



THE ROYAL COLLEGE  
OF SURGEONS OF  
EDINBURGH

## Intercollegiate Basic Surgical Skills Course

Feedback - January 2016



## Intercollegiate Basic Surgical Skills

The Basic Surgical Skills course has been running since 1994, with the involvement of all four UK and Ireland Colleges of Surgeons, and is designed to teach the essential basic technical skills required of a surgeon, instilling good practice at the early stages of training.

Junior Trainees pursuing a career in surgery are expected to be able to perform a range of basic surgical skills prior to commencing specialty surgical training. These skills are not specifically covered during their foundation or core training placements.

The ethos of this Intercollegiate Basic Surgical Skills Course (BSSC) was to instil core surgical skills at the very start of a surgeon's training by teaching the correct basic technique.

Participants were introduced to the principles underpinning the various techniques with individual tuition and under the expert supervision of consultant surgeons. The participants were then assessed throughout the course and are issued with a certificate upon successful completion of the course.

The course was held over two days with a series of demonstrations and extensive hands on sessions. Techniques were practiced using a combination of prepared animal tissue, synthetic models and simulation.



### Course Information

<b>Course date:</b>	<b>9<sup>th</sup> – 10<sup>th</sup> January 2016</b>
<b>Venue:</b>	<b>Education Centre, Christie Hospital Manchester, UK</b>
<b>Attendance:</b>	<b>21 Delegates</b>
<b>Aimed at:</b>	<b>FY1 (perquisite - 6 months in a surgical training post), FY2, ST1/CT1 &amp; ST2/CT2.</b>
<b>Course fee:</b>	<b>£585.00 Full Course Fee</b>  <b>£550.00 RCSEd Affiliate Member</b>

### Learning Outcomes

On completion of this course, participants will be able to:

- Demonstrate an appropriate procedure for 'gowning' and 'gloving' in accordance with recommended standards of practice.
- Tie a variety of reliable knots, including, surgical reef knots and the Aberdeen knot and tying at depth.
- Describe correct handling and use of surgical instruments.
- Suture a variety of tissues, including skin, bowel, vascular tissue and tendons effectively.
- Perform abscess drainage and contaminated wound debridement in accordance with the basic principles of wound management.
- Demonstrate safe fine tissue handling utilising small bowel, vascular and tendon models for basic anastomoses technique.
- Demonstrate an understanding of basic diathermic technique.
- Demonstrate effective management of ergonomic issues commonly encountered in endoscopic surgery.

## Course Programme

<b>0830</b>	Registration	
<b>0850</b>	Introduction	Mr Tandon
<b>0910</b>	Gowning and Gloving	Mr Tandon
<b>0940</b>	Handling Instruments	Mr Khan
<b>1015</b>	Knots (1) - Reef Knot, Instrument Tie Assessment	Mr Tandon
<b>1100</b>	<b>Coffee Break</b>	
<b>1115</b>	Knots (2) - Surgeons Knots, Tie at Depth Assessment	Mr Tandon
<b>1200</b>	Suturing - Needle Manipulation and Driving, Interrupted, Sub-Cuticular, Vertical Mattress Assessment	Mr Wallace
<b>1300</b>	<b>Lunch Break</b>	
<b>1345</b>	Skin Lesions and LA Techniques - Skin Lesions, Sebaceous Cyst	Mr Hooper
<b>1430</b>	Fine Tissue Handling (1) - Tendon Repair, Assisted	Mr Hooper
<b>1515</b>	<b>Coffee Break</b>	
<b>1530</b>	Wound Management - Abscess Drainage, Debriding Traumatic Wound	Mr Hooper
<b>1615</b>	Diathermy (Practical or Seminar)	Mr Hooper, Mr Gajanan Mr Enoch
<b>1700</b>	Question and Answer Session	All Faculty

