

**2<sup>nd</sup> Structured Introduction  
to Surgical Skills**

**Feedback - March 2015**

## Structured Introduction to Surgical Skills

This one day course was aimed at providing year one and two medical/dental students with a structured programme of learning basic surgical skills and techniques. It introduced the participant to safe basic surgical techniques that are common to all surgical practices (including oral surgery in dentistry). The course tutored and supervised by surgeons from various disciplines is delivered using a series of tutor demonstrations and hands-on sessions with specific feedback due to a high tutor-to-participant ratio.

### Course Information

<b>Course date:</b>	<b>14<sup>th</sup> March 2015</b>
<b>Venue:</b>	<b>Education Centre, Bristol Royal Infirmary Bristol, UK</b>
<b>Attendance:</b>	<b>14 Delegates</b>
<b>Aimed at:</b>	<b>Year 1 &amp; Year 2 Medical &amp; Dental Students</b>
<b>Course fee:</b>	<b>£15</b>

### Learning Outcomes:

- 'Gown and Glove' in a precise way.
- Handle commonly used surgical instruments safely and effectively.
- Safely mount, handle and dismount a surgical blade.
- Create secure 'Reef' knots used in surgical practice.
- Understand the theory behind suturing in a correct manner.



## Course Programme

0830 - 0850	Registration
0850 - 0900	Introduction
0900 - 0940	Theatre etiquette
0940 - 1010	Gowning & gloving session
1010 - 1100	Principles of infection control

**1100 - 1115** **Break for Refreshments**

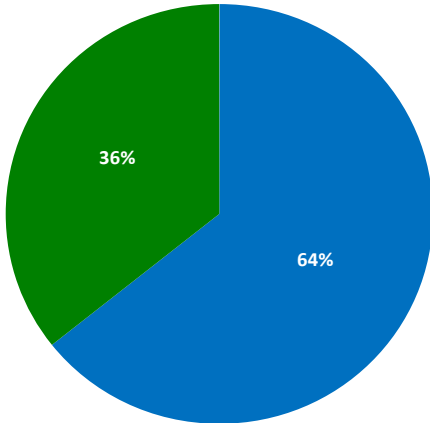
1115 - 1215	<b>Introduction to surgical instruments:</b> <ul style="list-style-type: none"><li>• Basic instruments</li><li>• What are they used for?</li><li>• Basic introduction to types of surgery</li><li>• How to handle instruments in a safe manner</li></ul>
1215 - 1245	<b>Demo &amp; practice</b>

**1245 - 1330** **Lunch**

1330 - 1400	<b>Physiology of wound healing</b>
1400 - 1430	<b>Introduction to sutures &amp; needles</b> <ul style="list-style-type: none"><li>• Needle manipulation</li><li>• Types of sutures</li><li>• Choice of sutures</li><li>• Safe handling of sharps</li><li>• How to suture correctly</li></ul>
1430 - 1500	<b>Demo &amp; practice</b>
1500 - 1530	<b>Knot tying</b> <ul style="list-style-type: none"><li>• Secure 'Reef' knot</li><li>• Instrument tie</li></ul>
1530 - 1610	<b>Demo &amp; practice</b>
1610 - 1630	<b>Question &amp; answer session</b>
1630	<b>Feedback &amp; close</b>

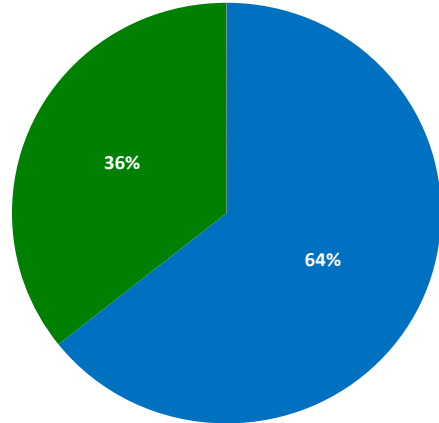
# Feedback

### Theatre Etiquette



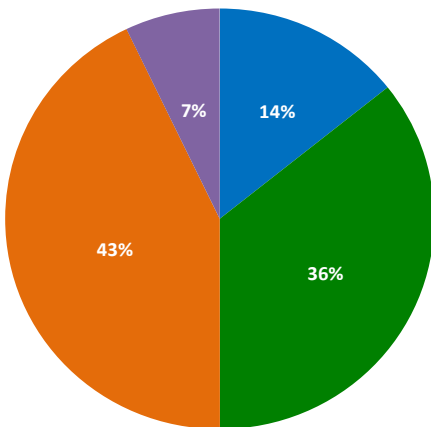
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

