



# Royal Bournemouth Hospital

**GODSELL • ARNOLD**  
PARTNERSHIP LTD

Consulting Civil and Structural Engineers

## Project details

Royal Bournemouth Hospital – Surgical Assessment Unit, Same Day Emergency Care & Admissions and Recovery (SAU, SDEC, A&R).

GAP Ltd. worked with IBI Group Architects, Hoare Lea and Integrated Health Projects on a large-scale refurbishment project at The Royal Bournemouth Hospital, creating new clinical spaces involving a complete remodel of office spaces and the original Junior Doctors Mess area.

The project consisted entirely of first floor renovation space, which encompassed 5 different historical construction phases, each of different construction types, working above live wards and pharmacy areas below.

The existing building was modelled in Revit, based on records and surveyed information. The design team produced a collaborative model using clash detection systems to arrive at the final solution.

A steel framed solution was adopted to support existing cold rolled roof joists as a replacement for lightweight gauge structural framing walls, which were demolished as part of the floor plate reconfiguration.