## Course Programme

<b>0830</b>	Registration	
<b>0900</b>	Skills Consolidation/ OSAT	All Faculty
<b>1000</b>	Abdominal Incision and Closure	Mr Wallace
<b>1100</b>	Haemostasis, Ligation in Continuity, Pedicle Ligation, Transfixion	Mr Khan

### 1145 Coffee Break

<b>1200</b>	End to End Bowel Anastomosis - Interrupted, Instrument Tied Knots	Mr Wallace
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### 1315 Lunch Break

<b>1400</b>	Fine Tissue Handling (2) - Vein Patch Exercise, Assisted	Mr Hooper
<b>1515</b>	Introduction to Endoscopic Surgery	Mr Gajanan
<b>1530</b>	Endoscopic Exercises - Visualisation Tasks, Various Scope Angles, Use of Coaxial Instruments, Manipulation of Non-Coaxial Instruments	All Faculty
<b>1645</b>	Question and Answer Session, Certification	Mr Tandon

#### Local Faculty:

Mr C Selvasekar (Course Director)  
Mr K Gajanan  
Mr S Enoch

#### RCSEd Faculty:

Mr R Tandon  
Mr G Hooper  
Mr I Wallace  
Mr K Khan

#### Junior Faculty:

Ms E Blower  
Ms S Goonewardene  
Ms YL Goh

## Faculty List

### **Mr Roop Tandon, MBBS, FRCS**

Surgical Skills Tutor – Royal College of Surgeons of Edinburgh  
Formerly, Consultant Orthopaedic Surgeon, Wolverhampton Hospital

### **Mr Geoffrey Hooper, MB ChB, MMSc, MD, FRCS, FRCSEd (Orth)**

Retired Consultant Orthopaedic Surgeon, St. John's Hospital, Livingston  
Surgical Tutor - RCS Edinburgh

### **Mr Chelliah Selvasekar, MBBS, MD, FRCS (Ed, Glas), FRCS Ed (Gen. Surg)**

Consultant General, Laproscopic & Colorectal Surgeon  
Christie Hospital, Manchester

### **Mr Stuart Enoch, MB, PhD, MRCS (Eng & Edin)**

Programme Director  
Doctors Academy Group

### **Mr Kantappa Gajanan, MBBS, MS**

Specialist Doctor in Plastic Surgery  
The Christie, Manchester

### **Ms Yan Mei Goh, MB ChB, MRCS**

Core Surgical Trainee in General Surgery  
Lancashire Teaching Hospitals NHS Foundation Trust

### **Ms Yan Li Goh, MB ChB, MRCS, PG Dip Clin Ed**

Trainee in General Surgery  
Royal Preston Hospital  
Lancashire Teaching Hospitals NHS Foundation Trust

### **Mr K Khan**

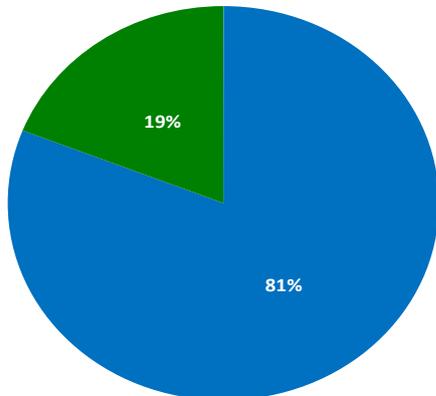
### **Ms E Blower**

### **Mr I Wallace**

### **Ms S Goonewardene**

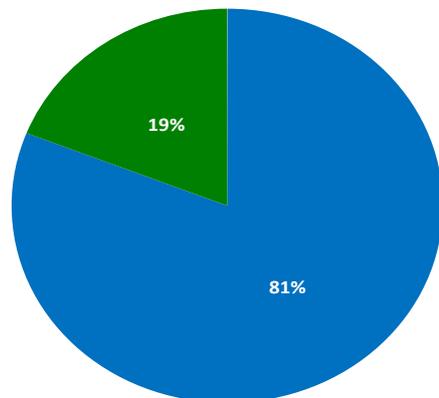
# Overall Teaching Feedback

As a result of attending this course, I have improved in my ability to: Explain the principles of good practice in theatre etiquette, knot tying, suturing, haemostasis, anastomosis, surgical diathermy & ergonomics for endoscopic surgery



