



Edge of a Knife: HYMS 7th National Undergraduate Surgical Conference

1st February 2020
Ron Cooke Hub, Heslington East, University of York

Workshops

Each workshop will last for one hour and will be guided by Consultants and Surgeons. All workshops will ensure that delegates have adequate hands-on experience guided by a Consultant/Surgeon.

Workshops:

- **An Introduction to Basic Principles of ATLS:** This one-hour workshop will introduce the basic principles of ATLS to those who are interested in Trauma and Emergency Medicine.
- **Basic Suturing Techniques and Knot-Tying:** Led by General Surgeons and Surgical Trainees, this workshop will use skin pads to teach delegates basic suturing skills. Delegates will also be taught how to tie reliable knots.
- **Building Your CV:** This workshop is run by MedAll, an app company that compiles the CVs of healthcare professionals. The workshop will be led by the company's founder, Mr Phil Mcelnay, who is also a Cardiothoracic Surgeon.
- **Chest Drain Insertion:** Led by Cardiothoracic Surgeons and Surgical Trainees, this workshop will use animal tissue (pigs' ribs) in order to allow delegates to practice chest drain insertion. The tutors will first demonstrate how to insert a chest drain. The delegates will then have the opportunity to practice the skill for themselves.
- **Cranial Neurosurgical Techniques:** Consultant Neurosurgeons will demonstrate the use of equipment such as the BrainLab and the Rowena Head Kit. Delegates will then be able to practice with the equipment.
- **Excision of a Cyst:** This workshop will use animal tissue in order to provide delegates with the opportunity to practice excising a cyst. The tutors will first demonstrate how to excise a cyst and the delegates will then perform the skill themselves.
- **Lung Tissue Stapling:** Led by Cardiothoracic Surgeons and Surgical Trainees, this workshop will use animal tissue (pigs' lungs) in order to allow delegates to practice lung tissue stapling. The tutors will first demonstrate the technique and the delegates will then have the opportunity to practice the skill for themselves.
- **Modern Orthopaedic Techniques (On Bone Models):** Consultant Orthopaedic Surgeons will demonstrate the use of equipment, such as that provided by Stryker, on bone models. Delegates will then be able to practice with the equipment.
- **Spinal Neurosurgical Techniques (On Spine Models):** Consultant Neurosurgeons will demonstrate the use of equipment such as that provided by Edge Medical. Delegates will then be able to practice with the equipment.
- **Tendon Repair:** Led by Consultant Plastic Surgeons and Surgical Trainees, this workshop will use animal tissue in order to allow delegates to practice suturing pigs' tendons. The tutors will first demonstrate how to repair a tendon and the delegates will then have the opportunity to practice the skill for themselves.
- **Vascular Suturing:** Led by Consultant Vascular Surgeons and Surgical Trainees, this workshop will enable delegates to practice suturing on vessel models.