



**Intercollegiate Basic Surgical  
Skills Course**

**Feedback - December 2019**

## 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 were then 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>7<sup>th</sup> and 8<sup>th</sup> December 2019</b>
<b>Venue:</b>	<b>Education Centre, Christie Hospital, Manchester</b>
<b>Attendance:</b>	<b>20 Delegates</b>
<b>Aimed at:</b>	<b>FY1 (6 months in a surgical training post is a pre-requisite); FY2; ST1/CT1; ST2/CT2.</b>
<b>Course Fee:</b>	<b>£585.00 - Full Course Fee £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, 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

0840	Registration	
0900	Introduction	Mr David Sedgwick
0910	Gowning and Gloving	Ms Victoria Dobie
0940	Handling Instruments	Mr Ian Wallace
1015	Knots (1) – Reef Knot, Instrument Tie Assessment	Mr David Sedgwick

### 1100 Coffee Break

1115	Knots (2) – Surgeons Knots, Tie at Depth Assessment	Mr Paul Fisher
1200	Suturing – Needle Manipulation and Driving, Interrupted, Sub-Cuticular, Vertical Mattress Assessment	Mr Wee Lam

### 1300 Lunch Break

1345	LA Techniques Skin Lesions and Sebaceous Cyst	Mr Ian Wallace
1430	Fine Tissue Handling (1) – Tendon Repair, Assisted	Mr Wee Lam

### 1515 Coffee Break

1530	Wound Management – Abscess Drainage, Debriding a Traumatic Wound	Ms Victoria Dobie
1615	Diathermy (Practical or Seminar)	Mr David Sedgwick
1700	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 Paul Fisher
<b>1100</b>	Haemostasis, Ligation in Continuity, Pedicle Ligation, Transfixion	Mr Ian Wallace
<b>1145</b>	<b>Coffee Break</b>	
<b>1200</b>	End-to-End Bowel Anastomosis – Interrupted, Instrument-Tied Knots	Mr David Sedgwick
<b>1315</b>	<b>Lunch Break</b>	
<b>1400</b>	Fine Tissue Handling (2) - Vein Patch Exercise, Assisted	Mr Wee Lam
<b>1515</b>	Introduction to Laparoscopic Surgery	Mr Paul Fisher
<b>1530</b>	Laparoscopic Exercises – Visualisation Tasks, Various Scope Angles, Use of Coaxial Instruments, Manipulation of Non-Coaxial Instruments	All Faculty
<b>1645</b>	Question and Answer Session	All Faculty

## Faculty List

**Mr David Sedgwick, BSc MedSci, MBChB, FRCS**

Formerly Consultant General Surgeon

**Mr Ian W J Wallace, MBChB, BSc, FRCSEd**

Surgical Skills Tutor - Royal College of Surgeons of Edinburgh

Retired Consultant Urologist

**Mr Jimmy Lam, MBChB, FRCS (Paed Surg)**

Consultant Paediatric Surgeon

Royal Hospital for Sick Children, Edinburgh

**Mr Paul Fisher, MBBS, FRCS**

Consultant General Surgeon

Caithness General Hospital, Wick

**Ms Victoria Dobie, MBChB**

Associate Specialist in Orthopaedics and Trauma

Borders General Hospital, Melrose

**Mr Wee Lam, MBChB, MPhil, FRCS (Plast), Dip Hand Surg (UK), Eur Dip Hand Surg (FESSH)**

Consultant Plastic and Hand Surgeon

Royal Hospital for Sick Children, Edinburgh and St John's Hospital at Howden, Livingston

Honorary Clinical Senior Lecturer

University of Edinburgh, Edinburgh

**Assisting Tutors**

**Mr Kahlan Al Kaisi, MBChB, MPH, MRCSEd**

Specialty Registrar in Trauma and Orthopaedic Surgery

Hereford County Hospital, Hereford

**Mr Stefan Linton, MBBS, DOHNS, MRCSEd(ENT)**

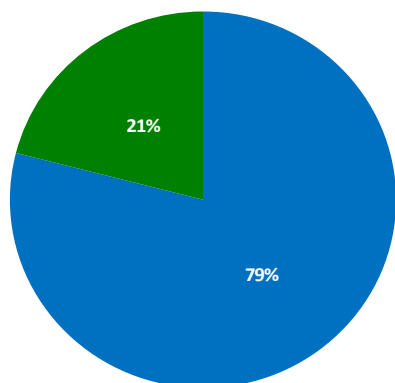
Clinical Fellow in Otolaryngology

Manchester Royal Infirmary, Manchester

# Overall Teaching Feedback

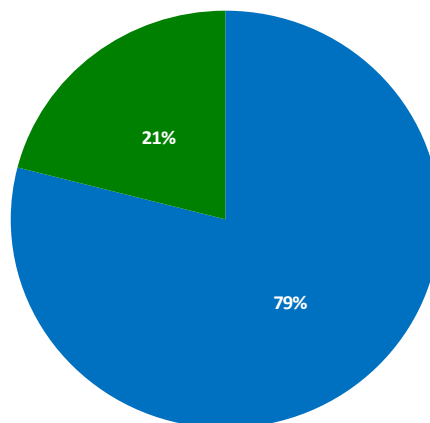
As a result of attending this course, I am better able to:

Explain the principles of good practice in basic surgical skills.