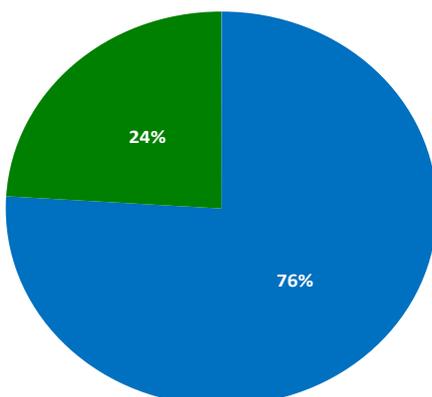
■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree

As a result of attending this course, I have improved in my ability to: Describe correct handling and use of surgical instruments



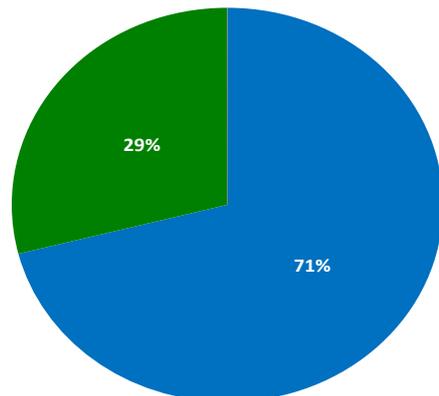
■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree

As a result of attending this course, I have improved in my ability to: Demonstrate an appropriate procedure for 'gowning' & 'gloving' in accordance with recommended standards of practice



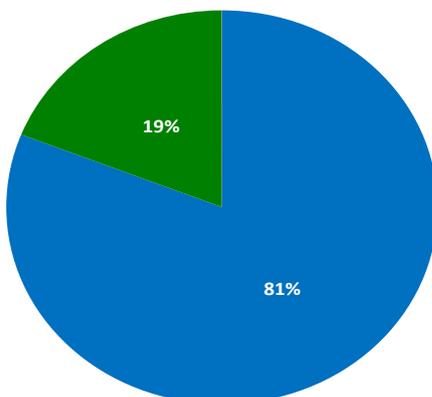
■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree

As a result of attending this course, I have improved in my ability to: Tie a variety of reliable knots, including surgical reef knots, the Aberdeen knot & tying at depth



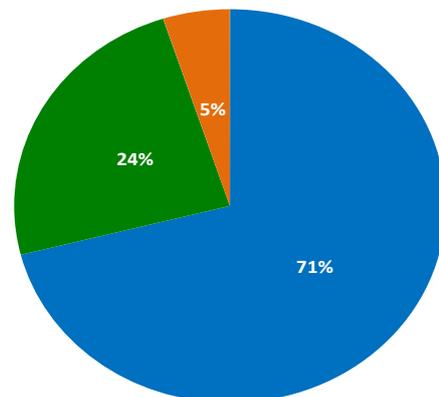
■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree

As a result of attending this course, I have improved in my ability to: Suture a variety of tissues, including skin, bowel, vascular tissue and tendons effectively



■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree

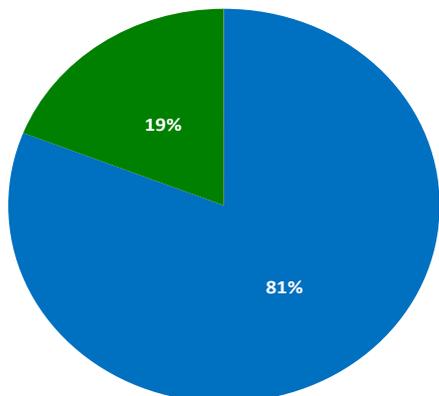
As a result of attending this course, I have improved in my ability to: Perform abscess drainage & contaminated wound debridement in accordance with the basic principles of wound management



