Any delays in the patient pathway can impact people's health. Increasingly, healthcare providers are using innovative ways to create additional capacity and positively impact on patient experience.

Mobile and modular infrastructure solutions from Vanguard can be swiftly deployed to create additional clinical space, enabling hospitals to effectively manage increased demand and maintain high-quality patient care during challenging times.

Our mobile solutions, including laminar flow operating theatres, wards, endoscopy suites and decontamination facilities, are designed for rapid deployment.

Our modular facilities, created using modern methods of construction, offer flexible expansion options tailored to the specific needs of hospitals during winter surges. Whether you require temporary treatment areas or fully equipped clinical spaces, our modular approach allows for rapid configuration and scalability to meet evolving demands.

We understand the importance of seamless integration with existing hospital infrastructure. Our solutions are designed to complement your current setup, minimizing disruption and ensuring continuity of care for patients during periods of heightened demand.



For more information, please scan the QR code or visit [www.vanguardhealthcare.co.uk/case-studies/](http://www.vanguardhealthcare.co.uk/case-studies/)





# Mobile wards and operating theatres helping ease winter pressures

An innovative mobile ward facility provided by Vanguard has helped **Hereford County Hospital** to manage an increase in demands on hospital services.

A mobile hospital ward with 8 bays was delivered to Hereford County Hospital at the beginning of September. Integrated with the main building by a purpose-built corridor to ensure easy access to other clinical areas, the ward helped manage an increase in demands on hospital services.

This was particularly key as the Trust prepared for winter, and a reflection of the unprecedented pressure on services which had continued through the year.

The number of patients attending the Emergency Department suffering from major illnesses or injuries traditionally rises through winter but during the previous year,

this increase had continued throughout spring and into the summer months, with Emergency Department attendances higher by 10-20 patients each day.

**“Our priority is to ensure we deliver safe and efficient care during periods of high demand, particularly during the winter period.”**

**The Vanguard unit provides a high-quality clinical environment appropriate for patient care and will help us now and also as we prepare for winter pressures.”**

Jane Ives, Wye Valley NHS Trust managing director

For more information, please scan the QR code or visit [www.vanguardhealthcare.co.uk/hereford-county-hospital-prepares-for-winter-hospital-pressures/](http://www.vanguardhealthcare.co.uk/hereford-county-hospital-prepares-for-winter-hospital-pressures/)



**North Lincolnshire and Goole NHS Foundation Trust** took delivery of a mobile operating theatre to help prepare for upcoming winter pressures.

The Vanguard theatre has allowed the Trust to carry out an extra 120 operations per month, providing services for patients across Scunthorpe, Grimsby and Goole.

The theatre provides an anaesthetic room, an operating theatre and scrub area, a two-bed, first-stage recovery area, an HEPA-filtered environment, integrated medical gas banks, a changing room and utility areas.

The theatre has been used for procedures including general surgery, urology, gynaecology and orthopaedics. A Vanguard clinical team supports the Trust's surgeons and anaesthetists.

The mobile theatre was linked seamlessly to the main hospital building by a purpose-built corridor, ensuring that patients feel the theatre is part of the main hospital building.

**“We have been working hard behind the scenes planning for the winter period and we're delighted to have increased our capacity to treat patients through using this mobile theatre.”**

Kerry Carroll, Associate Director of Strategy and Planning at NLAG

For more information, please scan the QR code or visit [www.vanguardhealthcare.co.uk/trust-prepares-for-winter-pressures-with-mobile-theatre-installation/](http://www.vanguardhealthcare.co.uk/trust-prepares-for-winter-pressures-with-mobile-theatre-installation/)