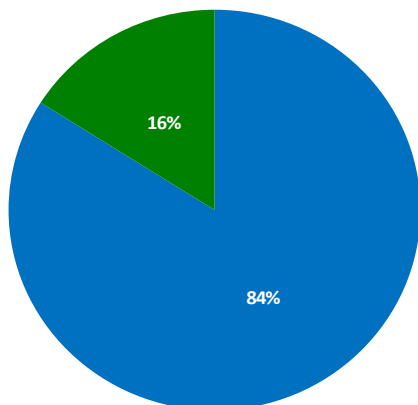
■ Strongly agree  
 ■ Agree  
 ■ Neither agree nor disagree  
 ■ Disagree  
 ■ Strongly disagree

Describe correct handling and use of surgical instruments.



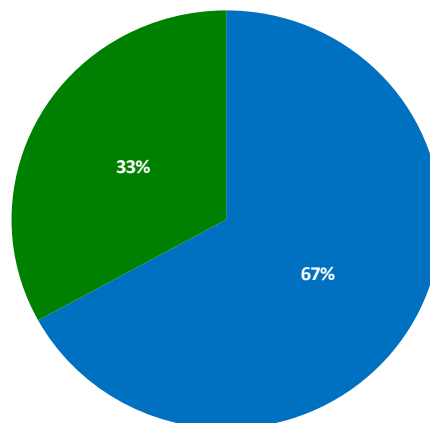
■ Strongly agree  
 ■ Agree  
 ■ Neither agree nor disagree  
 ■ Disagree  
 ■ Strongly disagree

Demonstrate an appropriate procedure for 'gowning' and 'gloving'.



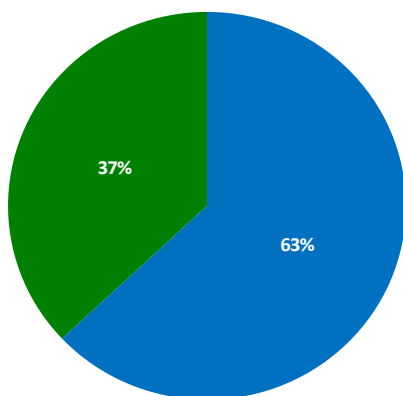
■ Strongly agree  
 ■ Agree  
 ■ Neither agree nor disagree  
 ■ Disagree  
 ■ Strongly disagree

Tie a variety of reliable knots and demonstrate tying at depth.



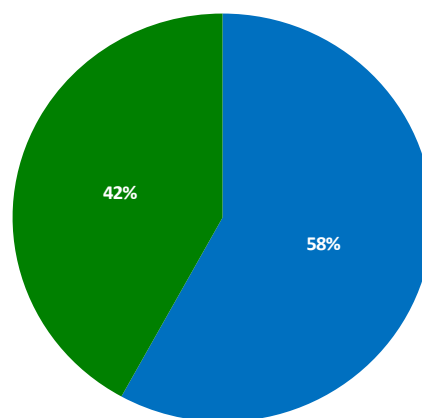
■ Strongly agree  
 ■ Agree  
 ■ Neither agree nor disagree  
 ■ Disagree  
 ■ Strongly disagree

Suture a variety of tissues including skin, bowel, vascular tissue, and tendons effectively.



■ Strongly agree  
 ■ Agree  
 ■ Neither agree nor disagree  
 ■ Disagree  
 ■ Strongly disagree

Perform abscess drainage and contaminated wound debridement.

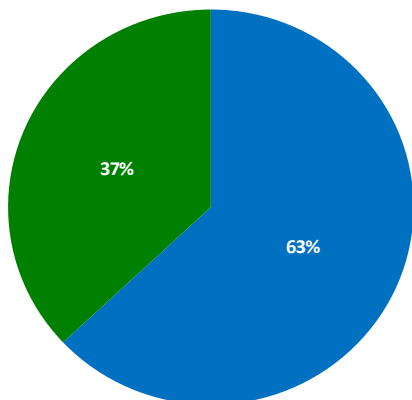


■ Strongly agree  
 ■ Agree  
 ■ Neither agree nor disagree  
 ■ Disagree  
 ■ Strongly disagree



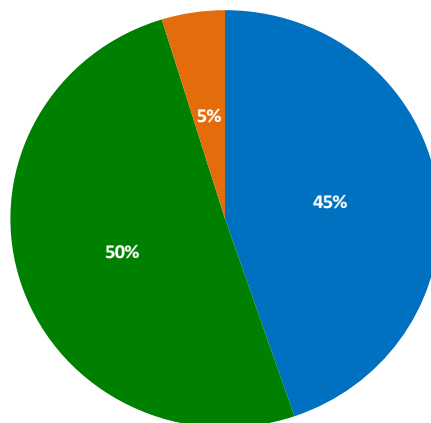
# Overall Teaching Feedback

Demonstrate basic techniques for small bowel, vascular and tendon anastomoses.