■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree

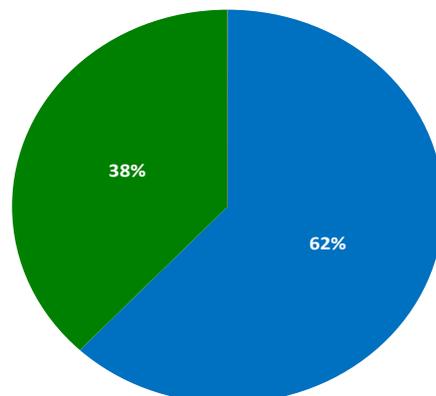
# Overall Teaching Feedback

As a result of attending this course, I have improved in my ability to: Demonstrate basic techniques for small bowel, vascular and tendon anastomoses



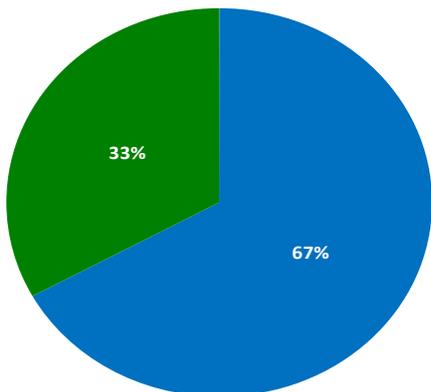
■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree

As a result of attending this course, I have improved in my ability to: Demonstrate an understanding of basic diathermic technique



■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree

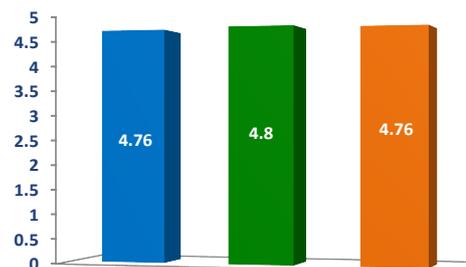
As a result of attending this course, I have improved in my ability to: Demonstrate effective management of ergonomic tissue commonly encountered with endoscopic surgery



■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree

## Introduction

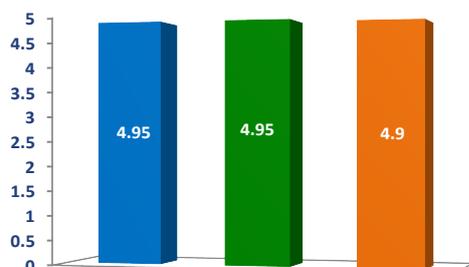
1 is Very Poor, 2 is Poor, 3 is Neutral, 4 is Good, 5 is Excellent



■ Clarity of information ■ Relevance of session ■ Delivery (materials/style)

## Gowning and Gloving

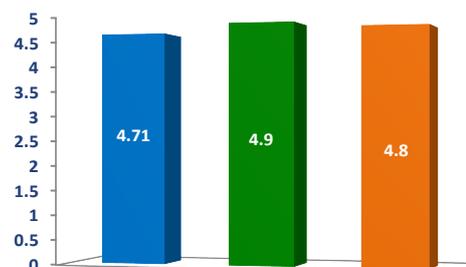
1 is Very Poor, 2 is Poor, 3 is Neutral, 4 is Good, 5 is Excellent



■ Clarity of information ■ Relevance of session ■ Delivery (materials/style)

## Handling Instruments

1 is Very Poor, 2 is Poor, 3 is Neutral, 4 is Good, 5 is Excellent

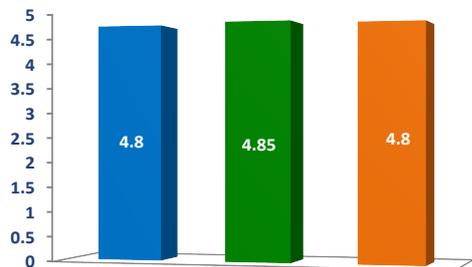


■ Clarity of information ■ Relevance of session ■ Delivery (materials/style)

