Paediatric Unit

Healthcare / Extension and Refurbishment

Key Features:

- Demolition, extension and refurbishment
- New bed bays, diagnostics and treatment areas
- Adjacent paediatrics

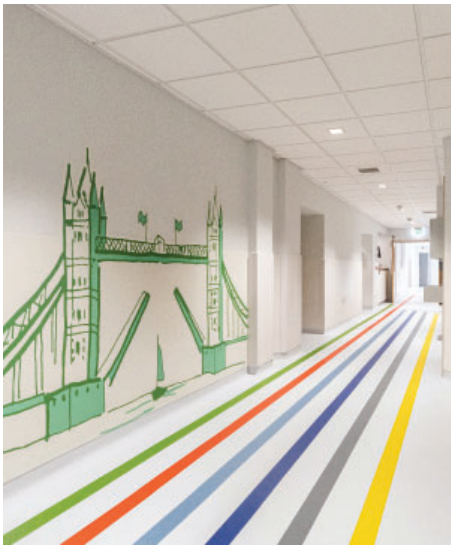
Demolition of existing modular units, extensions to existing permanent buildings and full refurbishment of several occupied blocks paved the way for the new Paediatric Village at Croydon University Hospital.

Through this new extension, the Hospital now offer 35 new bed spaces, treatment rooms, chemotherapy day therapy rooms and staff ancillary areas. Amongst the 35 new bed spaces are a four bed high dependency unit, two isolation oncology bedrooms, two dedicated adolescent bedrooms and ten post-operation paediatric recovery beds; as well as a short stay unit and paediatric assessment unit which accepts patients movements directly from the paediatric emergency department.

Despite unforeseen challenges, including the significant market effects caused by the COVID-19 pandemic, we delivered this challenging programme was on-time and in-budget.

Working Adjacent to Occupied Paediatric Areas

Localised risk interfaces included the adjacent therapies, diagnostics, pharmacy and theatre units. Moreover, theatre recovery wards were in the immediate vicinity of our site.



Owing to the highly sensitive stakeholders occupying these local interfaces, we implemented a robust Disruption Management Plan to ensure their safety and uninterrupted routine. Noise, dust and vibration controls, with on-site monitoring, was essential during the enabling phase of the ward refurbishments and build phase of the new extension.

Vehicular movement for deliveries and collections also required clear planning, monitoring and review to mitigate risk to hospital interfaces. Owing to the location of our site, vehicle access/egress ran adjacent to the busy estates, administration child care buildings.

Client:	Croydon Health Services NHS Trust
Project Value:	£6,500,000
Programme Duration:	78 weeks
Architect:	Ryder Architecture
Quantity Surveyor:	Brinson Staniland Partnership

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Our comprehensive traffic management plan, developed in collaboration with the Trust, included numerous bespoke methods to safeguard these site interfaces. These included, but were not limited to: trained banksmen to process each movement, strict delivery/collection time-slots and a COVID-19 loading/unloading policy.

Adding to the complexities involved in the ward refurbishments was the completely new M&E infrastructure installed. This operation was robustly managed by our internal design and delivery teams, underpinned by our services commissioning coordinator.

Managing Unforeseen Risk

Examples of adding value to this scheme include our approach to managing the significant number of unknowns involved in the below ground drainage. The Victorian site, with sub-structures constructed in 1885, led to challenges in facilitating the new extension works. Managed through thorough site surveys/validations, design team meetings and revised logistics/programme, we were able to deliver this phase to the previously agreed time-line.

Delivering Social Value

Furthermore, social value was implemented through our collaboration in promotional videos for The Chartwell Cancer Trust. This exercise involved the local comedian, Nish Kumar, walking round our site area with a youth ambassador from the Trust to raise awareness and support for the charity.

Working Through the COVID-19 Pandemic

Throughout this scheme, delivered throughout the COVID-19 pandemic, we safely accommodated 70 operatives on-site at any one time. Through our safe programming and methodology this critical new facility was delivered on-time and in-budget.

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