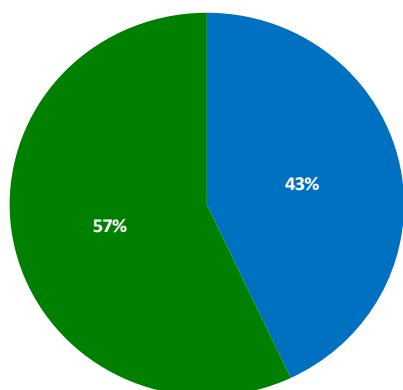
■ Strongly agree  
■ Neither agree nor disagree  
■ Strongly disagree  
■ Agree  
■ Disagree

Demonstrate an understanding of basic diathermic technique.



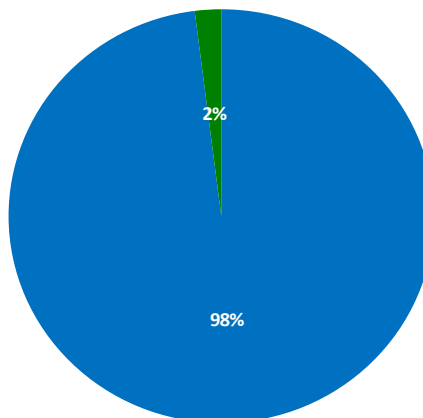
■ Strongly agree  
■ Neither agree nor disagree  
■ Strongly disagree  
■ Agree  
■ Disagree

Demonstrate effective management of ergonomic tissue commonly encountered in endoscopic surgery.



■ Strongly agree  
■ Neither agree nor disagree  
■ Strongly disagree  
■ Agree  
■ Disagree

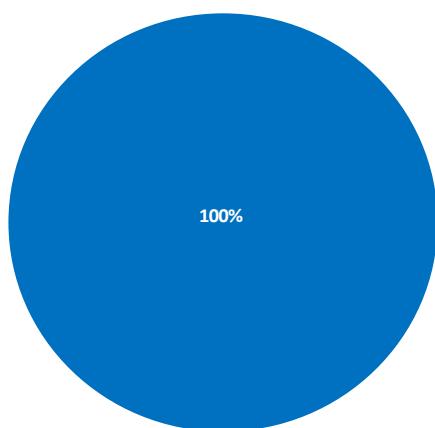
Has attending this course allowed you to improve in any other areas?



■ Yes  
■ No

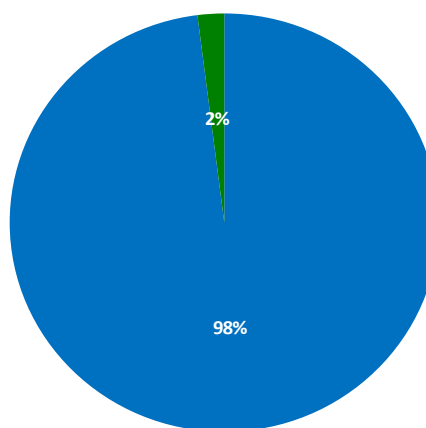
## Please rate the different aspects of each session:

Introduction



■ Good  
■ Adequate  
■ Poor

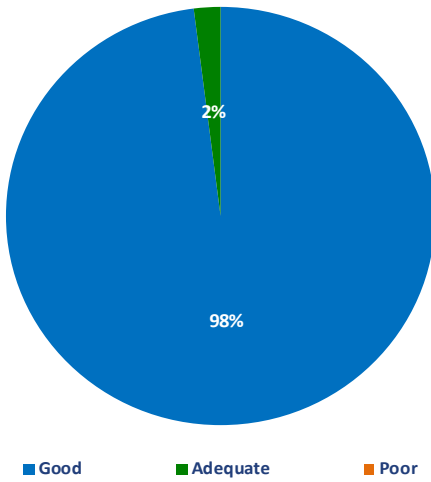
Gowning and Gloving



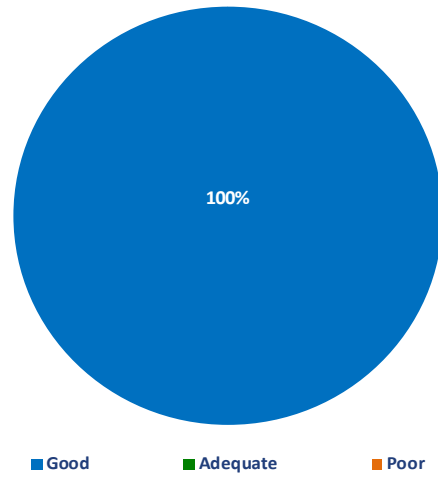
■ Good  
■ Adequate  
■ Poor

# Overall Teaching Feedback

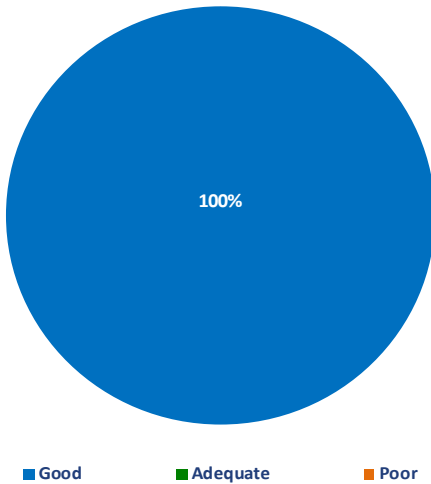
Handling Instruments



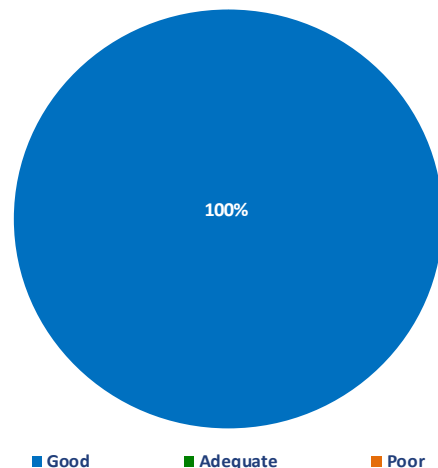
Knots (1) Reef Knot, Instrument Tie



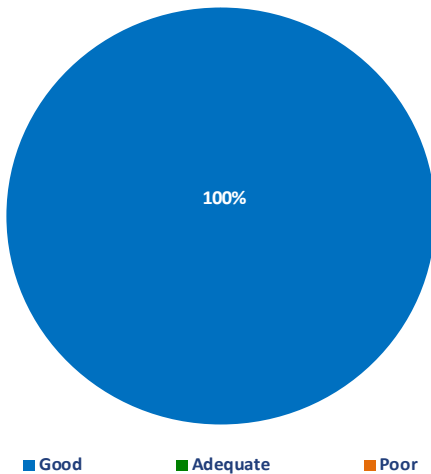
Knots (2) Surgeons Knot, Tie at Depth



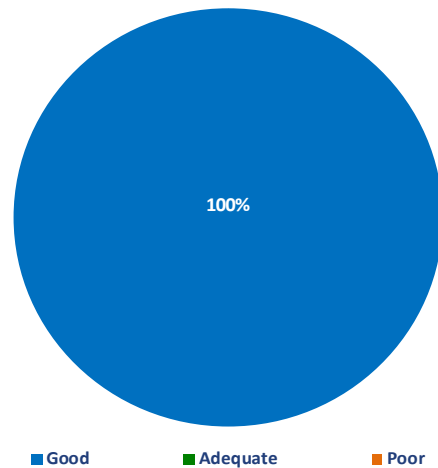
Suturing Needle Manipulation and Driving, Interrupted, Subcuticular, Vertical Mattress



Skin Lesions and LA Techniques - Skin Lesions, Sebaceous Cyst



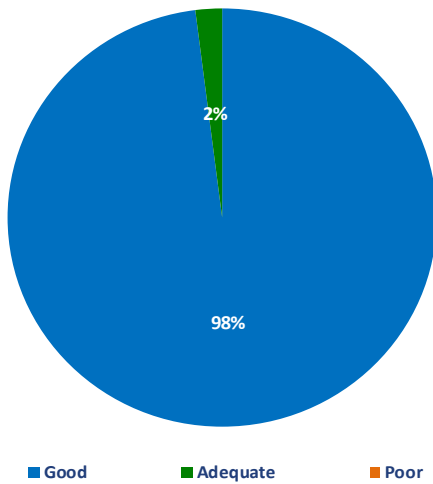
Fine Tissue Handling (1) Tendon Repair, Assisted



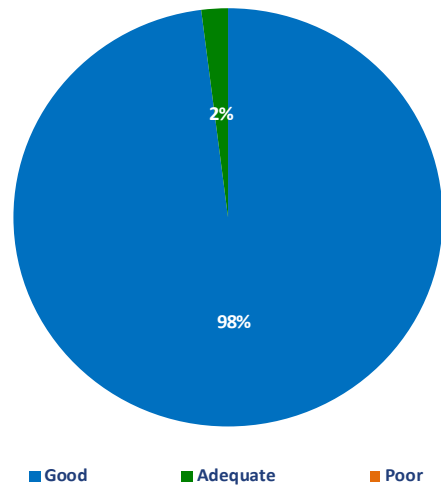


# Overall Teaching Feedback

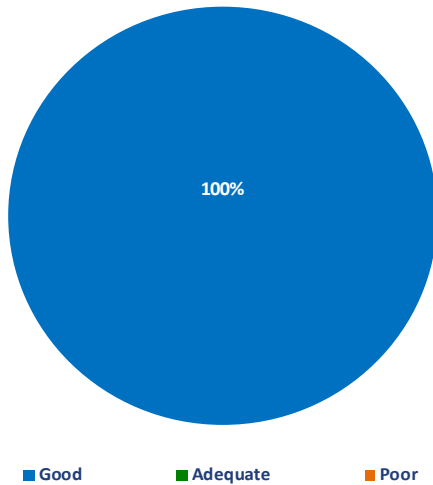
Wound Management - Abscess Drainage, Debriding a Traumatic Wound



