



The Trust cardiac team were very pleased with the efforts of the equipment commissioning team. The project has gone exactly to programme. Anwar of MTS has been an important part of this final delivery and a pleasure to have in the team.

Jilly Bowen - Head of Clinical Design, Commissioning, and Equipping

Bhaskar Patil - Head of MES & Programme Manager, Barts Health NHS Trust

MTS was the Equipment Advisory team that commissioned these state-of-the-art facilities giving the Barts Heart centre:

- 10 theatres,
- 10 catheter labs
- 250 general cardiac beds
- 58 critical care beds
- Europe's largest specialised cardiovascular centre
- Serving 3 million people across north and east London
- World's biggest centre of excellence for adults with congenital heart disease.
- 6th UK hospital to introduce Adult ECMO treatments (cost £1 million).

As well as outpatients, the emergency provision will be provided 24/7 by expert multi-disciplinary teams. Patients will also be able to take part in a wider range of clinical trials, knowing that they will be treated by teams working at the forefront of innovation. Clinicians estimate that over 1000 lives a year could be saved every year.

Anwar Syed of MTS assisted the Trust to procure £4.8M of medical equipment during transition phase of Bart's Heart Centre (BHC) which was the merger of 3 hospitals. The tasks included, the procurement, logistics, commissioning, and creating an infrastructure of networked patient monitoring. During this phase of the project MTS commissioned 3200 items of medical equipment from 84 different categories of equipment.

MTS led the tender process with the Trust for five Cathlabs including Biplane and an Hybrid Theatre. MTS was involved in the design, procurement, logistics and commissioning along with the Trust equipment and clinical leads.

In the final phase of the project, the Trust spent a further £7 million now providing ECMO Services. Anwar Syed was responsible for facilitating the procurement process to achieve clinical and financial approval for the medical equipment configuration, selecting the make and modality and quantifying the Trust's requirements. Leading a team of four engineers Anwar completed the commissioning of BHC final phase. This equated to around 2800 pieces of equipment of 104 different categories.

Cost reduction benefits

During the Transition Phase MTS achieved a £400K cost reduction. During its final phase, a further £700K was achieved through the review of procurement options and equipment requirements in addition to negotiated contracts.