



The Royal College of Surgeons of Edinburgh
Future Surgeons: Key Skills

Feedback - March 2017

The Royal College of Surgeons of Edinburgh Future Surgeons: Key Skills

This one-day course was led by consultants and aimed at medical students and junior doctors who wish to pursue a career in surgery. Through the introduction of safe, basic surgical techniques which are common to all surgical practices, the course intended to provide the delegates with a structured programme in order to help them learn basic surgical skills and techniques.

Features and Highlights:

The course was tutored and supervised by consultant surgeons from various disciplines.

It was a practical course with a high tutor-to-participant ratio.

It was delivered using a series of tutor demonstrations and hands-on sessions where participants were able to work on animal tissue.

This was an official course of The Royal College of Surgeons of Edinburgh which was specifically aimed at junior doctors who intend to pursue a career in surgery.

The delegates received a certificate from The Royal College of Surgeons of Edinburgh and from Doctors Academy.



Course Information

Course date:	5th March 2017
Venue:	Doctors Academy International Institute for Medical Education Cardiff
Attendance:	12 Delegates
Aimed at:	Medical Students Junior Doctors
Course fee:	£75.00

Run in partnership with:



Learning Outcomes:

- o To demonstrate safe practice when gowning and gloving.
- o To handle commonly used surgical instruments in a safe and effective manner.
- o To create secure 'Reef' and 'Surgeons' knots.
- o To pick up and safely drive a needle through tissue with accurate bite placement.
- o To perform an interrupted suture close to a wound.
- o To demonstrate the steps for excising a skin lesion under local anaesthesia.
- o To excise a subcutaneous cyst.
- o To drain a superficial abscess.
- o To be able to debride a traumatic wound.
- o To perform basic techniques used for endoscopy.
- o To explain the principles of using safe diathermy.

Course Programme

0830	Registration	
0850	Introduction	Seminar Room
0900	Gowning and Gloving	Wet lab (demo & practice)
0940	Handling Instruments	Wet lab (demo & practice)
1015	Knot-Tying (1) <ul style="list-style-type: none">• Reef knot• Instrument tie	Wet lab (demo & practice)

1100 - 1115 Refreshment Break

1115	Knot-Tying (2) <ul style="list-style-type: none">• Surgeon knot	Wet lab (demo & practice)
1200	Suturing <ul style="list-style-type: none">• Needle manipulation• Interrupted sutures• Sub-cuticular absorbable sutures• Assisting• Continuous suture	Wet lab (demo & practice)

1300 - 1340 Lunch Break

1340	LA Techniques, Skin Lesions & Wound Management <ul style="list-style-type: none">• Skin lesions• Cyst removal• Abscess drainage & excision• Debridement	Wet lab (demo & practice)
1440	Diathermy	Lecture
1510	Laparoscopy Skills <ul style="list-style-type: none">• Hand-eye co-ordination• Polo mints exercise• Sugar cubes exercise	Wet lab (Structured practice)
1610	Question and Answer Session	Seminar room
1630	Feedback and Close	

Faculty

Mr Roop Tandon, MBBS, FRCS

Retired Consultant Orthopaedic Surgeon
Wolverhampton Hospital
Surgical Tutor – Royal College of Surgeons of Edinburgh

Mr Geoffrey Hooper, MMSc, MD, FRCS, FRCS Ed (Orth)

Retired Consultant Orthopaedic Surgeon
St John's Hospital, Livingston, West Lothian
Surgical Tutor – Royal College of Surgeons of Edinburgh

Professor Stuart Enoch, MBBS, PGCert (Med Sci), PhD, MRCS (Edin & Eng)

Consultant in Surgical Studies
Executive Director - Doctors Academy Group

Mr David Smith, MRCS, DOHNS, FRCS (ORL-HNS)