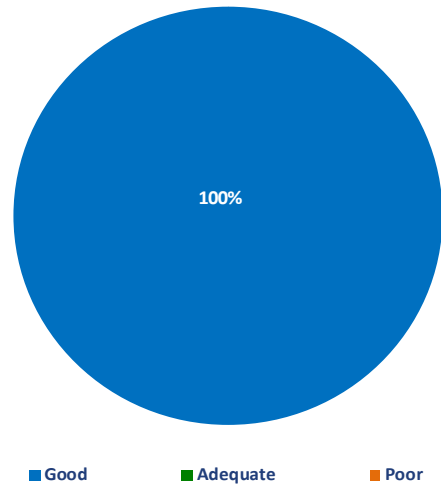
Diathermy (Practical or Seminar)



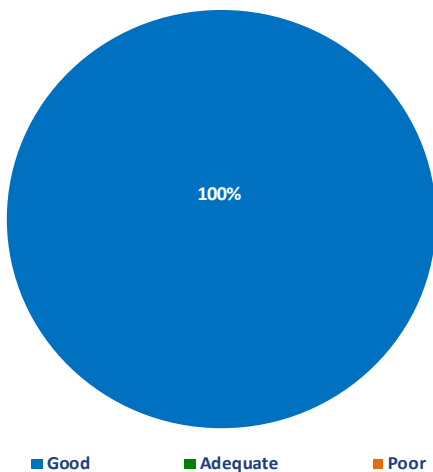
Skills Consolidation/OSAT



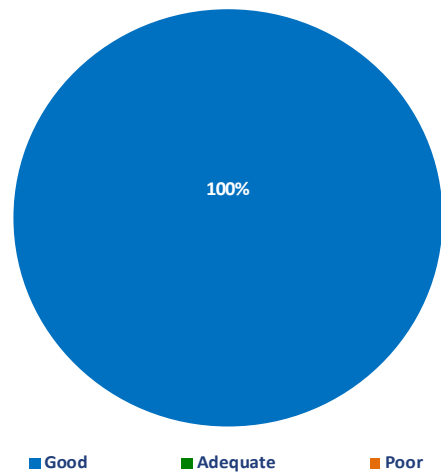
Abdominal Incision and Closure



Haemostasis - Ligation in Continuity, Pedicle Ligation, Transfixion

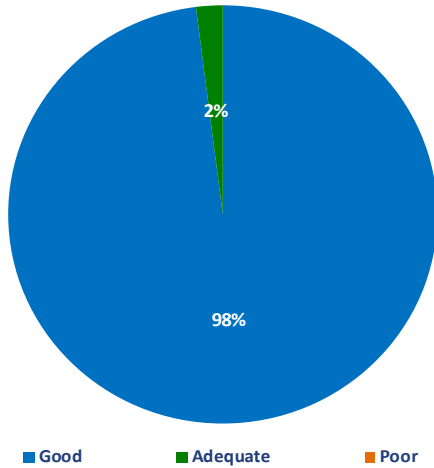


End-to-End Bowel Anastomosis - Interrupted, Instrument-Tied Knots

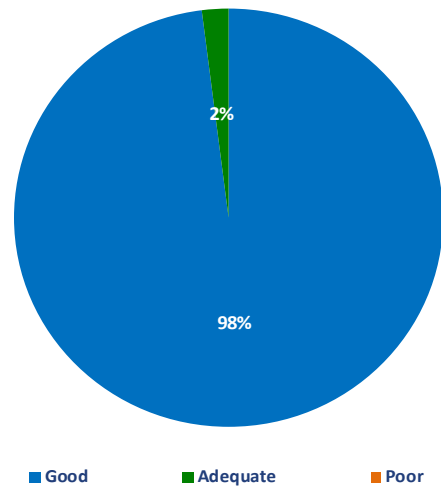


# Overall Teaching Feedback

Fine Tissue Handling (2) Vein Patch Exercise, Assisted

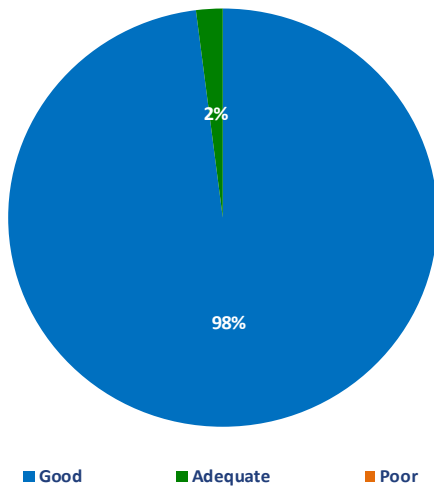


Introduction to Endoscopic Surgery

