

## **St Bartholomew's Hospital Adult Critical Care Unit (ACCU) brief**

St Bartholomew's Hospital is a remarkable testament to the human spirit of innovation and progress. Despite its long history stretching back almost 900 years, the hospital continues to push the boundaries of healthcare with a new state-of-the-art facility that opened in 2016. The hospital is a beacon of hope and healing for patients from all walks of life, offering specialist services in cancer treatment, cardiology, and cardiac and thoracic surgery. One of the most impressive achievements of St Bartholomew's Hospital is the creation of the Barts Heart Centre (BHC). By merging cardiothoracic services from the London Chest, St Bartholomew's, and the Heart hospitals, the BHC has become the largest cardiothoracic centre in the UK. This has allowed the hospital to provide almost all specialist cardiac services for north-central and north-east London and beyond. The BHC also offers highly specialised national services such as aorto-vascular surgery, adult congenital heart disease, and inherited cardiomyopathy.

St. Bartholomew's Hospital is a place of hope and healing, equipped with state-of-the-art technologies and staffed by dedicated professionals. With ten operating theatres, ten cardiac catheterization suites, and over 250 beds, the hospital stands ready to provide exceptional care to those in need. Whether patients arrive with heart, lung, or oncological diseases, they will find a team of experts working tirelessly to deliver the best possible outcomes. With cutting-edge treatments like renal replacement therapy, intermittent haemodialysis, and extracorporeal heart and lung support, patients can rest assured that they are in good hands. At St. Bartholomew's, we believe every patient deserves the highest quality of care and are committed to making that a reality.

St Bartholomew's critical care units offer a unique opportunity for doctors to receive exceptional training in critical care medicine. We strive to create a supportive and empowering environment focused on your professional development while providing unparalleled care to our patients. Our Medical Critical Care Unit on the 6th floor has 16 beds, including seven specialist respiratory isolation rooms. Our unit is committed to caring for adult patients with complex surgical and non-surgical cardiac diseases, severe respiratory failure, and cancer therapy complications, including haematological malignancies. We provide advanced treatments such as membrane oxygenation (ECMO), Ventricular Support Devices (VAD), and Impella to support our patients' cardiac and respiratory needs. Patients from Barts Health and beyond rely on us for these life-saving services.

The weekly teaching programs are designed to inspire and prepare you for excellence in critical care. With consultant radiologists, cardiologists, and microbiologists joining us regularly to impart their knowledge, you will have the opportunity to learn from the very best. Our ICU's focus on high-disease severity patients also means you will work closely with our team of experts, including physiotherapists, occupational therapists, psychologists, speech and language therapists, and dietitians, to rehabilitate patients and help them recover. You can present at morbidity and mortality meetings, participate in journal clubs, and contribute to quality improvement projects.

Our unit is dedicated to providing doctors with the opportunity to enhance their skills and knowledge through specialized out-of-programme fellowships and special skills years (SSY). Our yearlong echocardiography fellowship has a track record of 100%

success in helping intensivists achieve high-level accreditation, such as the British Society of Echocardiography level 2 in transthoracic echocardiography or the European Diploma in Advanced Intensive Care Echocardiography (EDEC).

Furthermore, we offer focused intensive care echocardiography (FICE/FUSIC Heart) training and mentorship to inspire and guide those starting echocardiography. Our fellowship in medical education provides comprehensive training in all aspects of undergraduate and postgraduate education, and previous fellows have achieved a Post Graduate Certificate in medical education (PG Cert Med Ed).

Lastly, we take pride in offering a fellowship in follow-up after critical illness, where the fellow joins a mature multi-disciplinary critical care follow-up team. Our unit is committed to providing doctors with a supportive environment to help them achieve their goals and aspirations.