



**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

Course Date:	14th and 15th December 2019
Venue:	Wirral University Teaching Hospital (Arrowe Park), Wirral
Attendance:	20 Delegates
Aimed at:	FY1 (6 months in a surgical training post is a pre-requisite); FY2; ST1/CT1; ST2/CT2.
Course Fee:	£585.00 - Full Course Fee £550.00 - RCSEd Affiliate Member

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

0830 Registration

0900 Introduction

0910 Gowning and Gloving

0940 Handling Instruments

1015 Knots (1) – Reef Knot, Instrument Tie Assessment

1100 Coffee Break

1115 Knots (2) - Surgeons Knots, Tie at Depth Assessment

1200 Suturing - Needle Manipulation and Driving, Interrupted, Sub-Cuticular, Vertical Mattress Assessment

1300 Lunch Break

1345 LA Techniques
Skin Lesions and Sebaceous Cyst

1430 Fine Tissue Handling (1) - Tendon Repair, Assisted

1515 Coffee Break

1530 Wound Management - Abscess Drainage, Debriding a Traumatic Wound

1615 Diathermy (Practical or Seminar)

1700 Question and Answer Session

Course Programme

0830 Registration

0900 Skills Consolidation / OSAT

1000 Abdominal Incision and Closure

1100 Haemostasis, Ligation in Continuity, Pedicle Ligation, Transfixion

1145 **Coffee Break**

1200 End-to-End Bowel Anastomosis - Interrupted, Instrument-Tied Knots

1315 **Lunch Break**

1400 Fine Tissue Handling (2) - Vein Patch Exercise, Assisted

1515 Introduction to Laparoscopic Surgery

1530 Laparoscopic Exercises – Visualisation Tasks, Various Scope Angles, Use of Coaxial Instruments, Manipulation of Non-Coaxial Instruments

1645 Question and Answer Session, Certification

Faculty List

Mr Venkat Srinivasan, MBBS, FRCS Ed, FRCS(ORL)

Course Convenor

Consultant ENT Surgeon

Arrowe Park Hospital, Wirral

Mr Frank Curran, MBChB, FRCS Ed (Birm), FRCS (Eng), MD (Birm)

General Surgeon

The Royal Wolverhampton NHS Trust

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

Retired Consultant Orthopaedic Surgeon

Surgical Tutor – Royal College of Surgeons of Edinburgh

Mr Muthukrishnan Ramakrishnan, MBBS, DOrth, MChOrth (Liverpool), FRCS, FRCS(Tr&Orth)

Consultant Orthopaedic Surgeon

Arrowe Park Hospital, Wirral

Mr Ricky Bhogal, MBChB, MRCS, PhD, FRCS

Consultant General Surgeon

Royal Marsden Hospital, London

Mr Roop Tandon, MBBS, FRCS

Retired Consultant Orthopaedic Surgeon

Tutor – Royal College of Surgeons of Edinburgh

Assisting Tutors

Ms Claire Kilbride, BSc, MSc

Surgical Care Practitioner (Colorectal Surgery)

Wirral University Teaching Hospital, Wirral

Ms Mehreen Khan Bhattani, MBBS, MRCS

Speciality Doctor in Surgery

Royal Oldham Hospital, Oldham

Mr Mustafa Junaid, MRCS

Speciality Registrar in ENT

Arrowe Park Hospital, Wirral

Mr Nisarg Mehta, MRCS

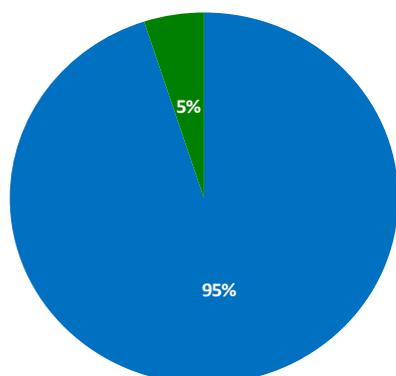
Speciality Registrar in Trauma and Orthopaedics

Arrowe Park Hospital, Wirral

Overall Teaching Feedback

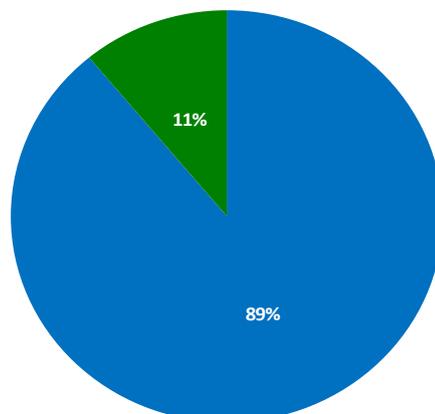
As a result of attending this course, I am better able to:

Explain the principles of good practice in basic surgical skills.