Consultant ENT Surgeon
Princess of Wales Hospital

Assisting Faculty

Dr Azel Botes

Surgical Trainee
All Wales Deanery

Organisers

Miss Rebecca Williams

Lead Coordinator
Doctors Academy Group

Mrs Janine Carrigan

Associate Coordinator
Doctors Academy Group

Mr Peter Williams

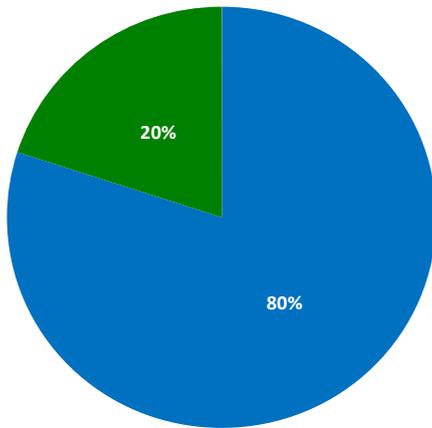
Student Doctors Academy
Doctors Academy Group

Mr Faris Hussain

Third Year Medical Student
Cardiff University

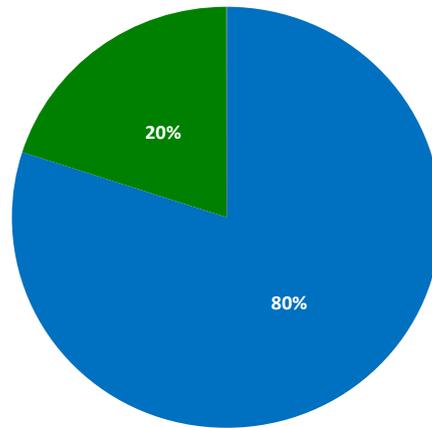
Overall Teaching Feedback

Demonstrate Safe Practice When Gowning and Gloving



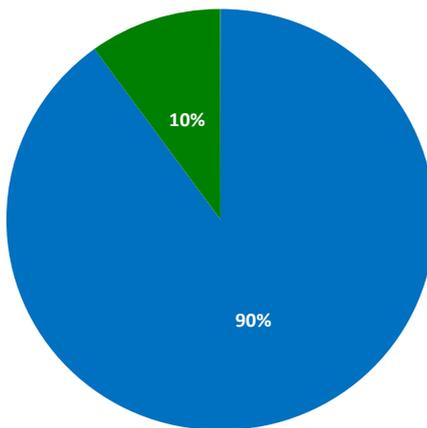
■ Strongly Agree
■ Neither Agree or Disagree
■ Strongly Disagree
■ Agree
■ Disagree

Handle Commonly Used Surgical Instruments in a Safe and Effective Manner



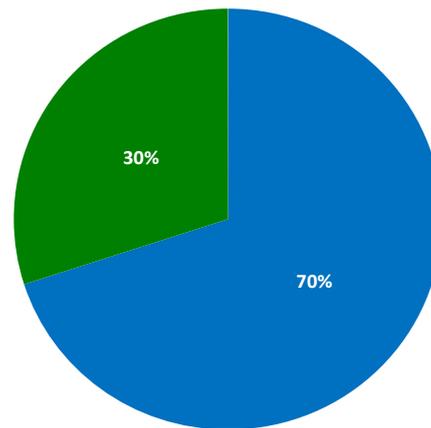
■ Strongly Agree
■ Neither Agree or Disagree
■ Strongly Disagree
■ Agree
■ Disagree

Create Secure 'Reef' and 'Surgeons' Knots



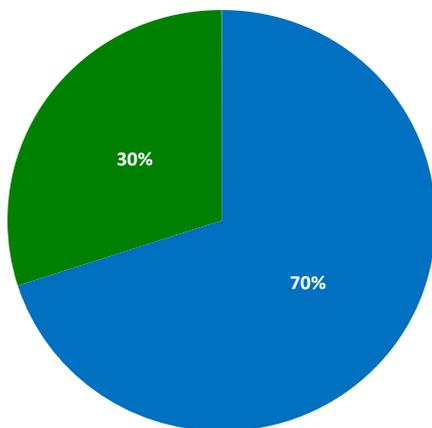
■ Strongly Agree
■ Neither Agree or Disagree
■ Strongly Disagree
■ Agree
■ Disagree