### Gowning and Gloving



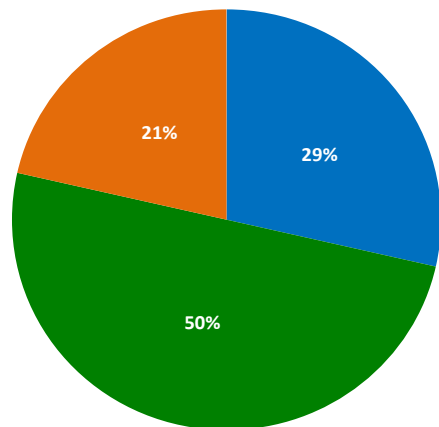
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

### Principles of Infection Control



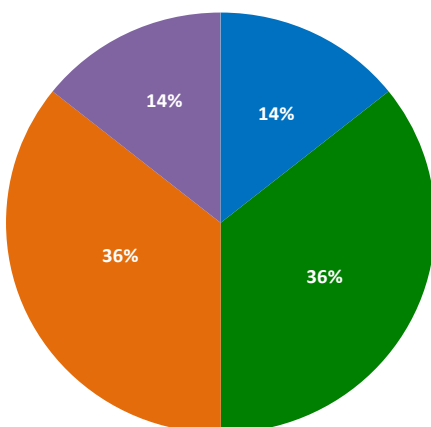
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

### Introduction to Surgical Instruments



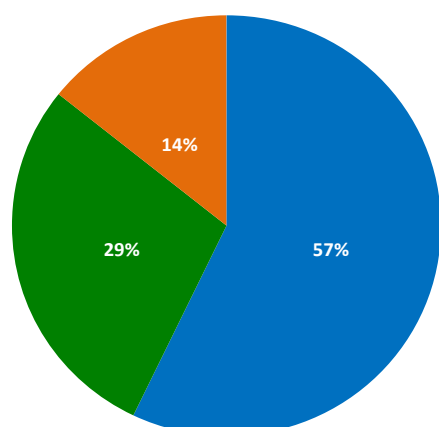
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

### Physiology of Wound Healing



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

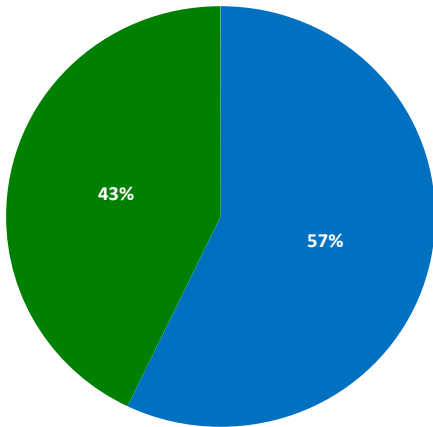
### Introduction to Sutures and Needles



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

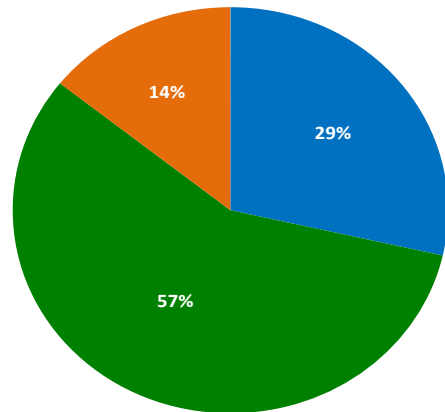
# Feedback

### Knot Tying



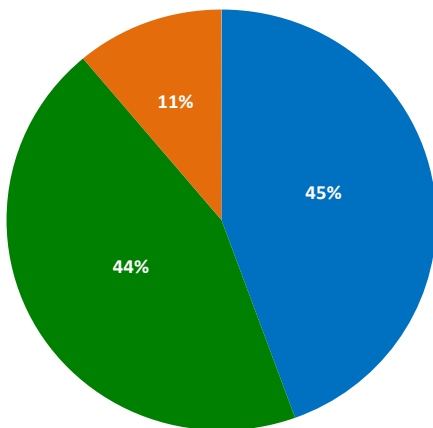
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

