UNIVERSITY OF DUNDEE

Centre for Anatomy & Human Identification

THIEL CADAVER FACILITY

cahid.dundee.ac.uk

CENTRE FOR ANATOMY AND HUMAN IDENTIFICATION

Since its establishment in 2008, the Centre for Anatomy and Human Identification (CAHID) has evolved into an internationally recognised Centre. In 2013 CAHID received a Queen's Anniversary Prize for Higher Education in recognition of the Centre's world class excellence.

At CAHID, anatomy sits closely alongside forensic anthropology, medical and forensic art, and human identification. Our collaborators include surgeons, designers, computer scientists, engineers and police officers. The synergy between these varied disciplines drives our anatomy research and teaching.

CAHID is led by Professor Sue Black who was awarded an OBE for her international human identification work from mass graves and co-authored Developmental Juvenile Osteology and the Juvenile Skeleton.

The award-winning staff of CAHID are amongst the most experienced in the UK in the fields of human identification, forensic anthropology, craniofacial identification and the study of the human body. CAHID delivers high quality anatomy teaching at all levels, via whole body dissection which allows students to develop a sound knowledge of the human body.

THIEL EMBALMING

Our cadavers are embalmed using the Thiel method. This soft-fix technique was developed by Professor Thiel in Graz, Austria in the 1990s but was little known and unused in the UK until CAHID introduced it in 2009.

This form of embalming preserves the cadavers long-term, with extremely life-like retention of flexibility, tissue quality and colour. Such cadavers can be kept at room temperature and re-used over a period of years. Since the introduction of Thiel embalming, we increasingly work with clinicians and engineers to use, develop and validate Thiel cadavers as models for the research and development of novel equipment and procedures, and for training and demonstration.

We provide complete bodies to work on rather than isolated body parts, providing the closest experience to real surgery. The flexibility of the cadavers makes them extremely suitable for procedures such as laparoscopy, endoscopy and orthopaedics as the abdomen can be inflated and joints can be manipulated. The cadavers can also be intubated and ventilated and the life-like handling of the tissues makes them suitable for procedures such as plastic surgery and ultrasound-guided regional anaesthesia.

Thiel embalmed cadavers have been used for angiography, interventional radiography and other vascular procedures, including microvascular repairs. Our cadavers are available for training in anatomy, surgical skills or clinical procedures. They can also be used to evaluate products in pre-clinical stages of development and other R&D activities.

FACILITIES

CAHID has a bright and spacious Anatomy Lab with 30 stations. Each station has room for an individual cadaver on a trolley, and is fitted with a computer screen with internet access and several electric power points (220V). A range of dissection instruments and equipment such as lights and suction can be provided. We also provide a selection of PPE such as gloves and aprons and we may be able to support requests for more specialist equipment.

CAHID facilitates courses in the Anatomy Lab by providing cadavers and technical support, to meet your needs. We also have spaces available for smaller sessions, such as individual training or R&D. The University campus, located in the centre of the city provides, a selection of lecture theatres and meeting rooms and CAHID can offer the use of the Anatomy Museum as a space for breaks and product display.

We have good links with clinicians in the local area and we can liaise with them when needed. We have a close working relationship with the Cuschieri Skill Centre in Ninewells Hospital and Medical School in Dundee. They can provide services for courses that need additional support such as access to more advanced equipment such as laparoscopy stacks. We can also co-operate with the Institute of Medical Science and Technology, where small-scale sessions can be hosted using their MRI scanner and C-arm.

Our location

Being at the heart of Scotland's road and rail network puts spectacular scenery, skiing, championship golf, mountain climbing and sailing within easy reach as well as the major cities of Edinburgh and Glasgow.

Scotland's four main international airports all operate both national airlines such as British Airways and low cost airlines. This makes it easy to get to and from all the major centres of the UK and Europe.

www.dundee.ac.uk/general/travel

Dundee to...

- Edinburgh Airport 1 hour 15 mins
- Glasgow Airport 1 hour 30 mins
- Manchester Airport 5 hours
- Birmingham 5 hours 20 mins
- London 6 hours

Scottish airport flights to:

- Amsterdam Schipol Airport 1 hour 25 minutes
- Paris CDG Airport 1 hour 45 minutes
- London Airports 1 hour

FURTHER INFORMATION

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