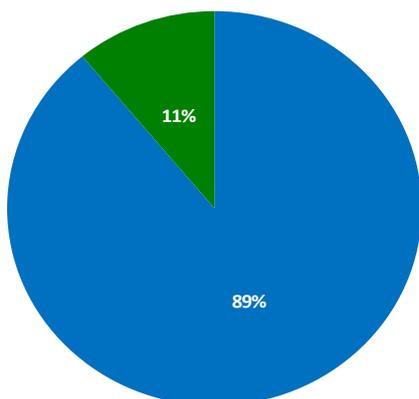
■ Strongly agree
■ Agree
■ Neither agree nor disagree
■ Disagree
■ Strongly disagree

Describe correct handling and use of surgical instruments.



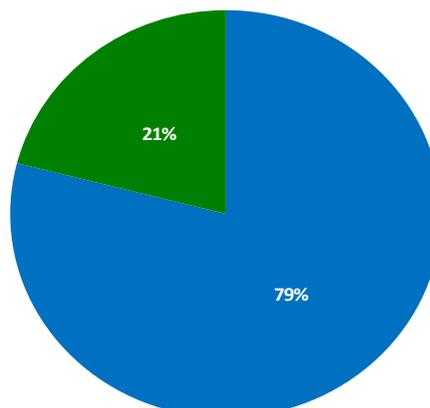
■ Strongly agree
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■ Disagree
■ Strongly disagree

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



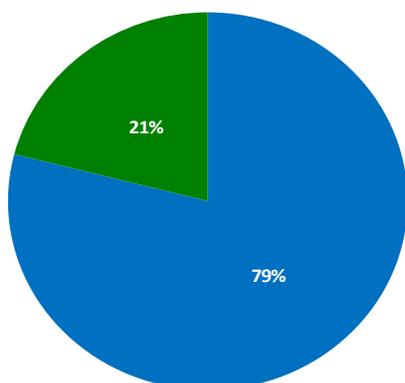
■ Strongly agree
■ Agree
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■ Disagree
■ Strongly disagree

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



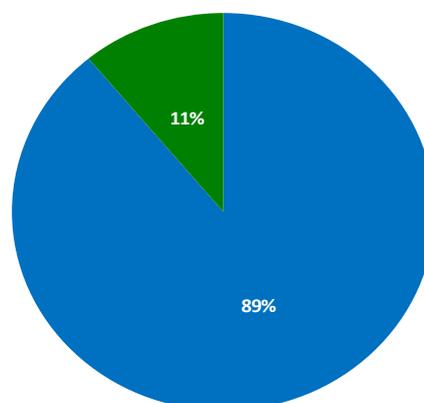
■ Strongly agree
■ Agree
■ Neither agree nor disagree
■ Disagree
■ Strongly disagree

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



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

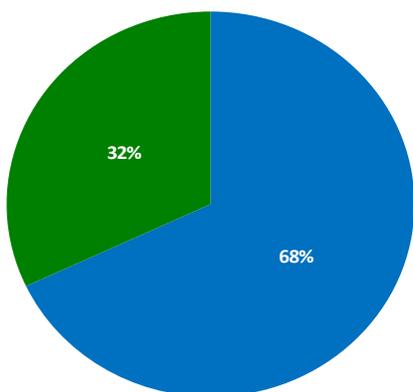
Perform abscess drainage and contaminated wound debridement.



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

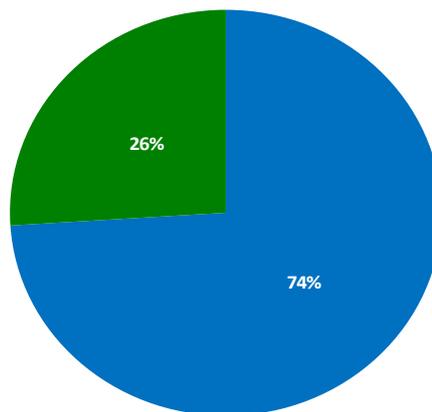
Overall Teaching Feedback

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



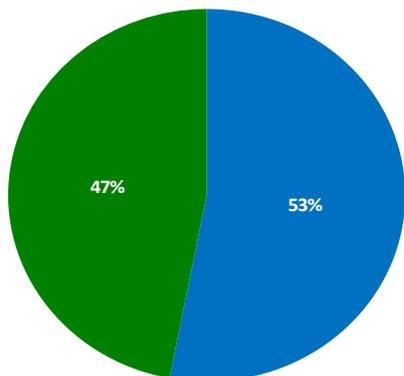
■ Strongly agree ■ Agree
■ Neither agree nor disagree ■ Disagree
■ Strongly disagree

Demonstrate an understanding of basic diathermic technique.