# Protecting patient pathways

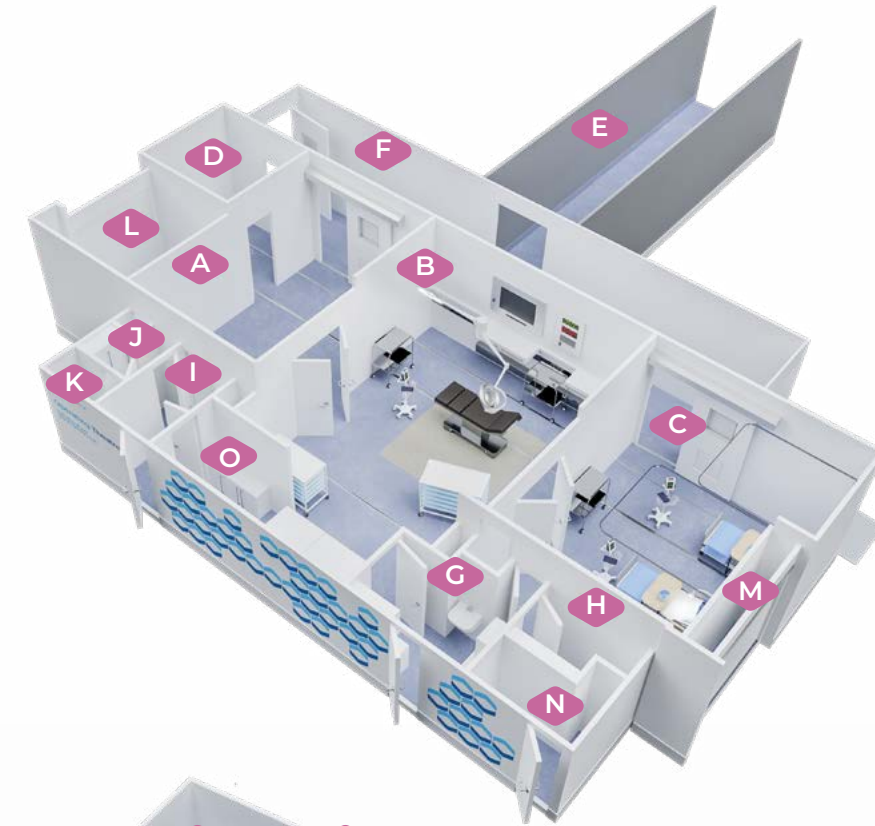
## A mobile solution or a tailored mixed-modality facility provides the required capacity.

Having a protected theatre for use only for elective procedures allows surgery to carry on throughout the winter months, without disruption.

It also assists with infection control, with everything, from booking in the patient through to aftercare, being possible within