Pick Up and Safely Drive a Needle Through Tissue with Accurate Bite Placement



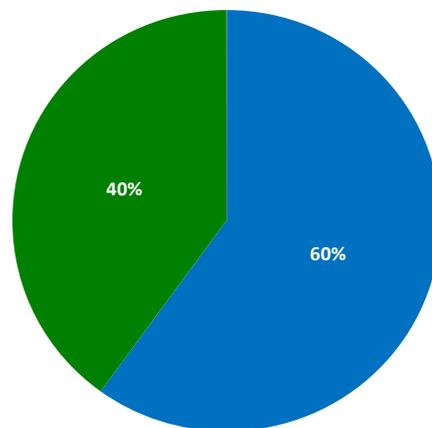
■ Strongly Agree
■ Neither Agree or Disagree
■ Strongly Disagree
■ Agree
■ Disagree

Perform an Interrupted Suture to Close a Wound



■ Strongly Agree
■ Neither Agree or Disagree
■ Strongly Disagree
■ Agree
■ Disagree

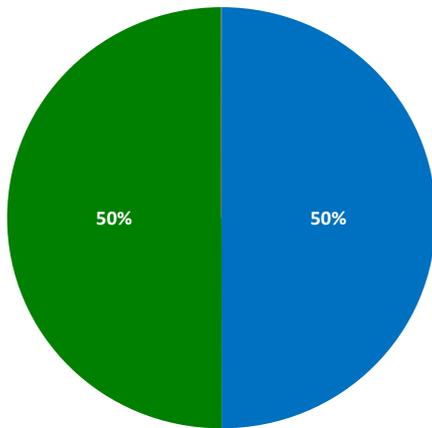
Demonstrate the Steps for Excising a Skin Lesion Under Local Anaesthesia



■ Strongly Agree
■ Neither Agree or Disagree
■ Strongly Disagree
■ Agree
■ Disagree

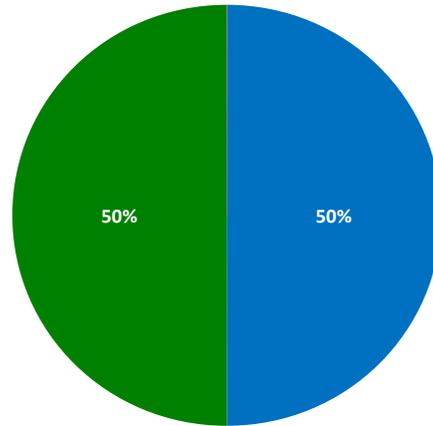
Overall Teaching Feedback

Excise a Sebaceous Cyst



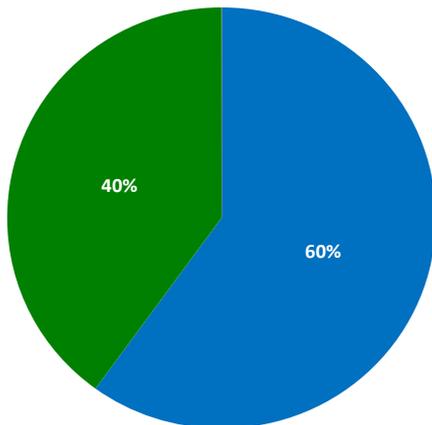
■ Strongly Agree
■ Neither Agree or Disagree
■ Strongly Disagree
■ Agree
■ Disagree

Drain a Superficial Abscess



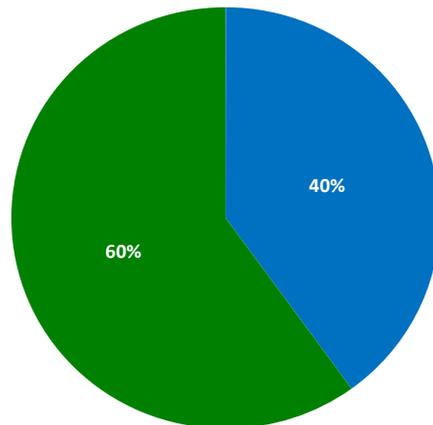
■ Strongly Agree
■ Neither Agree or Disagree
■ Strongly Disagree
■ Agree
■ Disagree