### How was the overall content of the course?



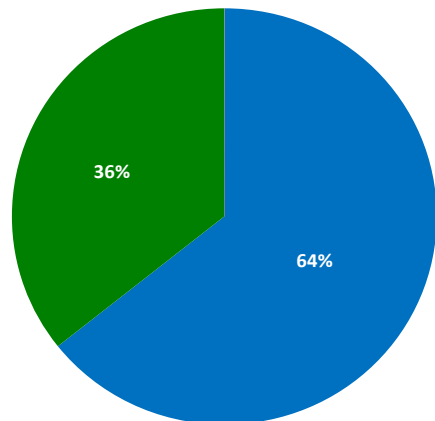
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

### How was the clarity of demonstrations?



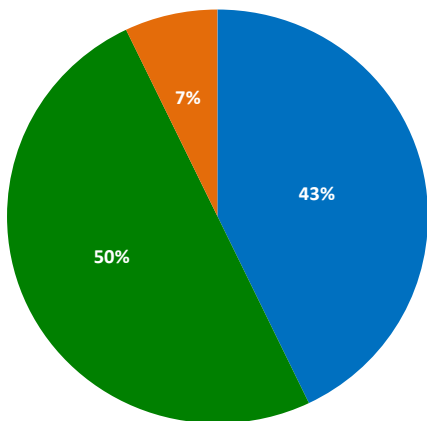
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

### How would you rate the academic standard and knowledge of the tutors?



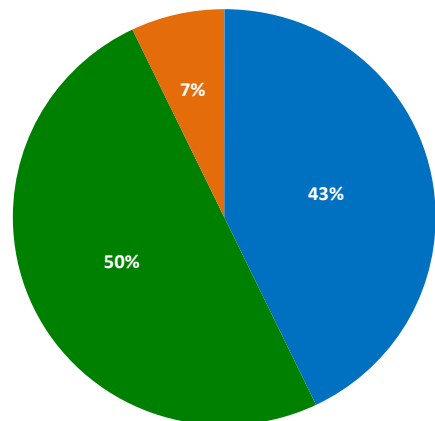
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

### Did you get sufficient opportunity to practice in the stations?



■ Most certainly ■ Certainly ■ Probably ■ A small amount ■ Not at all

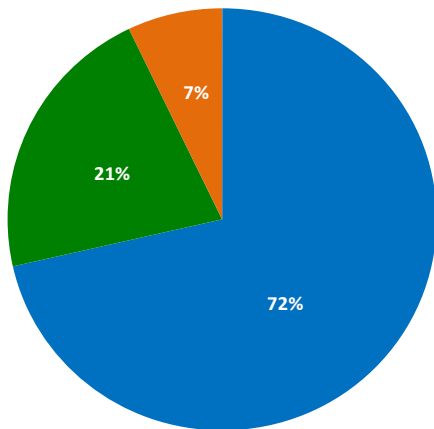
### Did the course provide you with a basic understanding of surgical skills?



■ Most certainly ■ Certainly ■ Probably ■ A small amount ■ Not at all

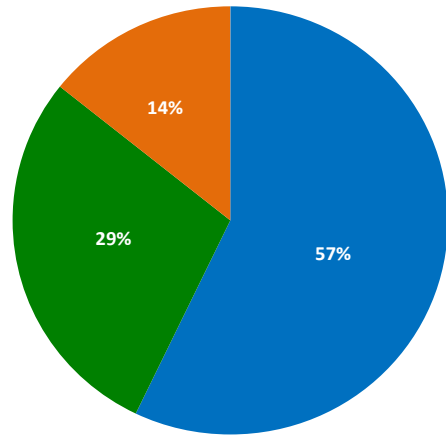
# Feedback

Would you recommend this course to a friend?



■ Most certainly ■ Certainly ■ Neutral ■ Maybe ■ No

Do you think that this course provided value for money?



■ Most certainly ■ Certainly ■ Neutral ■ Maybe ■ No

## Individual Comments

It was well organised, the lectures were made very long and boring. The practical sessions were much more interesting.