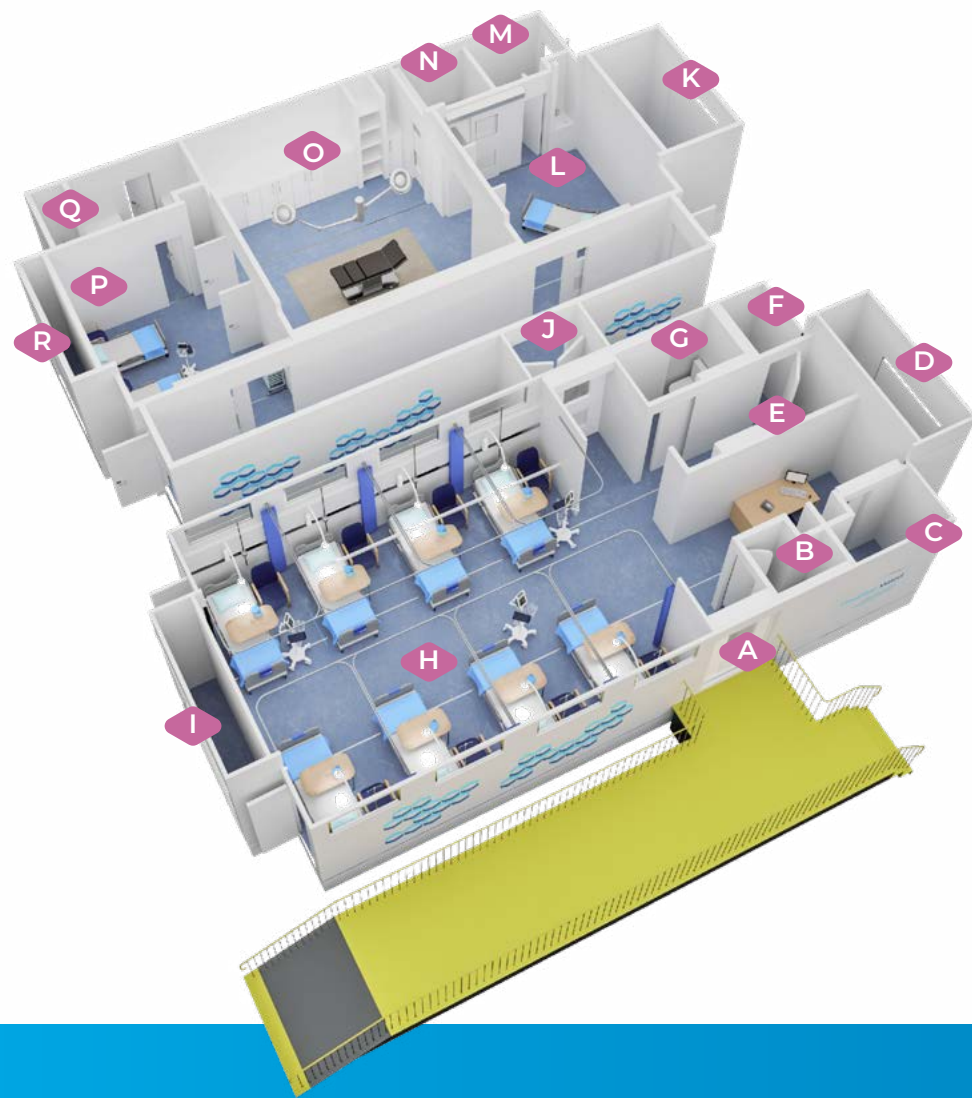
the facility, meaning there is no need for the patient (and reduced need for staff) to enter the main hospital building.

Mobile or modular ward spaces can also be used to create protected beds or overflow beds during the winter months, often in combination with a mobile operating theatre.