Perform the Steps to Debride a Traumatic Wound



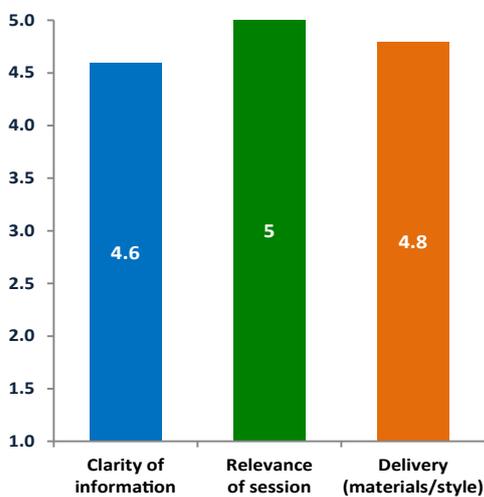
■ Strongly Agree
■ Neither Agree or Disagree
■ Strongly Disagree
■ Agree
■ Disagree

Perform Basic Techniques Used for Endoscopy and Diathermy

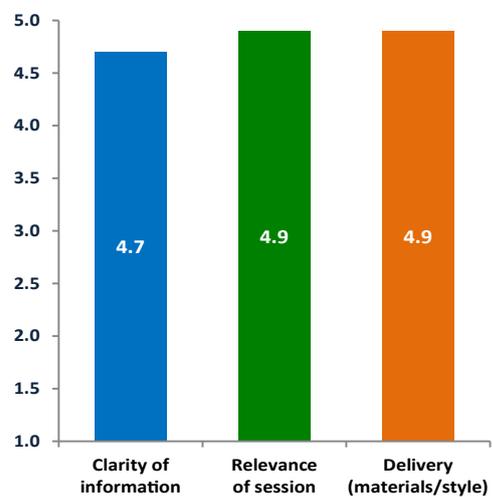


■ Strongly Agree
■ Neither Agree or Disagree
■ Strongly Disagree
■ Agree
■ Disagree