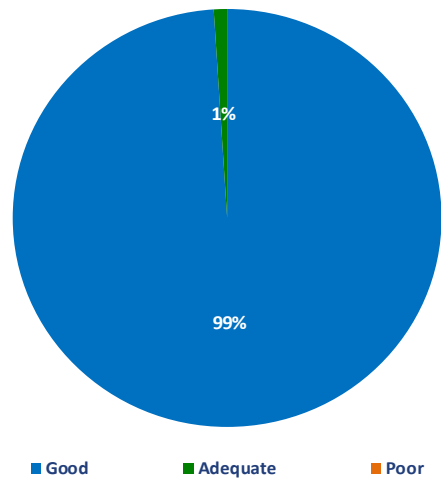


## Style of Delivery

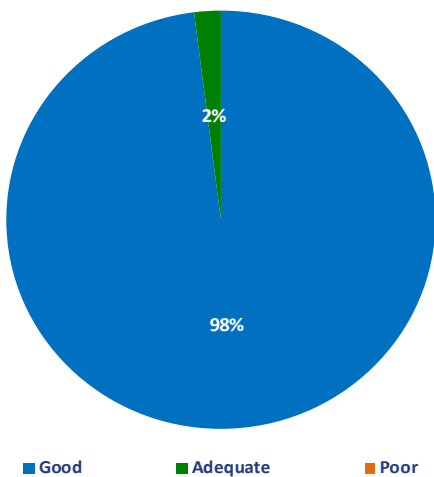
Introduction



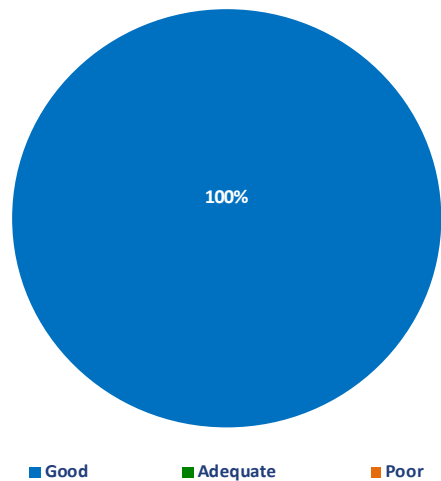
Gowning and Gloving



Handling Instruments

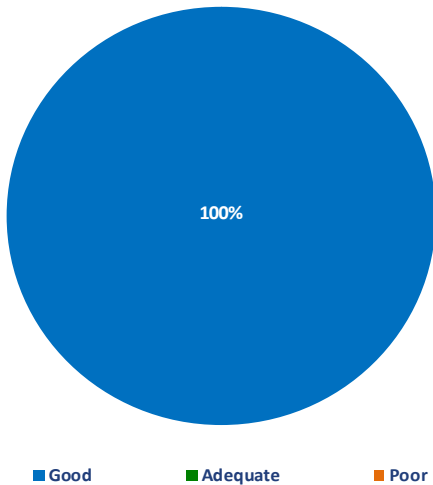


Knots (1) Reef Knot, Instrument Tie

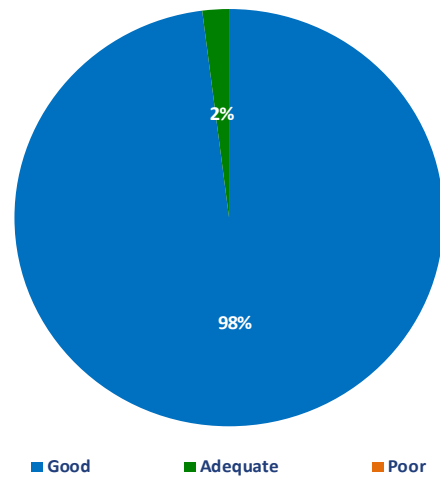


# Overall Teaching Feedback

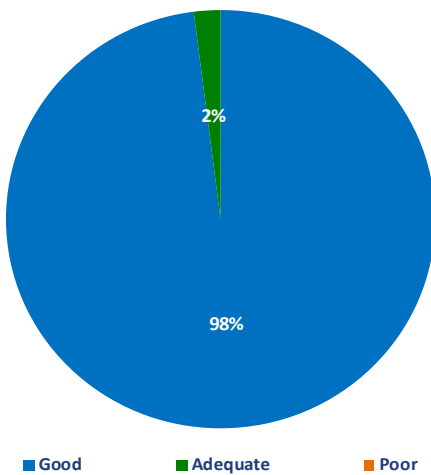
Knots (2) Surgeons Knot, Tie at Depth



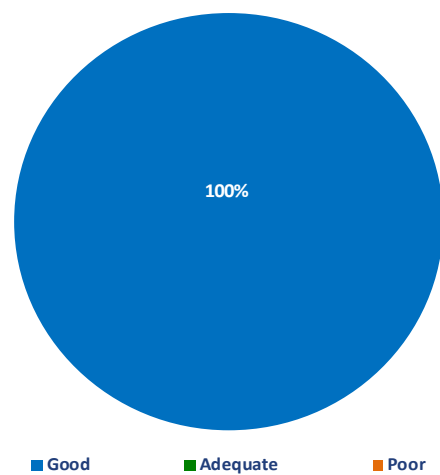
Suturing Needle Manipulation and Driving, Interrupted, Subcuticular, Vertical Mattress