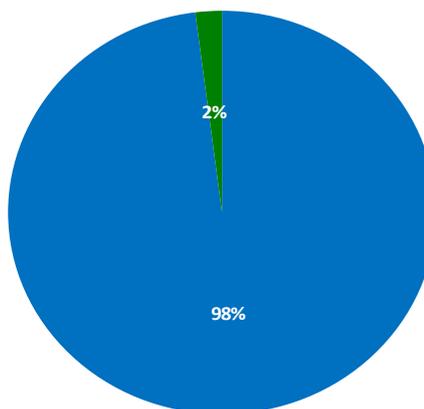
■ Strongly agree ■ Agree
■ Neither agree nor disagree ■ Disagree
■ Strongly disagree

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



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

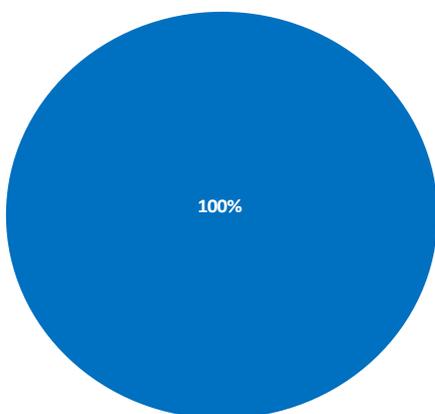
Has attending this course allowed you to improve in any other areas?



■ Yes ■ No

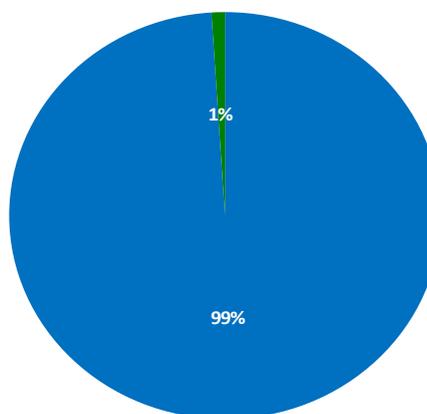
Please rate the different aspects of each session:

Introduction



■ Good ■ Adequate ■ Poor

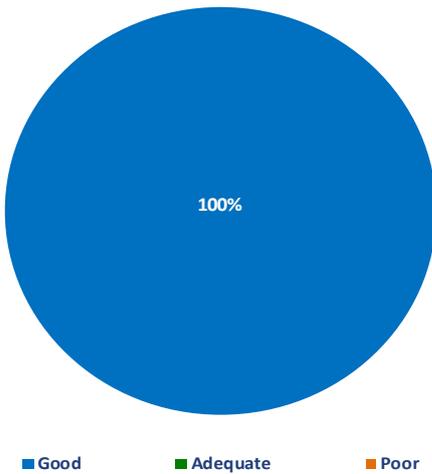
Gowning and Gloving



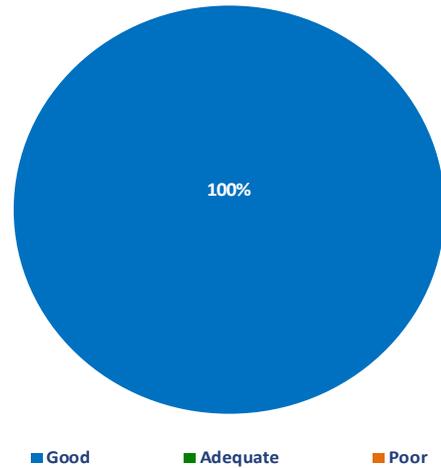
■ Good ■ Adequate ■ Poor

Overall Teaching Feedback

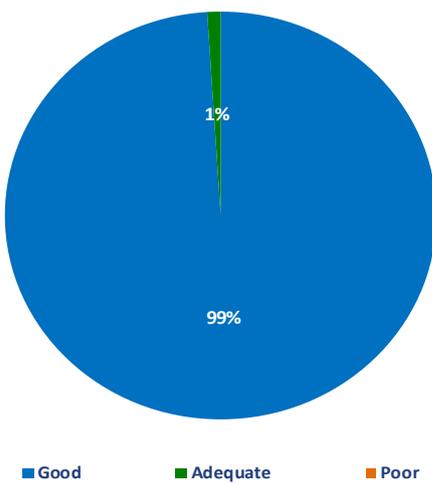
Handling Instruments



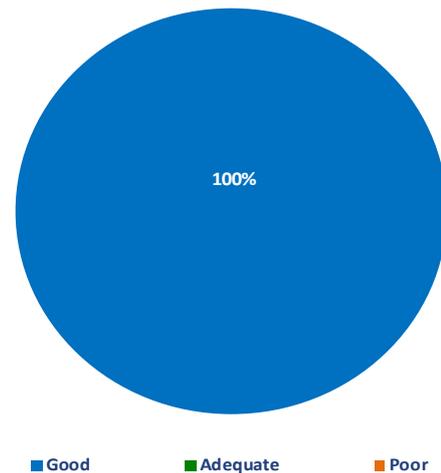
Knots (1) Reef Knot, Instrument Tie



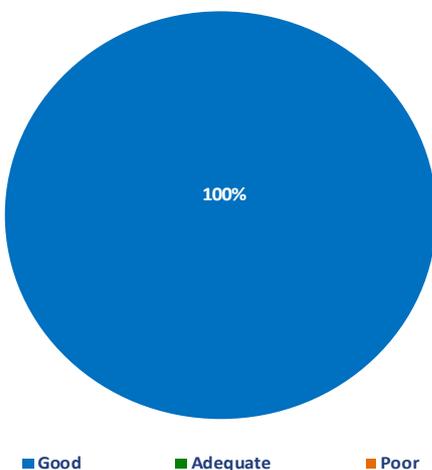
Knots (2) Surgeons Knot, Tie at Depth



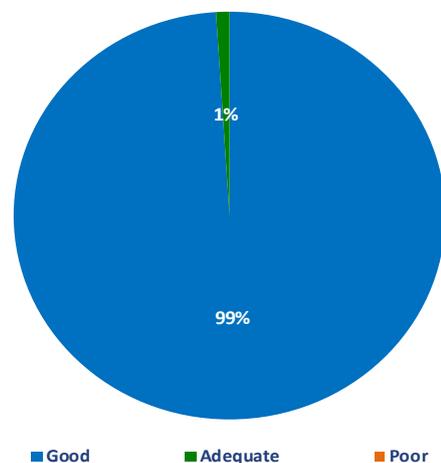
Suturing Needle Manipulation and Driving, Interrupted, Subcuticular, Vertical Mattress



Skin Lesions and LA Techniques - Skin Lesions, Sebaceous Cyst

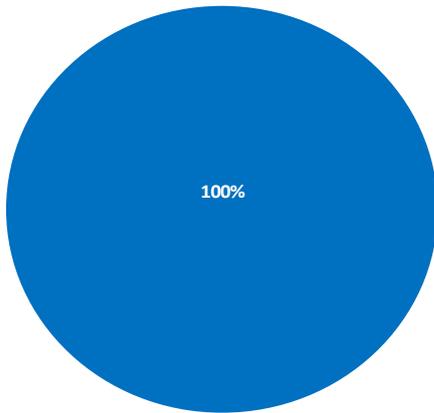


Fine Tissue Handling (1) Tendon Repair, Assisted



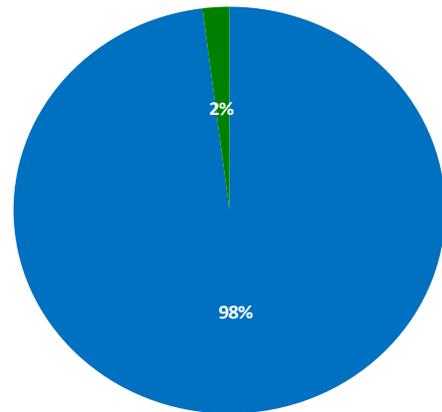
Overall Teaching Feedback

Wound Management - Abscess Drainage, Debriding a Traumatic Wound



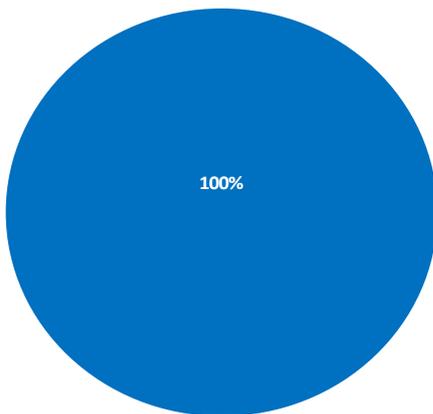
■ Good ■ Adequate ■ Poor

Diathermy (Practical or Seminar)