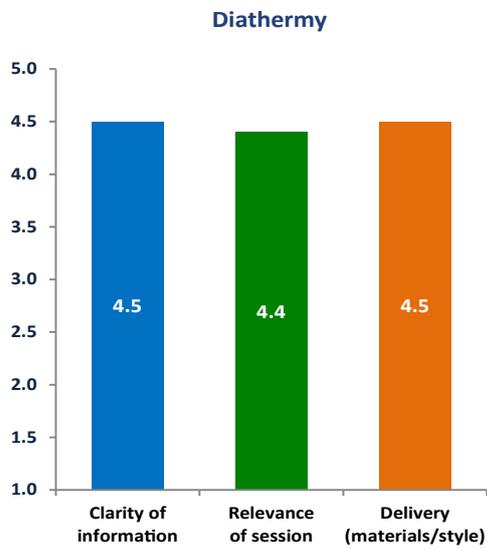
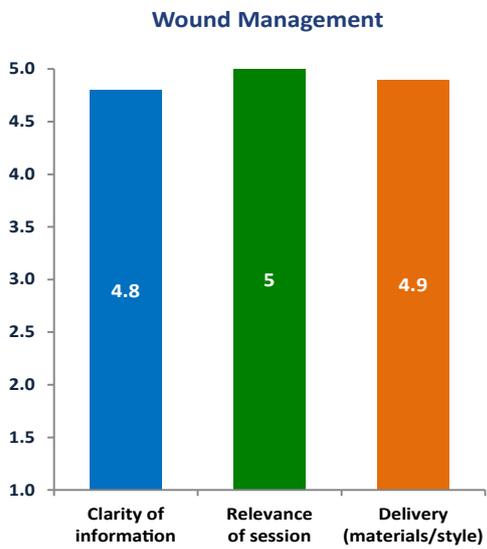
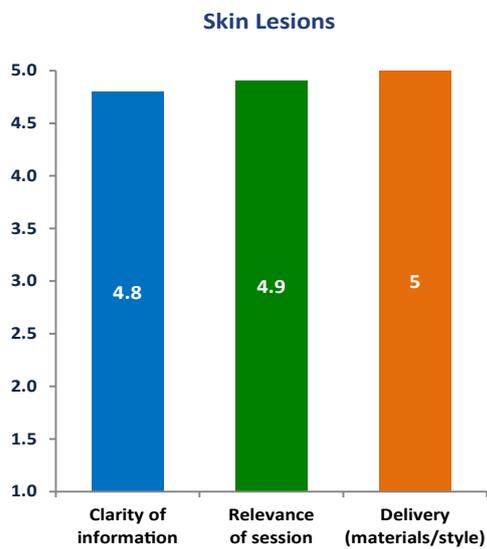
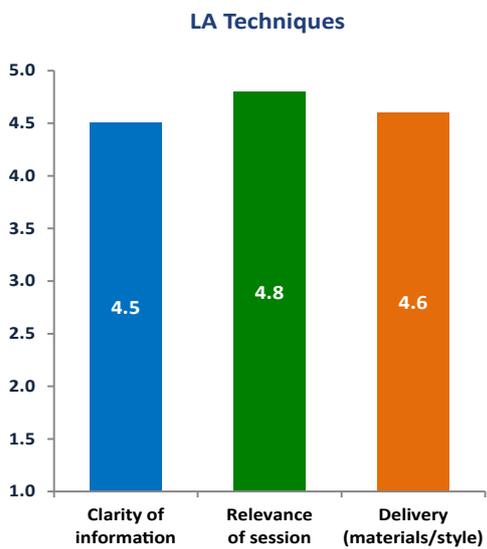
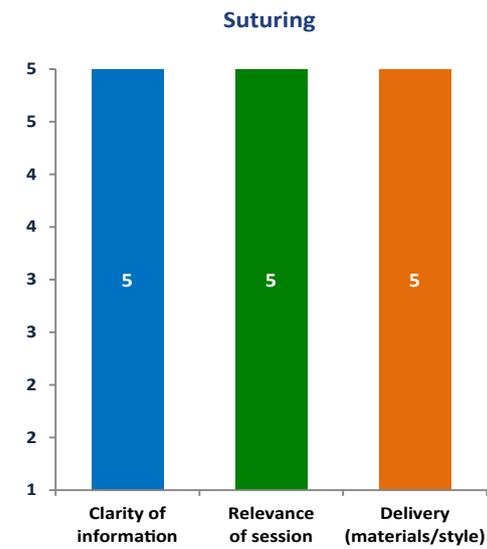
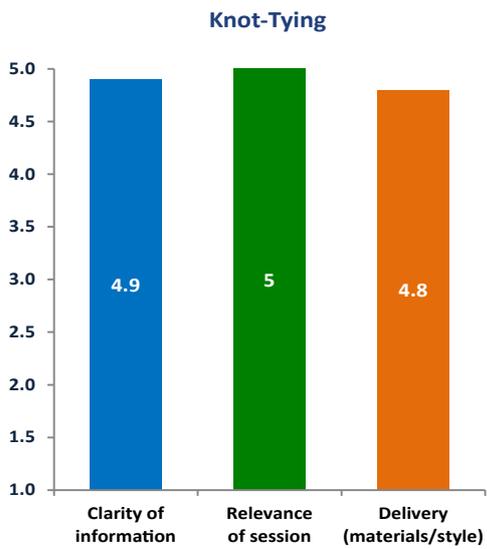
Gowning and Gloving