# Overall Teaching Feedback

## Knots (1) Reef knot, Instrument Tie

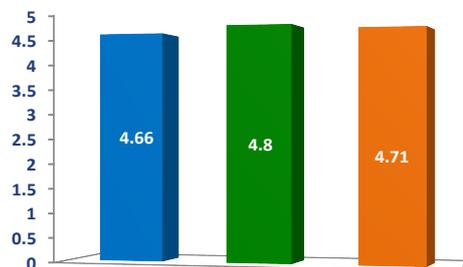
1 is Very Poor, 2 is Poor, 3 is Neutral, 4 is Good, 5 is Excellent



■ Clarity of information ■ Relevance of session ■ Delivery (materials/style)

## Knots (2) Surgeons Knot, tie at Depth

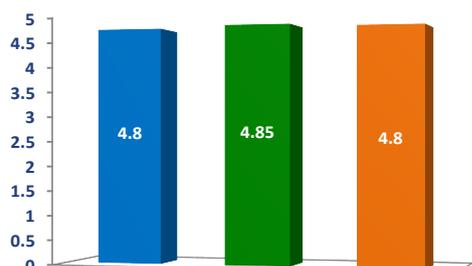
1 is Very Poor, 2 is Poor, 3 is Neutral, 4 is Good, 5 is Excellent



■ Clarity of information ■ Relevance of session ■ Delivery (materials/style)

## Suturing Needle Manipulation & Driving, Interrupted, Sub-Cuticular, Vertical Mattress

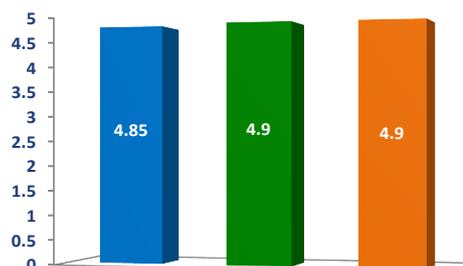
1 is Very Poor, 2 is Poor, 3 is Neutral, 4 is Good, 5 is Excellent



■ Clarity of information ■ Relevance of session ■ Delivery (materials/style)

## Skin Lesions & LA Techniques - Skin Lesions, Subcutaneous Cysts

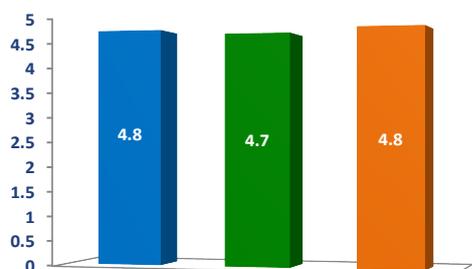
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■ Clarity of information ■ Relevance of session ■ Delivery (materials/style)

## Fine Tissue Handling (1) Tendon Repair (Assisted)

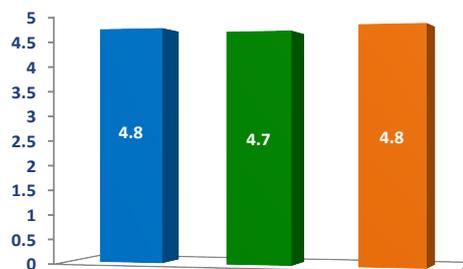
1 is Very Poor, 2 is Poor, 3 is Neutral, 4 is Good, 5 is Excellent



■ Clarity of information ■ Relevance of session ■ Delivery (materials/style)

## Wound Management - Abscess Drainage, Debriding Traumatic Wound

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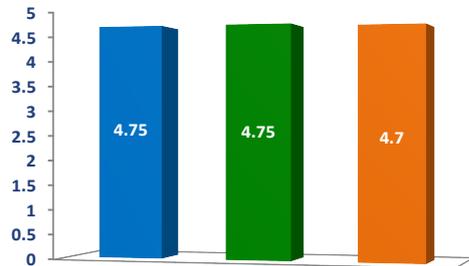