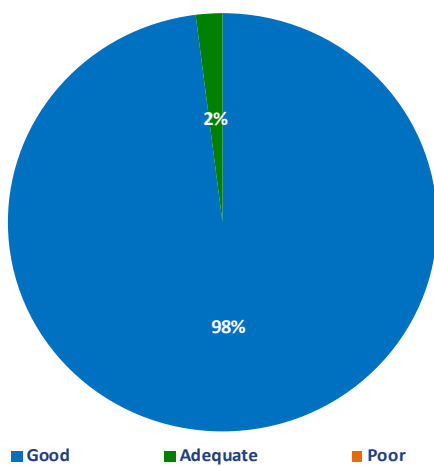
Skin Lesions and LA Techniques - Skin Lesions, Sebaceous Cyst



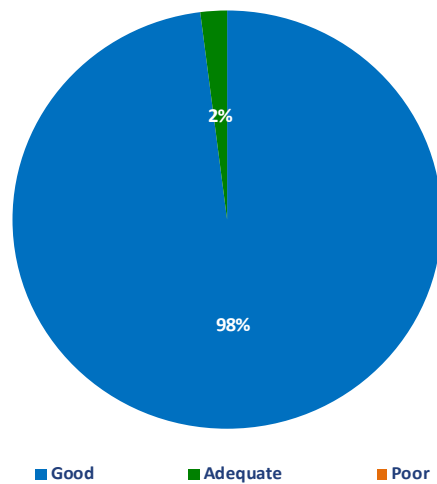
Fine Tissue Handling (1) Tendon Repair, Assisted



Wound Management - Abscess Drainage, Debriding a Traumatic Wound

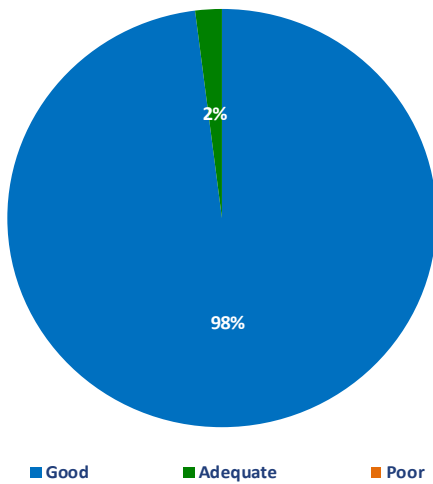


Diathermy (Practical or Seminar)

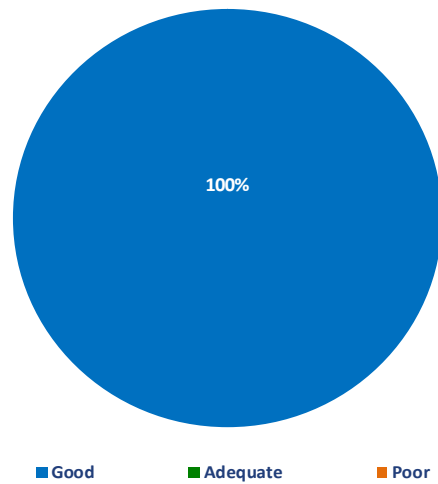


# Overall Teaching Feedback

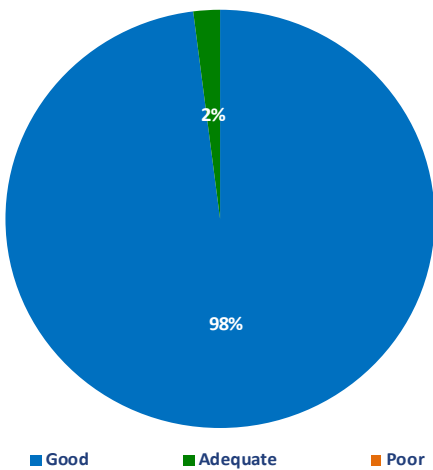
Skills Consolidation/OSAT



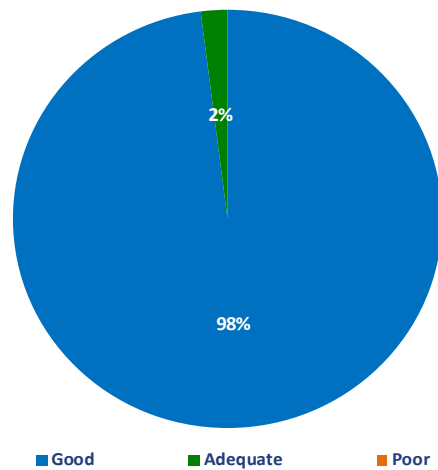
Abdominal Incision and Closure



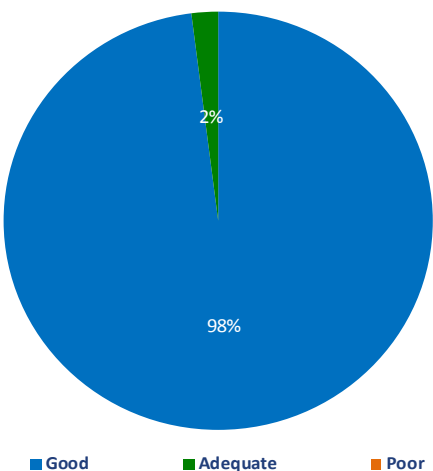
Haemostasis - Ligation in Continuity, Pedicle Ligation, Transfixion