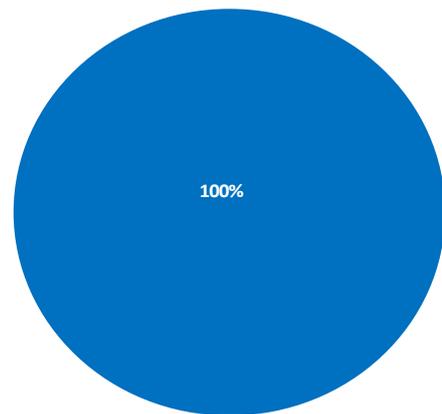
■ Good ■ Adequate ■ Poor

Skills Consolidation/OSAT



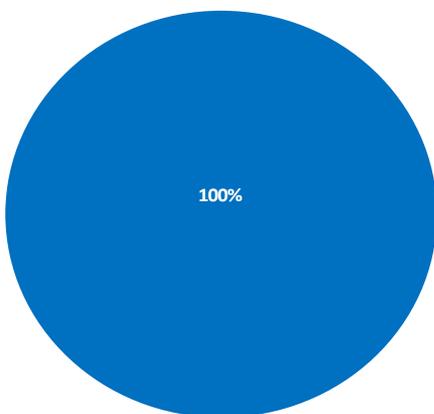
■ Good ■ Adequate ■ Poor

Abdominal Incision and Closure



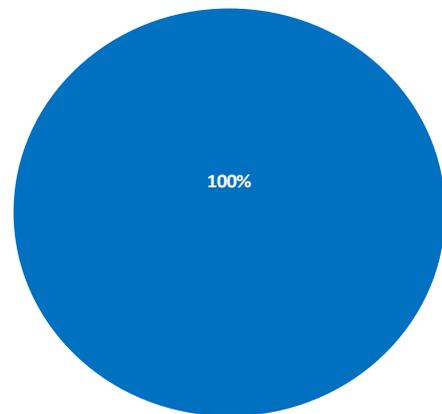
■ Good ■ Adequate ■ Poor

Haemostasis - Ligation in Continuity, Pedicle Ligation, Transfixion



■ Good ■ Adequate ■ Poor

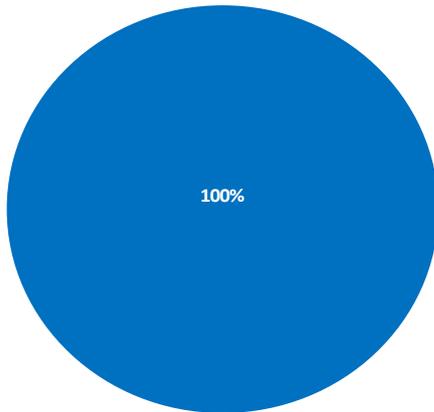
End-to-End Bowel Anastomosis - Interrupted, Instrument-Tied Knots