■ Clarity of information ■ Relevance of session ■ Delivery (materials/style)

# Overall Teaching Feedback

## Diathermy (Practical or Seminar)

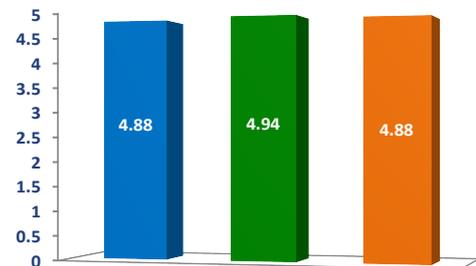
1 is Very Poor, 2 is Poor, 3 is Neutral, 4 is Good, 5 is Excellent



■ Clarity of information   ■ Relevance of session   ■ Delivery (materials/style)

## Skills Consolidation/OSAT

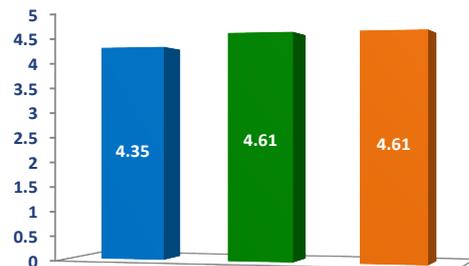
1 is Very Poor, 2 is Poor, 3 is Neutral, 4 is Good, 5 is Excellent



■ Clarity of information   ■ Relevance of session   ■ Delivery (materials/style)

## Abdominal Incision & Closure

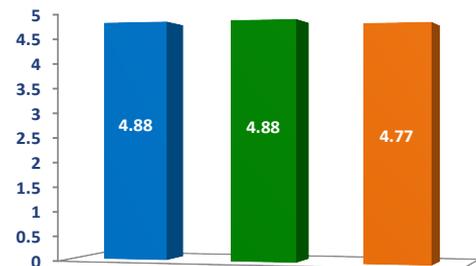
1 is Very Poor, 2 is Poor, 3 is Neutral, 4 is Good, 5 is Excellent



■ Clarity of information   ■ Relevance of session   ■ Delivery (materials/style)

## Haemostasis - Ligation in Continuity, Pedicle Ligation, Transfixion

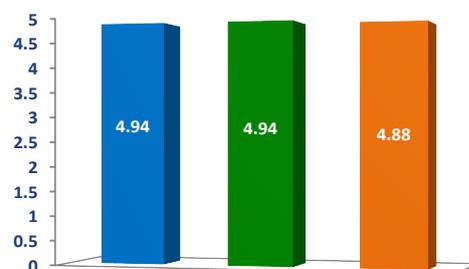
1 is Very Poor, 2 is Poor, 3 is Neutral, 4 is Good, 5 is Excellent



■ Clarity of information   ■ Relevance of session   ■ Delivery (materials/style)

## End to End Bowel Anastomosis - Interrupted, Instrument Tied Knots

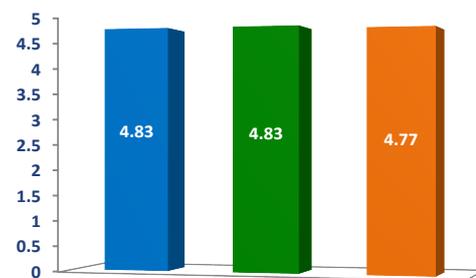
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■ Clarity of information   ■ Relevance of session   ■ Delivery (materials/style)

## Fine Tissue Handling (2) Vein Patch Exercise, (Assisted)

1 is Very Poor, 2 is Poor, 3 is Neutral, 4 is Good, 5 is Excellent

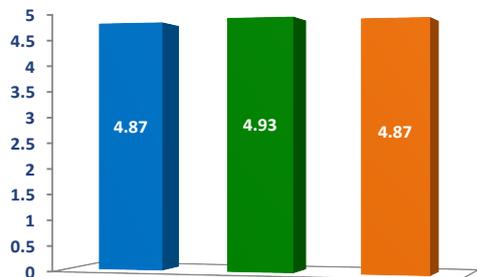


■ Clarity of information   ■ Relevance of session   ■ Delivery (materials/style)