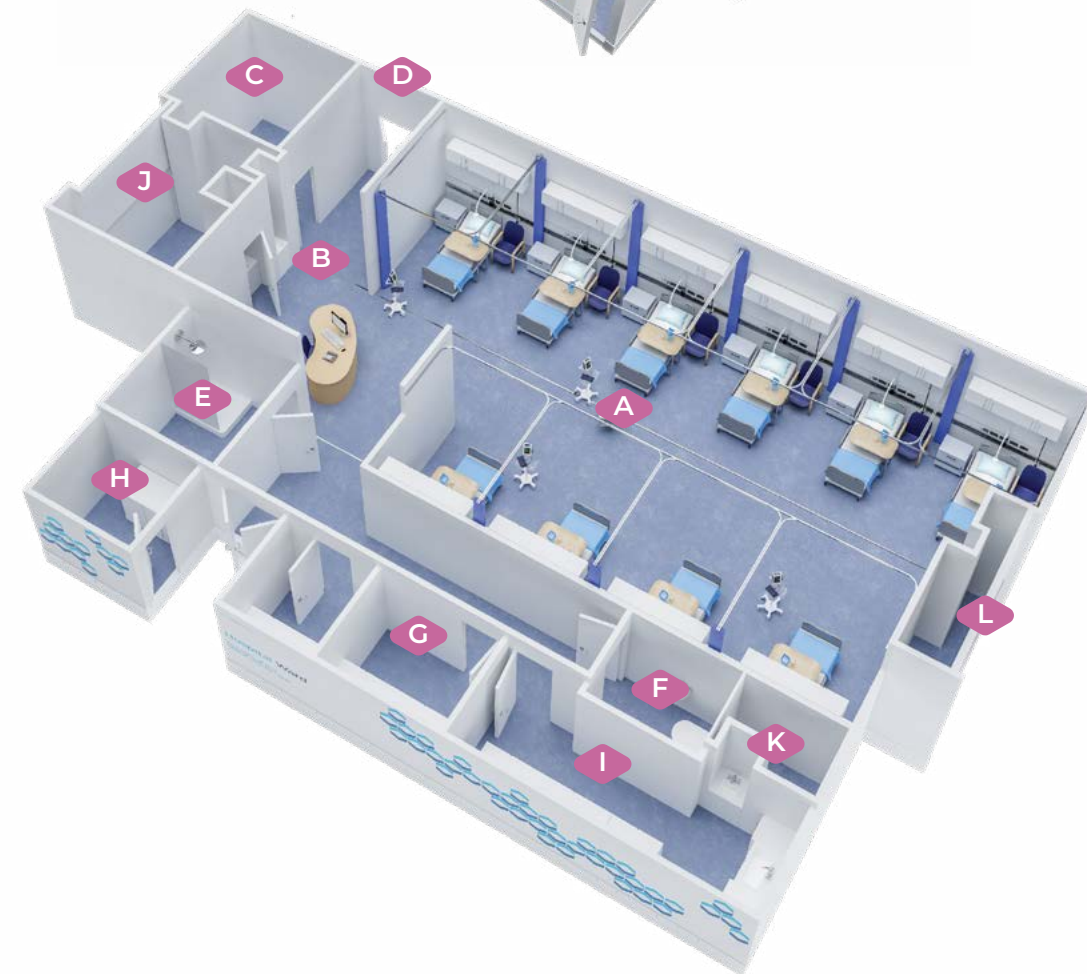
### Large Operating Theatre

- A Anaesthetic room
- B Laminar flow operating theatre
- C First stage recovery
- D Clean storage
- E Example link corridor
- F Integral corridor
- G Dirty utility
- H Janitor room
- I Staff kitchen
- J Staff changing
- K Staff toilet
- L Air handling unit
- M Medical gas bank
- N Vacuum plant area & water system
- O Scrub area



### Day Case Unit

- A Patient Entrance
- B Dirty utility
- C Drug storage room / clean room
- D Air handling unit
- E Patient and staff Lockers
- F Toilet
- G Disabled toilet
- H Recovery ward
- I Gas bank
- J Doorway, ward to theatre
- K Air handling unit
- L Anaesthetic room
- M Staff changing
- N Scrub area
- O Operating theatre
- P Recovery room
- Q Utility room
- R Gas bank



### Hospital Ward (10 bay)

- A Ward (10 bay)
- B Nurse station
- C Staff welfare or office
- D Entrance
- E Disabled toilet & shower
- F Disabled toilet
- G Storage (x2)
- H Kitchen area
- I Dirty utility
- J Services and plant area
- K Water system
- L Medical gas bank



## We provide expertly designed, clinically-focussed turnkey solutions exclusively for healthcare clients.

**Working only in the healthcare sector, our extensive specialist team offers a full turnkey solution for the delivery of high quality mobile and modular Healthcare Spaces.**

We can manage the complete process from business case approval, through on-site design and manufacturing, and on-site installation to project commissioning.

Depending on your need, we can supply a facility on an Operating Expenditure (RDEL budget) or a Capital Expenditure (CDEL budget) basis.

As your principal designer and/or principal contractor, we reduce the impact on your supply chain and simplify your project's site construction.

Our in-house clinical experts work closely with you at every stage, understanding your needs and making solutions come to life.

We work alongside healthcare providers to create environments which offer clinically excellent patient and team experience, understanding the important role these factors have in delivering best quality clinical services.

### Medical equipment we can supply includes:

- Anaesthetic and diathermy machines
- Endoscopes
- Microscopes
- Monitors
- Operating tables
- Surgeons' stools
- Fully stocked resuscitation trolleys
- Instrument trolleys
- PAT slides
- Patient trolleys

### We offer additions to your team from our highly experienced clinical workforce, including:

- Theatre Practitioners
- Endoscopy Practitioners
- Unit Facilitators
- Decontamination Technicians

They provide clinical services, supporting anaesthetic, medical, and surgical teams.



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