

Intercollegiate Basic Surgical Skills Course

Feedback - September 2018

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

Course date:	14th & 15th September 2018
Venue:	Wirral University Teaching Hospital (Arrow Park), Wirral
Attendance:	17 Delegates
Aimed at:	FY1 (perquisite - 6 months in a surgical training post), 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 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

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 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 Endoscopic Surgery

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

1645 Question and Answer Session, Certification

Faculty List

Course Convenor

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

Consultant ENT Surgeon
Arrowe Park Hospital, Wirral

Faculty

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

Retired Consultant Orthopaedic Surgeon
Surgical Tutor - Royal College of Surgeons of Edinburgh

Mr Ian Wallace, FRCS

Retired Consultant General Surgeon
Surgical Tutor - Royal College of Surgeons of Edinburgh

Mr Roop Tandon, MBBS, FRCS

Retired Consultant Orthopaedic Surgeon
Tutor - Royal College of Surgeons of Edinburgh

Assisting

Mr Andrew Lau, MRCS

Speciality Registrar in ENT Surgery
Arrowe Park Hospital, Wirral

Mr Ketan Agarwal, MBChB, MRCS

Royal Liverpool and Broadgreen
University Hospitals NHS Trust

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

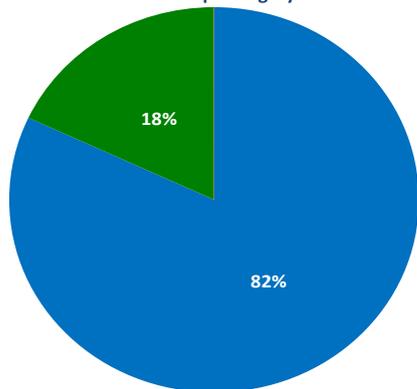
Consultant Orthopaedic Surgeon
Arrowe Park Hospital, Wirral

Mr Wai Phyo, MRCS

Speciality Registrar in ENT Surgery
Arrowe Park Hospital, Wirral

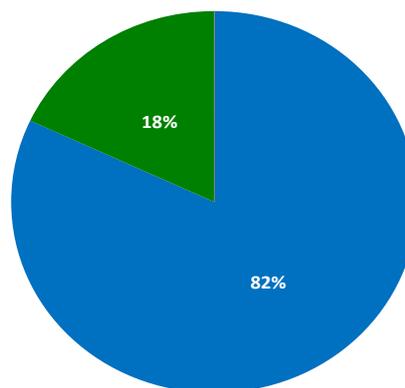
Overall Teaching Feedback

Explain the principles of good practice in theatre etiquette, knot tying, suturing, haemostasis, anastomosis, surgical diathermy and ergonomics for endoscopic surgery



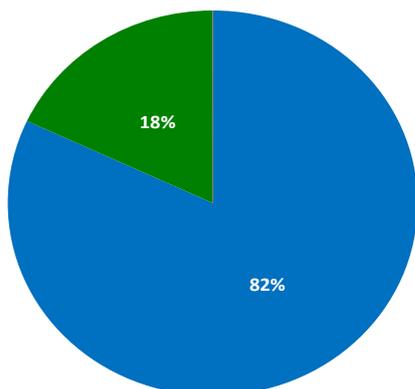
■ Strongly Agree
■ Agree
■ Neither Agree or Disagree
■ Disagree
■ Strongly Disagree
■ Not Answered

Describe correct handling and use of surgical instruments



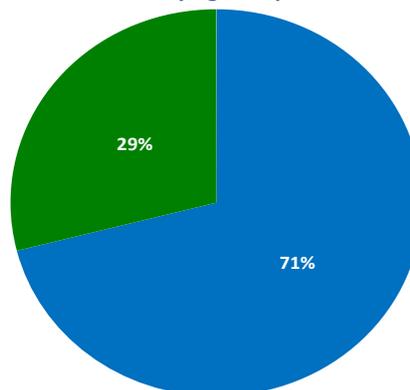
■ Strongly Agree
■ Agree
■ Neither Agree or Disagree
■ Disagree
■ Strongly Disagree
■ Not Answered

Demonstrate an appropriate procedure for 'gowning' and 'gloving' in accordance with recommended standards of practice



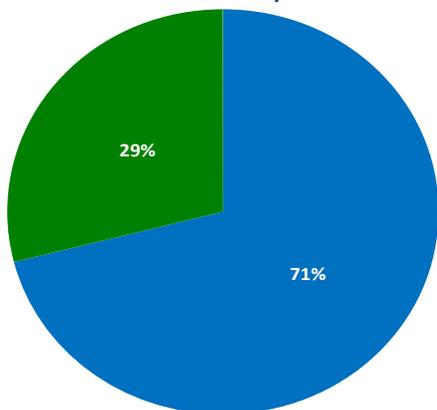
■ Strongly Agree
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■ Neither Agree or Disagree
■ Disagree
■ Strongly Disagree
■ Not Answered

