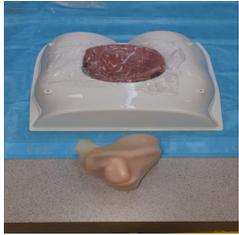


Trauma Team Leader Course (TTL) a 2-day course running from 9th–10th Nov 2020

This course was designed to refresh and train Consultants & Registrars with some of the core skills required when leading a trauma team within the local clinical governance framework. Cambridge University Hospital came to train our own staff to be able to run the course at NNUH in future.



For the course, a model was created using a plastic baby in a balloon, to resemble a baby in the amniotic sac, which was then covered with rubber to act as the Uterus and then a piece of pigs belly to simulate a pregnant women. This was made to recreate a peri-mortem C-Section procedure where a surgical delivery is performed of the fetus in the case of the mother going into cardiac arrest.

6 pig chests were also used to teach thoracostomy and thoracotomy procedures. The rest of the course was based over in our Sim Suite in Centrum where the use of patient simulators were used to re-enact scenarios



Neil Redpath
Technical Skills
Manager



Stuart Malone
Dep. Technical
Skills Manager

Equipment Spotlight

Knee Aspiration & Injection Trainer with US Capability



We now have a knee aspiration model to improve skills in:

- Cavity Injections
- Aspiration of fluid from Lateral and Medial Aspects
- Ultrasound examinations

The Week Ahead,,,



VR Training for Foundation Doctors

Virtual Reality (VR) kits are used to practice assessing, diagnosing and then treating a patient. This requires wearing a VR headset which displays a virtual ward environment in which the doctor interacts with the patient. At the end of the scenario the doctor receives detailed feedback on their performance. There is a varied range of patient scenarios covering conditions such as Anaphylaxis, Sepsis and their satisfactory completion is a requirement of the doctor's professional development. VR Training usually take place on a Tuesday in the skills lab.

We have currently acquired 8 Paediatric scenarios for a 6 month free trial that we have demonstrated to the Paediatric department. The feedback was good and we hope to work with them in future to help their junior doctors.

About VR Oxford Medical Simulation...

Oxford Medical Simulation delivers award-winning virtual reality medical and nursing simulation. This helps educators save time and money in delivering quality, flexible, measurable training that improves patient care. Using either virtual reality headsets or standard computers, learners can engage with fully interactive, acutely unwell patients. They must manage the patient as in real life: diagnosing, instigating treatment and interacting with their interdisciplinary team against the clock.

The environment, patient and other team members are fully interactive, with conversation and physiology adapting to user actions and treatment. Users then receive personalized feedback, performance metrics and a guided self-reflective debrief.



Check out their Website: <https://oxfordmedicalsimulation.com>

TruNerve Block



Also in our Lab we have a Trunerve Block for Ultrasound Training in:

- **Ultrasound-guided nerve blocks** with ability to verify needle tip location
- **Ultrasound IV insertion** with embedded vessels & realistic blood flashback
- **Ultrasound bone imaging** featuring a fractured bone structure

For more information, please contact us.