■ Good ■ Adequate ■ Poor

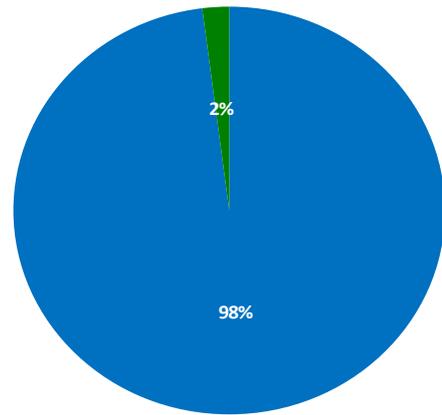
Overall Teaching Feedback

Fine Tissue Handling (2) Vein Patch Exercise, Assisted



■ Good ■ Adequate ■ Poor

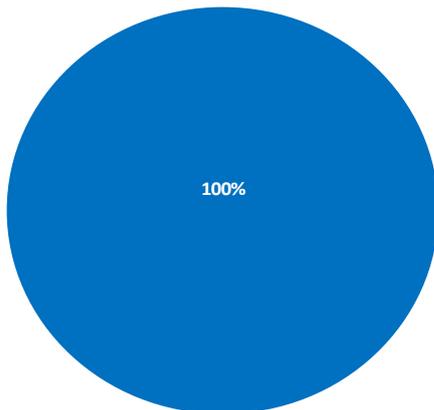
Introduction to Endoscopic Surgery



■ Good ■ Adequate ■ Poor

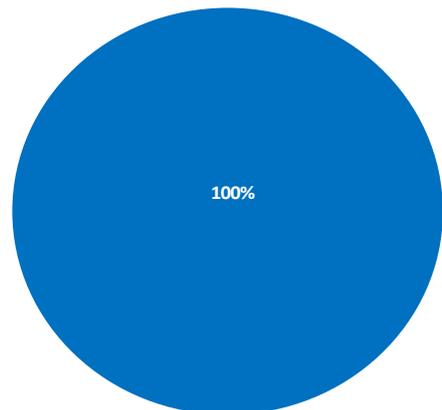
Style of Delivery

Introduction



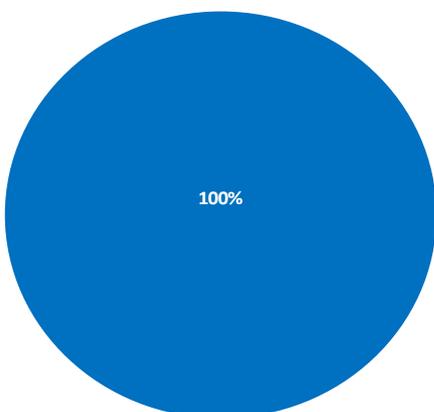
■ Good ■ Adequate ■ Poor

Gowning and Gloving



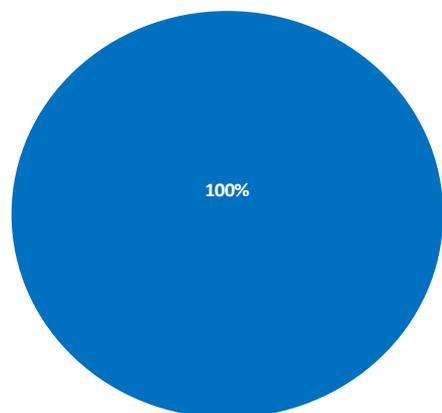
■ Good ■ Adequate ■ Poor

Handling Instruments



■ Good ■ Adequate ■ Poor

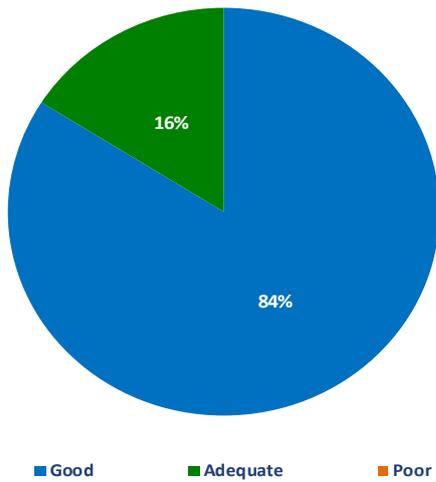
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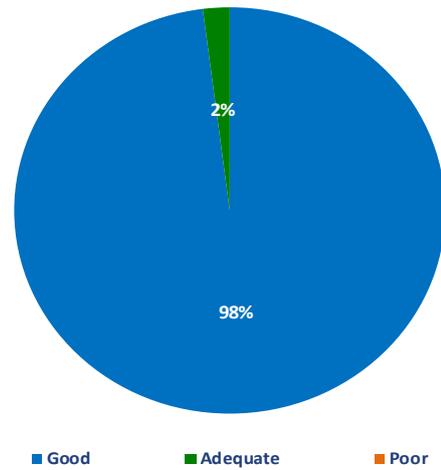
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Overall Teaching Feedback

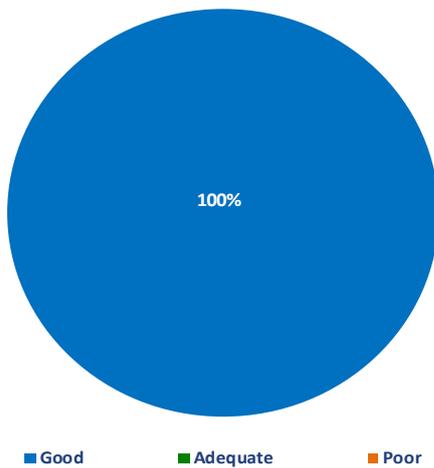
Knots (2) Surgeons Knot, Tie at Depth



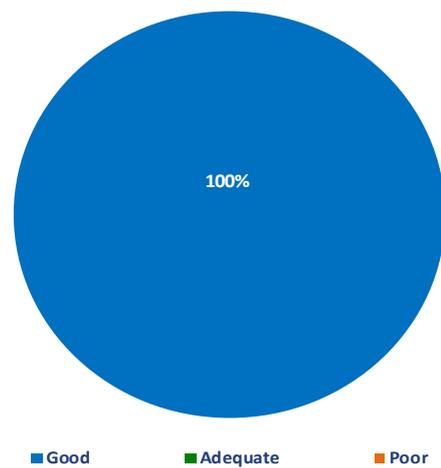
Suturing Needle Manipulation and Driving, Interrupted, Subcuticular, Vertical Mattress



