



## QUEEN ALEXANDER HOSPITAL THEATRES 21 & 22

**Client**  
Equans

**Architect**  
Studio 4

**Agent**  
Gardiner & Theobald  
LLP

**Structural Engineer**  
White Structures

£4.5m

LST Projects worked in partnership with Principal Designer Equans at Queen Alexandra Hospital in Portsmouth

The project involved the strip-out and internal fit-out to create two new operating theatres, fully equipped with specialist theatre equipment

A new mechanical and electrical installation formed part of the works, including a package plantroom with an AHU installed on an existing roof. This required various crane lifts over the existing five-storey building and link walkway, reaching approximately 60 metres, to facilitate the construction of new concrete plinths, steel grillage, and a package plant room

The mechanical installation included a new BMS system, which was fully integrated into the existing hospital infrastructure

Working in a live hospital environment, we successfully overcame several logistical challenges. It was essential to minimise disruption, particularly noise, to ensure that other hospital services could continue operating without any negative impact on staff or patients. We factored in out-of-hours working where necessary and maintained daily communication with the hospital's management team and Equans

Collaboration was key to keeping the programme on track, meeting the requirements of all stakeholders, and delivering a high-quality project



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