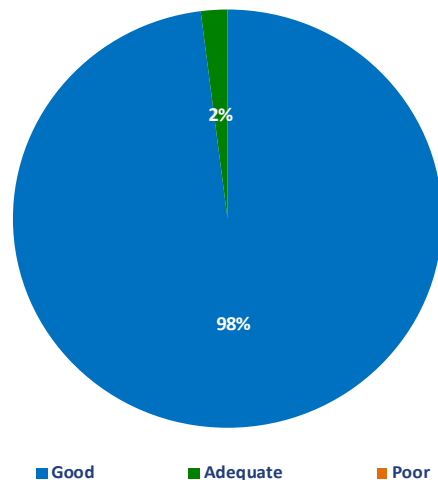
End-to-End Bowel Anastomosis - Interrupted, Instrument-Tied Knots



Fine Tissue Handling (2) Vein Patch Exercise, Assisted



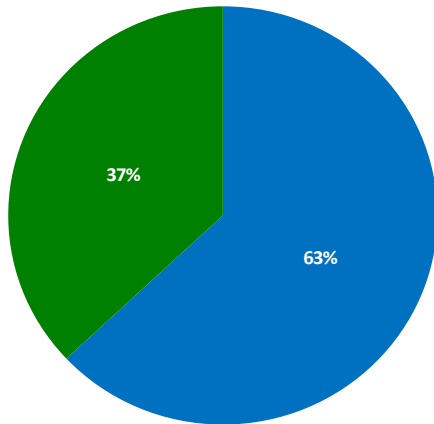
Introduction to Endoscopic Surgery



# Overall Teaching Feedback

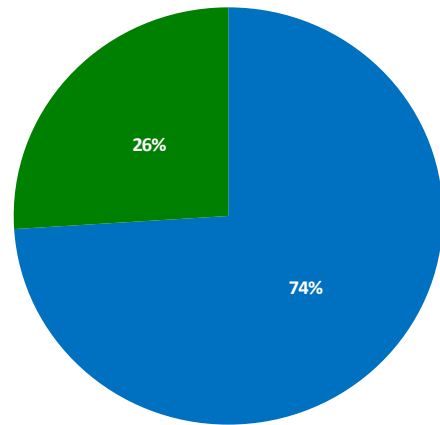
Please provide feedback on your experience with faculty:

The faculty provided constructive feedback.



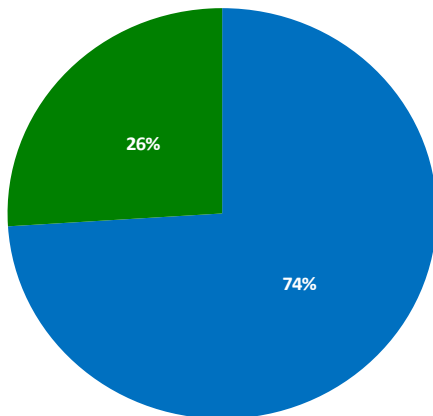
■ Strongly agree      ■ Agree  
■ Neither agree nor disagree      ■ Disagree  
■ Strongly disagree

The number of faculty was sufficient to deliver the course.



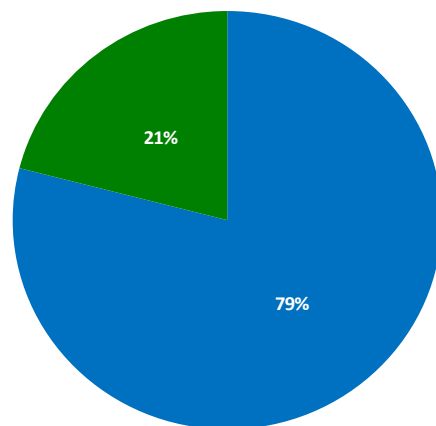
■ Strongly agree      ■ Agree  
■ Neither agree nor disagree      ■ Disagree  
■ Strongly disagree

The faculty demonstrated the level of knowledge and skills required to effectively deliver the course.



■ Strongly agree      ■ Agree  
■ Neither agree nor disagree      ■ Disagree  
■ Strongly disagree

The faculty were approachable and enthusiastic.



■ Strongly agree      ■ Agree  
■ Neither agree nor disagree      ■ Disagree  
■ Strongly disagree

## Comments

- This was an excellent course.
- The topics included in this course helped me to meet my needs.
- I really enjoyed the course. The amount of hands-on time was brilliant. It was easy to follow the progression through the skills and procedures.
- This was an excellent teaching session. I now feel much more confident in my skills. Many thanks.
- Thank you for an incredibly useful two days.
- This was a great course with lovely staff. Overall, this was a great experience.
- I really enjoyed the course.
- Thank you very much.



## Intercollegiate Basic Surgical Skills Course