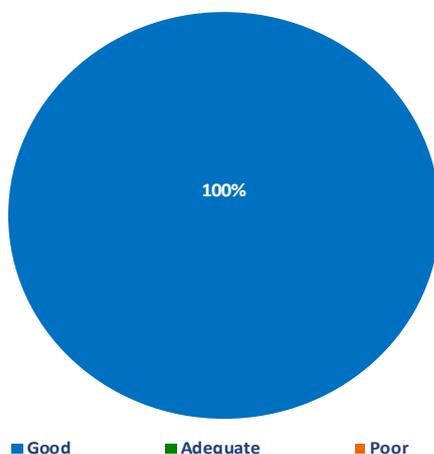
Skin Lesions and LA Techniques - Skin Lesions, Sebaceous Cyst



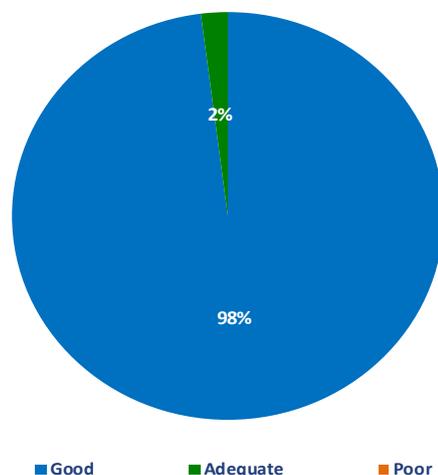
Fine Tissue Handling (1) Tendon Repair, Assisted



Wound Management - Abscess Drainage, Debriding a Traumatic Wound

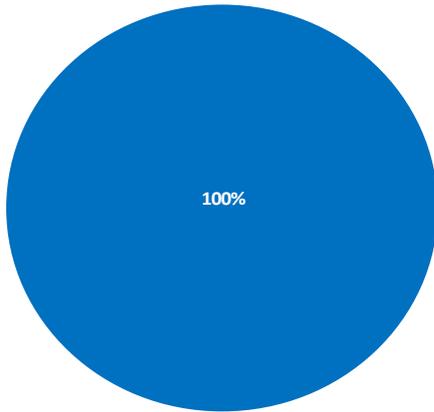


Diathermy (Practical or Seminar)



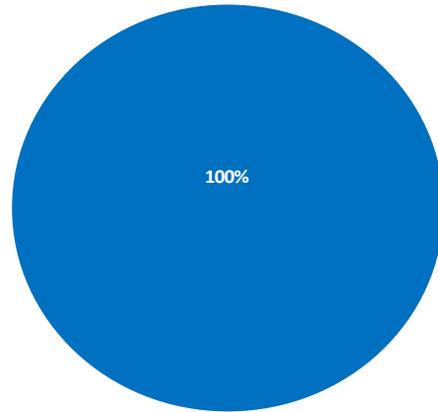
Overall Teaching Feedback

Skills Consolidation/OSAT



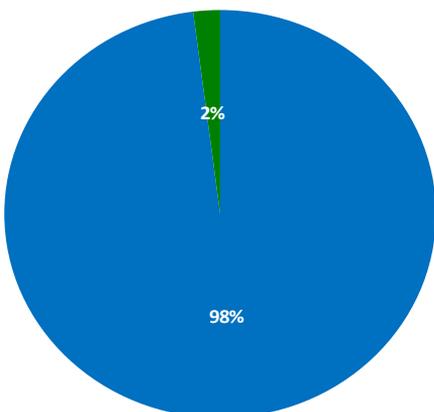
■ Good ■ Adequate ■ Poor

Abdominal Incision and Closure



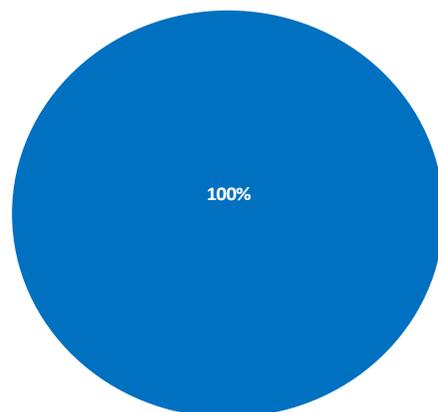
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Haemostasis - Ligation in Continuity, Pedicle Ligation, Transfixion



