



Contacts

IHP

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Key Features

- Improved efficiency through streamlined patient pathways.
- Convenient access to high quality care ensuring patients are directed to appropriate care with availability to a full range of diagnostics.
- Extensive cost and programme savings through structure Value Management.



Project Description

IHP was appointed to deliver a package of works for Lister Hospital to transform facilities for the Trust, including:

- New day surgery theatres, 4 endoscopy theatres with decontamination suite (5,230m²) and reconfiguration works to the Elective Admissions Unit (EAU).
- New build and refurbishment of Emergency Care, Orthopaedic and Fracture Clinics, CT scanner suite (4,500m²).
- New ward block with acute Admissions Unit, Coronary Care Unit and High Dependency Unit (4,548m²).

Day Surgery & Endoscopy Theatres

During scheme development, IHP's team identified scheme savings of £2.7M, through an innovative redesign which reduced medical gas provision from 7 to 4 bar, enhanced UPS reprovion from 1 hour to 15 minutes and through the reconciliation of the elevational treatment.

The Trust has benefited from the following outcomes:

- Access to emergency surgery and pre-optimisation of patients.
- Prompt theatre start times and dedicated emergency theatre sessions through a single elective admissions unit.
- A CQC compliant endoscopic decontamination service.

Emergency Care, Orthopaedic and Fracture Clinic

During pre-construction phase, IHP's team introduced widespread changes which benefited both the programme and costs through £2.27M of savings. This included the use of Metsec panels which increased load capacity, load testing existing foundations which saved on the need to install new piles and redesigning the structure from in-situ concrete floor to precast concrete planks bringing a 5-week reduction to the programme.

Direct benefits to the Trust include:

- Improved clinical outcomes through timely and rapid assessment of acutely unwell patients.
- Improved efficiency through streamlined patient pathways.
- Convenient access to high quality care ensuring patients are directed to appropriate care with availability to a full range of diagnostics.

New Ward Block

The new ward block provides treatment for many acute and potentially life threatening conditions, all under one roof. The facility was handed over a month ahead of schedule. Through structured Value Management workshops, IHP's pre-construction team realised £1.2M savings, through:

- replacing copper panels with similar coloured Trespa, saving £25K.
- changing render from Sto to PermaRock saving £150K.
- introducing inset external wall panels, saving £165K on secondary steelwork requirements.
- redesigning the canopy, saving £50K.
- Pile loading efficiencies by reducing pile sizes, saving £85K.

Improved Healthcare Outcomes

- Improved clinical outcomes obtained from location of all senior medical and nursing staff on the same site reducing variability of care.
- Improved efficiency from streamlined patient pathways with a dedicated unit for acute assessment and cardiology with cardiac pacing at ward level.
- Clinical pathways reflect patients' clinical needs ensuring convenient access to high quality of service and resultant reduction in length of stay.

Facts and figures

• Project name

Lister Hospital – multiple projects including Phase 4 Theatres, Emergency Department and Ward Development

• Location

Stevenage, Hertfordshire

• NHS Client

East & North Hertfordshire NHS Trust

• Principal Supply Chain Partner

IHP

• Contract value

£15m (Theatres) and £13m (Emergency Department)

• Building size

5,230 m² (Theatres) and 4,500m² (Emergency Care)

• Start on site

June 2012

• Completion

October 2014

“Lister's new emergency department will give our clinical teams the ability to provide a great new service to our local communities. The majority of people – probably at least two thirds attending the hospital's current A&E service – will use the urgent care centre, with those needing potentially life-saving care using the department's more specialist services.”

Dr Jon Baker, East & North Herts NHS Trust, Divisional Chair for Medicine