# Overall Teaching Feedback

## Introduction to Endoscopic Surgery

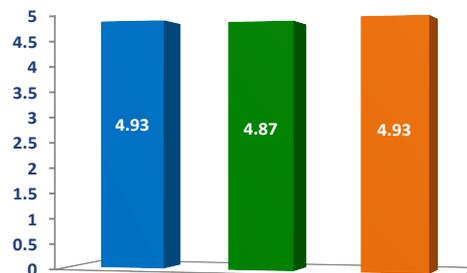
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■ Clarity of information ■ Relevance of session ■ Delivery (materials/style)

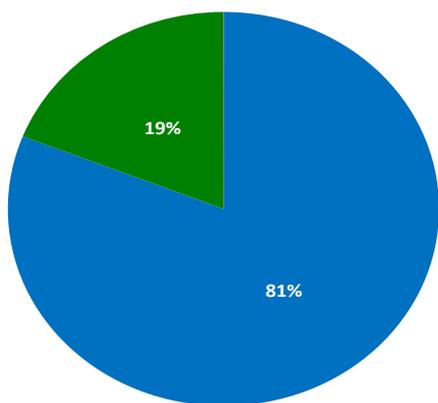
## Endoscopic Exercises - Visualisation Tasks, various Scope Angles, use of Coaxial Instruments, Manipulation of non-Coaxial Instruments

1 is Very Poor, 2 is Poor, 3 is Neutral, 4 is Good, 5 is Excellent



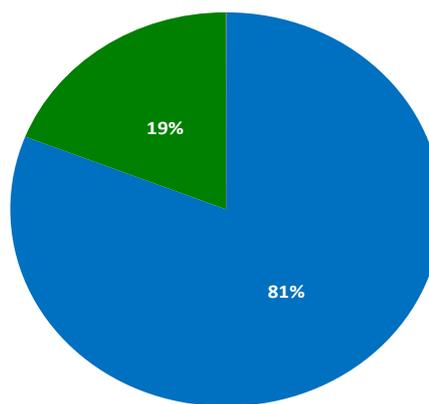
■ Clarity of information ■ Relevance of session ■ Delivery (materials/style)

How would you rate the content of the suture pack?



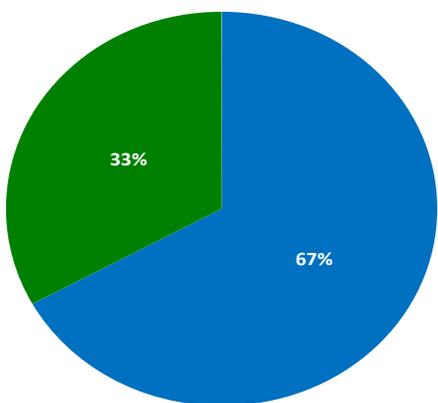
■ Excellent ■ Good ■ Average ■ Little Use

How would you rate the benefit of attending this training course?



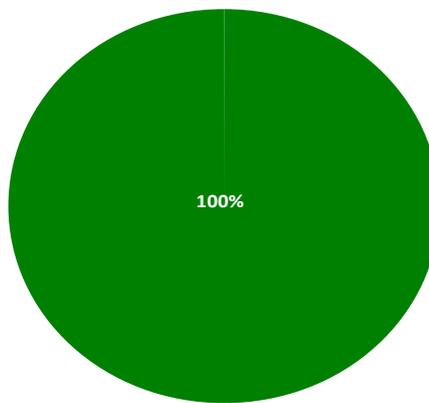
■ Excellent ■ Good ■ Average ■ Little Use

How would you rate the Overall Impression of the Suture Pack?



■ Excellent ■ Good ■ Average ■ Little Use

After attending the course do you have any unanswered questions?



■ Yes ■ No



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