



West Midlands Surgical Training Centre

Warwick
Medical School

University Hospitals **NHS**
Coventry and Warwickshire
NHS Trust



meeting the need

The Surgical Training Centre (STC) has been created to support regional, national and international surgical training. It provides the ideal environment for surgeons to learn operative techniques on cadaveric material in realistic operating theatres. It can cater for arthroscopic and endoscopic as well as open surgery on any part of the body.

Cadaveric surgery in the STC will be an integral part of the surgical training process. In particular, it will help us to achieve our vision that trainee surgeons should never do an operation for the first time on a living person.

At an earlier stage in training, medical students and junior doctors can use the STC, and the plastinated human dissections housed within it, to learn clinical anatomy.

The Surgical Training Centre includes:

- a surgical room with eight operating theatres.
- a briefing room and lecture theatre for up to 30 participants.
- changing facilities.
- storage for cadaveric material, plastinates, and surgical equipment.



facilities

The West Midlands Surgical Training Centre is located in the University Hospital of Coventry and Warwickshire NHS Trust. The facility operates according to the Human Tissue Authority code of practice and is licensed for the use of human tissue for surgical training and anatomy, and future plans for a whole body donation programme.

The large surgical room is set up with eight operating stations, each one simulating a self-contained operating theatre. Every station includes a bespoke mobile operating table with electric height adjustment, integrated fluid drainage, and interchangeable radiolucent table tops for different types of surgery.

Operating lights, video cameras and flat screen monitors are mounted over the tables. On the wall at each station is a 'stack' with arthroscopic cameras, light sources, shavers and power tools. Each station has multiple power sockets, data ports, an adjustable pressure water supply, suction and free drainage. At the front of the room is a large teaching screen for presentations or to view video from any of the stations. This – or any other video feed – can also be shown on repeater screens arranged around the room. The principal instructor can use audio enhancement with a hands-free microphone, and manage presentations, video feeds or a video conference with a wireless control while moving around the room. Disc recorders allow participants to take home a DVD record of their training. A two-way AV link to the adjacent lecture room, operating theatres and the internet allows fully flexible integrated programmes and even virtual presence for distant trainees or course delegates.



Clinical Anatomy

Warwick Medical School is the first in the UK to be equipped with plastinated specimens for anatomy teaching. The School secured £500,000 funding from the Strategic Health Authority to purchase the educational specimens from Gunther von Hagen's laboratory in Germany.

Dr von Hagens' plastination technique involves removing body fat and water and impregnating a polymer to preserve the body or body part. The preservation is of the highest quality, so that they can be used for medical education and surgical training.



- modern 250-seat lecture theatre, IT enabled at each seat position.
- seminar rooms with IT links to the main lecture theatre and key locations within the hospital.
- full size mock-ups of an operating theatre and a ward to train staff in modern techniques.
- learning resources in a modern library setting with IT connections for over 250 laptops.
- national and international conferencing.
- full catering facilities.

The Surgical Training Centre can be used in conjunction with the Clinical Sciences Building (CSB) Conference Centre which includes:



booking

The West Midlands Surgical Training Centre can be booked through the CSB Conference Centre on 02476 968973.

Elaine Blair can provide administrative support for those wishing to use the Surgical Training Centre. She can be contacted on 02476 968636 or elaine.blair@warwick.ac.uk to discuss course requirements, sourcing of cadaveric material, costs and available dates.



Elaine Blair
Course Administrator



Brian Burnett
Manager of the Surgical Training Centre



Damian Griffin
Professor of Trauma and Orthopaedic Surgery and postgraduate training lead



Peter Abrahams
Professor of Clinical Anatomy and undergraduate lead



David Snead is the Clinical Director of Pathology at UHCW and the Director of the Surgical Training Centre

Accommodation

There are several hotels close to the West Midlands Surgical Training Centre. Alternatively, accommodation is available at The University of Warwick, approximately 10 miles drive from the Centre. www.warwickconferences.co.uk



West Midlands

Surgical Training Centre

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02476 968973

THE UNIVERSITY OF
WARWICK

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