Handling Instruments

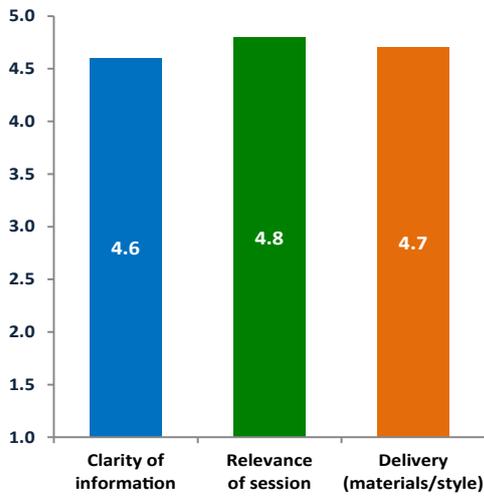


Overall Teaching Feedback

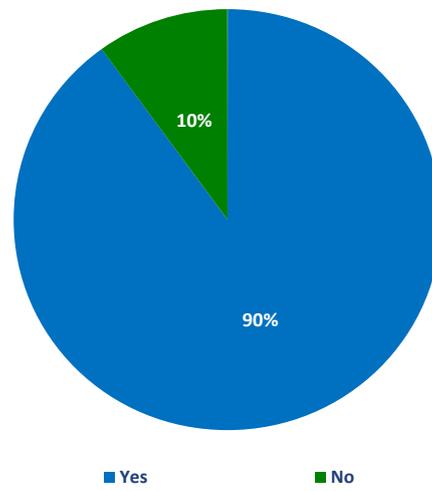


Overall Teaching Feedback

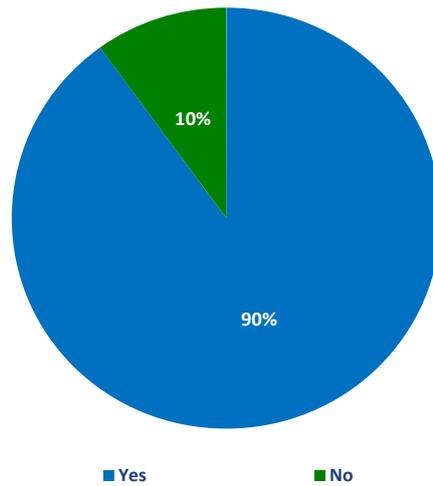
Endoscopy Skills



Did the course meet with your expectations?



Would you recommend this course to a friend or colleague



Individual Comments

- Excellent experience overall.
- It has guided me further as to which practice I require more.
- Faculty were extremely vigilant and attentive.
- The venue provided an excellent setting for the course. I will definitely recommend the course to my colleagues.
- Presentation and demonstration of knot tying was excellent.
- Perfect sized group – 12 of us today so any more may have reduced the quality of our tutoring/ experience. Next time, smaller groups as this one would be ideal. Thanks!
- Very inspiring course.
- Would definitely attend any future courses.
- Very good course. Would recommend it to colleagues.



DOCTORS ACADEMY

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Doctors Academy is an international non-profit organisation which comprises of doctors, dentists and scientists. The aim of the Academy is to disseminate information and facilitate the exchange of medical knowledge between professionals from diverse backgrounds who work in various healthcare settings. In order to achieve this, a diverse range of educational activities are undertaken globally which are further complemented by our publishing house, online resources, and international events and competitions.

Courses (a selection):

Undergraduate:

- Final Year Medicine and Surgical Revision Courses
- Training the Clinical Anatomy Trainer
- Clinical Anatomy as Applied to Trauma and Emergency Medicine
- Surgical Anatomy of Important Operative Procedures
- Future Surgeons: Key Skills (RCSEd delivered)
- Structured Introduction to Surgical Skills

Postgraduate:

- MRCS Part A and Part B OSCE
- MRCEM Part A
- DOHNS OSCE
- Intercollegiate Basic Surgical Skills (RCSEd delivered)
- MRCP PACES
- FRCS (General Surgery) Exit Exam
- Cadaveric Ultrasound-Guided Musculoskeletal Intervention Course
- Ultrasound-Assisted Botulinum Toxin Injection for Neuromuscular Disorders
- Live Advanced Laparoscopic Colorectal Course
- Infant Hip Ultrasound Course for Developmental Dysplasia of the Hip



Forthcoming Key Events:

- **International Medical Summer School**
Manchester, 31st July to 4th August 2017
- **International Academic Research Conference**
Manchester, 5th August 2017
- **World University Anatomy Challenge**
Manchester, 4th August 2017

Publications



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World Journal of Medical Education & Research



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Online Revision Resources

DoctorExams consists of thousands of questions with detailed explanations in MCQ, EMQ, SBA and SAQ formats. The questions have been written by the Doctors Academy group of experienced clinicians and clinical academics, with mock exams and feedback on performance included to aid a candidate's focused revision of the given topics. Based on past exams, these questions have been carefully designed to meet the needs of undergraduate students and postgraduate trainees undertaking relevant speciality exams.

Resources for:

- Medical Students
- Dental Students
- International Entrance Exams
- MRCS Exams
- General Surgery Exams
- Plastic Surgery Exams
- DOHNS Exam

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