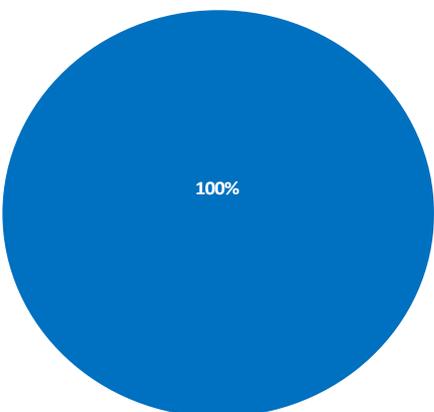
■ Good ■ Adequate ■ Poor

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



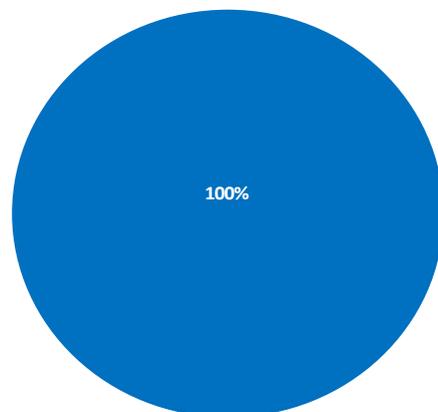
■ Good ■ Adequate ■ Poor

Fine Tissue Handling (2) Vein Patch Exercise, Assisted



■ Good ■ Adequate ■ Poor

Introduction to Endoscopic Surgery

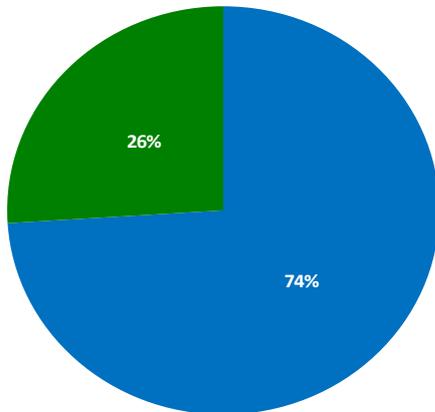


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Overall Teaching Feedback

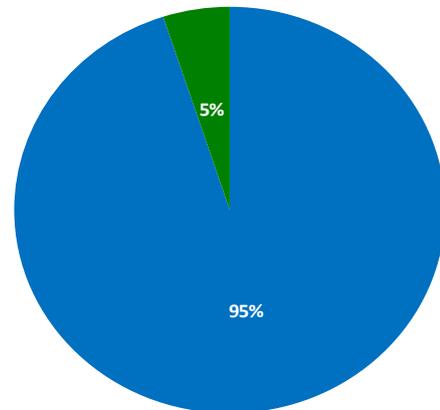
Please provide feedback on your experience with faculty:

The faculty provided constructive feedback.



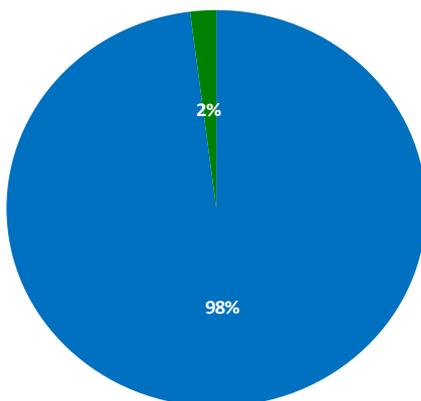
■ Strongly agree
■ Agree
■ Neither agree nor disagree
■ Disagree
■ Strongly disagree

The number of faculty was sufficient to deliver the course.



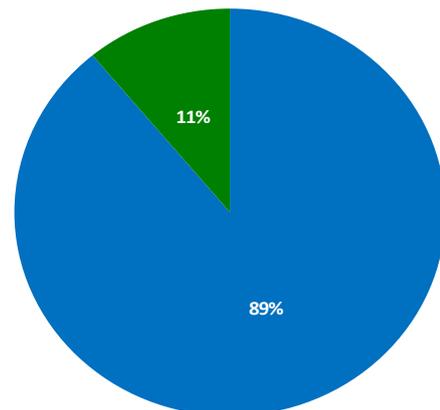
■ Strongly agree
■ Agree
■ Neither agree nor disagree
■ Disagree
■ Strongly disagree

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

- I really enjoyed the course. I hope that it continues to help people in the same way that it helped me.
- I thought that the course content and delivery was fantastic. The pace of the course allowed for a good amount of time to practice the skills to a level that they could be performed confidently.
- Overall, this was an excellent course in which I learnt a lot. I would definitely recommend it to my colleagues.
- This was a really enjoyable course.



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