



### Case Study : Oxford Brookes

Devise and install a training facility that would allow tutors and students to interact in a live patient care environment

**Client:**

Oxford Brookes

**Location:**

School of Health and  
Social Care, Oxford

**Project:**

Devise and install a  
training facility that would  
allow tutors and students  
to interact in a live patient  
care environment



**Background:**

Scotia UK plc had successfully designed and installed a medical training facility at Robert Gordon University in Aberdeen. Having been impressed by the system in action, the client at Oxford Brookes University asked Scotia UK to create something similar for her university. Here, the whole system had to be designed for use in a simulated ward environment that features an amazing 'Laerdal Simman' mannequin that breathes, has a pulse and can even bleed. This highly lifelike piece of technology turns each session into a realistic patient care scenario.

**Solution:**

Scotia UK created a distinct new system for Oxford Brookes, making the most of the very latest technology in this area. At the heart of Scotia UK's system is a 3M Digital WallDisplay connected to 24 highly manoeuvrable cameras that can zoom and turn through 360 degrees swiftly and quietly.

All training sessions are monitored simultaneously at full frame rate and recorded to network video recorders from where they can be transferred to DVD or hard disc in standard formats. Students can then access these remotely to assist in their

comprehension.

The system shows just how beneficial technology can be in the training environment; no longer do students have to peer over the tutor's shoulder and the major talking points from the session can be replayed and discussed at length.

**Equipment:**

- 24 x Sony cameras
- Dedicated turnkey software application
- Audio technica microphones
- Custom built sound & video processing units
- 2 x 3M Digital WallDisplay with motorised trolleys

*"The osteopathy team are very impressed with SMOTS and its potential both for interactive learning and evaluation. We are very grateful to Claire for setting up the relationship with Scotia. We have had an extremely positive response from both our students and tutors and are very keen to expand its use."*