**Mr Kaveh Davoudi**  
*University of Bristol*

It was really good I think infection control was too long but we still managed to finish early.

**Mr Kirishan Sandrasekar**  
*University of Bristol*

I strongly enjoyed the presentations and the openness of the people organising the event. I found the day clinically relevant and appreciated how my knowledge of surgery significantly increased by the end of the day. Thank you!

**Mr Paul Martin Rival**  
*University of Bristol*

Fairly decent. Was expecting more practical/manual dexterity work.

**Miss Elizabeth Domingo Dominguez**  
*University of Bristol*

Plenty of demonstrators to assist with suturing and knot tying skills when needed. Day was relevant to level of studies and seemed well organised. Good location for ease of access.

**Miss Rebecca Hannah Bowen**  
*University of Bristol*

Very informative.

**Mr Joseph Salem**

It was a great opportunity to learn some practical skills outside of our regular curriculum, and provided some insight into what life would be like as a surgeon.

**Mr Samuel Joseph Shaw**  
*University of Bristol*

Really enjoyed the practical sessions the most. We were in very small groups which meant we got a lot of teaching one on one and were given a lot of time to try new suturing techniques. Not so keen on the great amount of detail in some of the lecture slides, perhaps keep them more simple.

**Miss Nada Hisham Khalil**  
*University of Cambridge*

## Individual Comments

Affable tutors with desire to facilitate useful teaching.

**Mr Zachary David du Toit**  
*University of Bristol*

Well thought out and organised. Sufficient time to even practice a little suturing at the end which was fun.

**Miss Kirstine Ann David Andrew**  
*University of Bristol*

Excellent.

**Miss Leia Louise Harris**  
*University of Bristol*

I thought this course was brilliant. I learnt a great deal and thought it was a very interesting and useful experience. It has made me want to be a surgeon even more!

**Mr Michael Williams**  
*University of Bristol*

Informative and on point. Good organisation and knowledgeable teaching fellows.

**Miss Julia Niook Kiow Cheong**  
*University of Bristol*

I want to be a surgeon and this course has equipped me with basic skills that would help my introduction into surgery.

**Ms Melissa Jie Ying Tan**  
*University of Bristol*





# DOCTORS ACADEMY

BETTER EDUCATION. BETTER HEALTH.

Doctors Academy is an UK-based International Non-Profit Organisation comprising of doctors, dentists and scientists that undertakes a diverse range of educational activities globally. The aim of the Academy is to disseminate information and exchange medical knowledge between professionals from diverse backgrounds working in a variety of healthcare settings. This is achieved by the provision of a number of attendance courses, publishing house, online resources and international events/ 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
- MRCEM Part A
- MRCS Part B OSCE
- DOHNS: Intensive Revision & OSCE
- Intercollegiate Basic Surgical Skills (RCSEd delivered)
- MRCP PACES Part 2
- FRCS (General Surgery) Exit Exam
- Cadaveric Ultrasound-Guided Musculoskeletal Intervention Course
- Ultrasound-Assisted Botulinum Toxin Injection for Neuromuscular Disorders
- Live Advanced Laparoscopic Colorectal Course



## Forthcoming key events:

- **International Medical Summer School**  
*Manchester, 1<sup>st</sup> - 5<sup>th</sup> August 2016*
- **International Academic and Research Conference**  
*Manchester, 6<sup>th</sup> August 2016*
- **World University Anatomy Challenge**  
*Manchester, 5<sup>th</sup> August 2016*

## Publications



[publications.doctorsacademy.org](http://publications.doctorsacademy.org)

## World Journal of Medical Education & Research



Peer-reviewed academic journal with ISSN.

- No fee to view, read and download articles
- No subscription charges
- No submission fees
- No manuscript processing fee
- No publishing fee
- No cost to read, write or publish!

[wjmer.co.uk](http://wjmer.co.uk)

## Online Revision Resources

DoctorExams consists of 1000s of questions with detailed explanations in MCQ, EMQ, SBA and SAQ formats. Questions are 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 topics. Based on past exams, these questions are carefully crafted to suit the requirements of undergraduate students & postgraduate trainees undertaking relevant speciality exams.

### Resources for:

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

[www.doctorexams.co.uk](http://www.doctorexams.co.uk)

# [www.doctorsacademy.org](http://www.doctorsacademy.org)