The state-of-the-art Keele Anatomy and Surgical Training Centre (KASTC) was officially opened on October 16th 2013.

The training centre is situated on the modern Green campus of Keele University in North Staffordshire, which is halfway between Manchester and Birmingham. Keele’s central location means it is easy to get anywhere in the country with the M6 and rail links close at hand. Manchester and Birmingham are each an hour’s drive away, while London is less than two hours by train. There is ample on-site adjacent parking, and we offer a full service, including catering during the day, in one building.

Our courses
We can provide basic skills training for surgical trainees
- Advanced skills and new operative training for surgeons
- Minor surgical skills practice and assessment
- ENT drilling practice
- XR or ultrasound guided procedures
- Specialist Orthopaedic and Arthroscopic training courses.
- Basic dissection or prosection led revision courses for Biomechanics, Physiotherapy, Osteopathy and Sports Science amongst others.

Examples of courses already run
- Masterclass in Tibial Fracture Fixation
- MRCS Exam Revision Course
- Cadaveric Arthroscopy of the Shoulder
- Head and Neck Plastic Surgery
- Ultrasound Guided Injections
- Partial Knee Cadaveric Meeting
- Primary & Revision Knee Cadaveric Meeting
- Foot and Ankle Surgical Course

We can discuss any requirements you may have and provide a bespoke course to fulfil these requirements.

Testimonials

**Masterclass in Tibial Fracture Fixation**
“Fantastic course. Really valuable learning opportunity”

“Excellent course, very useful for tips and tricks”

“Good course. Good Faculty. Excellent location and facility”

**MRCS Revision Course**
“All the faculty were outstanding and delivered the material very well. I would certainly recommend all of them to teach on any future courses. Thank you very much to all of them for kindly giving their time to this, as this has been a fantastic course.”

**Cadaveric Arthroscopy of the Shoulder**
“Fantastic facilities and staff, thank you”
“Interaction with faculty was excellent, good layout of the course”

“I just wanted to send a formal note of thanks to you and your team for the exceptional service we have received this week at the above course. Each and everyone in your facility were absolutely superb with every request we had and nothing was too much trouble. If this was your first attempt at this type of cadaveric meeting, you’ll definitely have no problems in the future!!! Thanks so much for making it easy for us to work with you and I look forward to many more events in the future.”

**Plastic Surgery**
“It was the best teaching we have had for years, we would pay thousands for a course like that. It was well organised and Paul Clews was fantastic - nothing was too much trouble.”
Our facilities

The Centre provides an excellent venue for all types of surgical training course using fresh frozen or embalmed cadaveric specimens and knowledgeable lab staff are on hand to assist.

It offers flexible training configurations in a simulated theatre environment with superb audio-visual facilities available. The labs are lead-lined and are configured and radiation approved for C-arm use.

The training centre is split into a three-station ‘wet-lab’ and a larger six-station facility. The two labs are linked by high speed data and video connections allowing the transmission of captured high definition content between the two rooms with two-way audio talk-back and commentary capability. Each lab is equipped with high definition camera along with advanced 42” touch screen flat panel LED TVs present at each station. Each station can take inputs from a very wide variety of equipment and also has a locally mounted high-powered PC for maximum input flexibility. Any input or any screen can be routed to anywhere else in the facility and beyond. The highly flexible working space provides an excellent facility for commercial demonstrations as well as training at all levels from undergraduate medical students to the most senior consultants.

The self-contained Centre allows ease of transfer of delegates between lecture rooms, discussion rooms, dissection rooms and hospitality services. The demonstration of techniques on fresh cadaveric specimens in the new state-of-the-art facility can be augmented with embalmed cadaveric specimens in an adjacent lab. The highly flexible working space provides an excellent facility for commercial demonstrations as well as training at all levels from undergraduate medical students to the most senior consultants.

The entire facility is linked to The Medical School’s 250 seat lecture theatre and also a specialist seminar/breakout room thereby allowing demonstration to large audiences if required. Talk back is available in both locations and the breakout room also features HD video conferencing capabilities should they be required. Uniquely, the Centre also has the technology to stream (transmit) procedures and training sessions live to anywhere in the world via a secure web browser session.

- Large (6 station) and small (3 station) ‘wet labs’
- 9 workstations with adjustable height tilt tables, suction, overhead operating lighting, interactive touchscreen PCs
- 2 ‘teacher’ stations with HD digital recording and presentation to all workstations or externally
- Reconfigurable for localised or whole body work
- 3D presentation with interactive touchscreen access
- Use of frozen or embalmed cadavers and body parts
- Audiovisual links between labs, seminar room and lecture theatre with secure web streaming
- Configured and radiation approved for C-arm
- Locker and viewing room
- Surgical microscope with digital camera
- Basic consumables and equipment provided
- Suitable for powertools, endoscopy and other bespoke equipment configurations
- Services of expert technical and IT staff
- Ideal for surgical skills, paramedical or specialty training
- Can be used or hired individually or alongside main dissection and resource rooms for small or larger multipurpose courses or equipment demonstration
- On site anatomists and surgical staff
- Self-contained Centre
- Ample parking

Contact us

For further information and to enquire about booking a course please contact:

Debbie Paddison,
Postgraduate Manager
T: +44 1782 672694
E: d.paddison@keele.ac.uk

To discuss technical cadaveric/specimen requirements:
Paul Clews, Anatomy Manager
T: +44 1782 733936
E: p.clews@keele.ac.uk

To discuss technical IT/Audio Visual requirements/facilities:
Nick Vaughan, ICT Services Specialist
T: +44 1782 734741
E: n.w.vaughan@keele.ac.uk

http://medicine2.keele.ac.uk/cbr/kastc.html