Tie a variety of reliable knots, including surgical reef knots and the Aberdeen knot and tying at depth



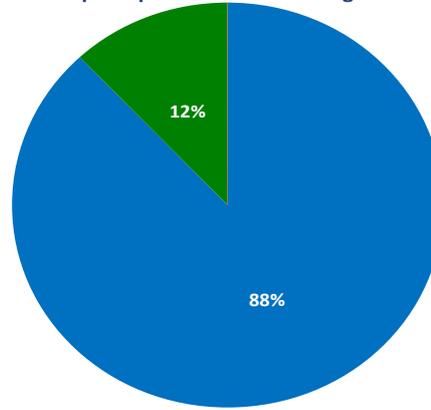
■ Strongly Agree
■ Agree
■ Neither Agree or Disagree
■ Disagree
■ Strongly Disagree
■ Not Answered

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



■ Strongly Agree
■ Agree
■ Neither Agree or Disagree
■ Disagree
■ Strongly Disagree
■ Not Answered

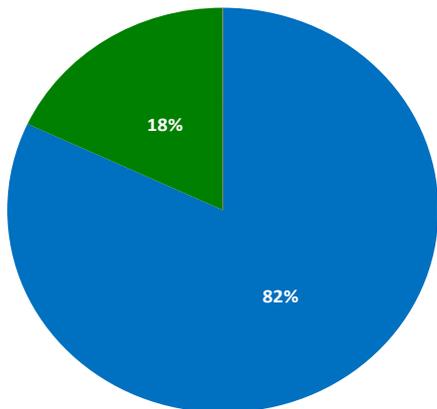
Perform abscess drainage and contaminated wound debridement in accordance with the basic principles of wound management



■ Strongly Agree
■ Agree
■ Neither Agree or Disagree
■ Disagree
■ Strongly Disagree
■ Not Answered

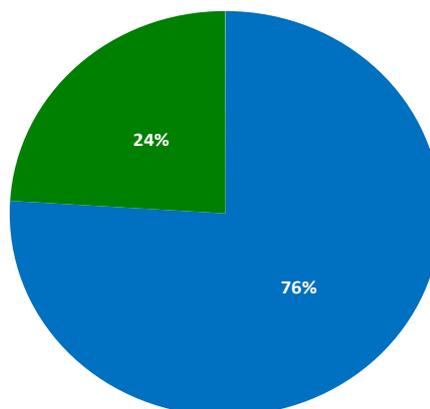
Overall Teaching Feedback

Demonstrate basic techniques for small bowel, vascular and tendon anastomoses



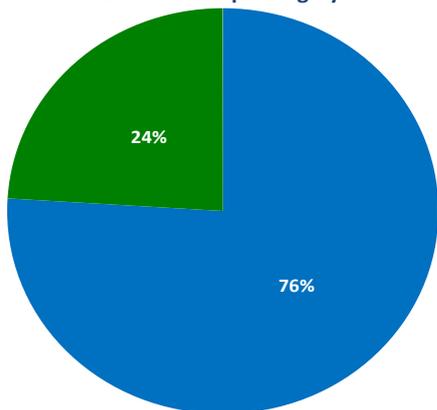
■ Strongly Agree ■ Agree
■ Neither Agree or Disagree ■ Disagree
■ Strongly Disagree ■ Not Answered

Demonstrate an understanding of basic diathermic technique



■ Strongly Agree ■ Agree
■ Neither Agree or Disagree ■ Disagree
■ Strongly Disagree ■ Not Answered

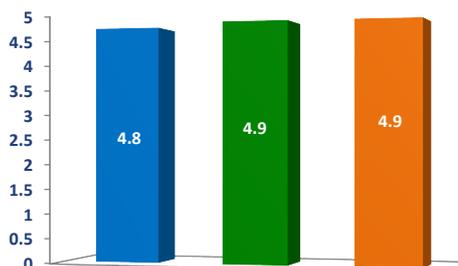
Demonstrate effective management of ergonomic tissue commonly encountered with endoscopic surgery



■ Strongly Agree ■ Agree
■ Neither Agree or Disagree ■ Disagree
■ Strongly Disagree ■ Not Answered

Introduction

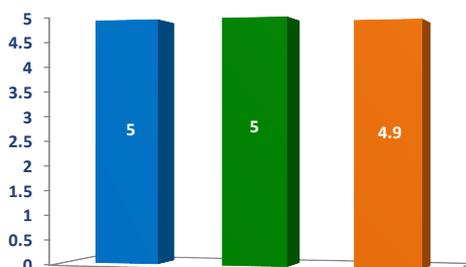
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■ Clarity of information ■ Relevance of session
■ Delivery (materials/style)

Gowning and Gloving

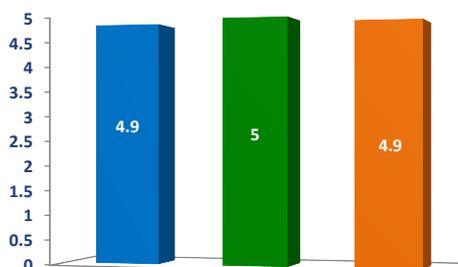
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■ Clarity of information ■ Relevance of session
■ Delivery (materials/style)

Handling Instruments

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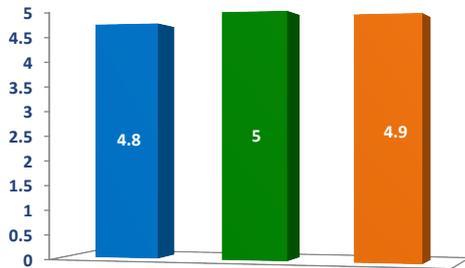


■ Clarity of information ■ Relevance of session
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Overall Teaching Feedback

Knots (1) Reef knot, instrument tie

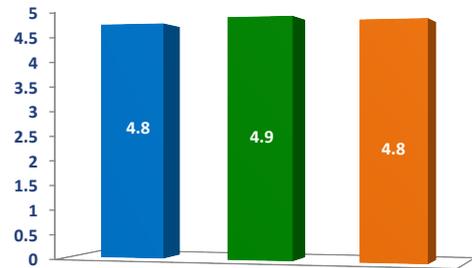
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■ Clarity of information ■ Relevance of session
■ Delivery (materials/style)

Knots (2) Surgeons knot, tie at depth

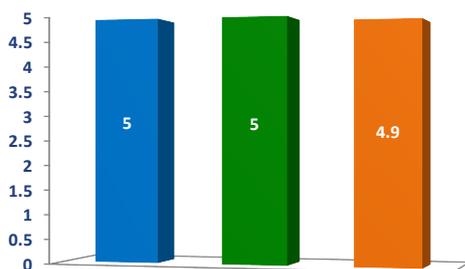
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■ Clarity of information ■ Relevance of session
■ Delivery (materials/style)

Suturing Needle manipulation and driving, interrupted, sub-cuticular, vertical mattress

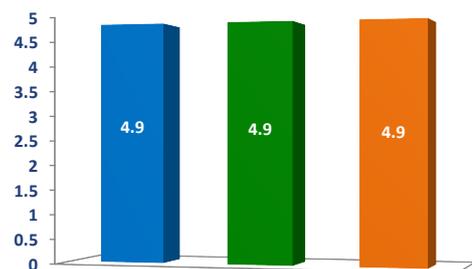
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■ Clarity of information ■ Relevance of session
■ Delivery (materials/style)

Skin lesions and LA techniques - Skin lesions, sebaceous cyst

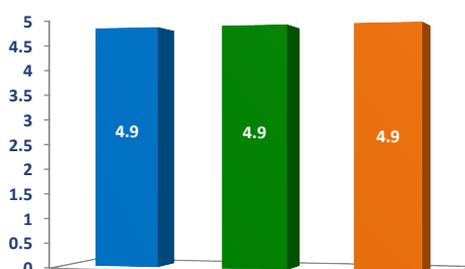
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■ Clarity of information ■ Relevance of session
■ Delivery (materials/style)

Fine tissue handling (1) Tendon repair, assisted

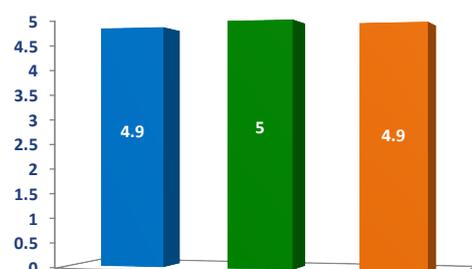
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■ Clarity of information ■ Relevance of session
■ Delivery (materials/style)

Wound management - Abscess drainage, debriding traumatic wound

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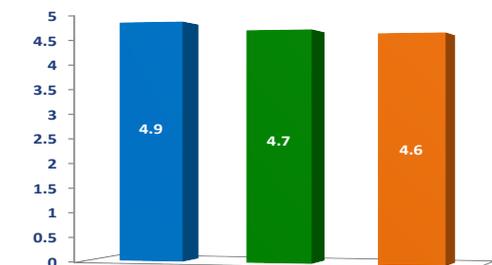


■ Clarity of information ■ Relevance of session
■ Delivery (materials/style)

Overall Teaching Feedback

Diathermy (practical or seminar)

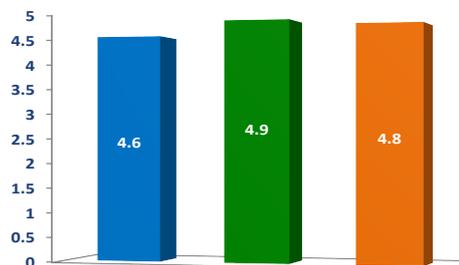
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■ Clarity of information ■ Relevance of session
■ Delivery (materials/style)

Skills consolidation/OSAT

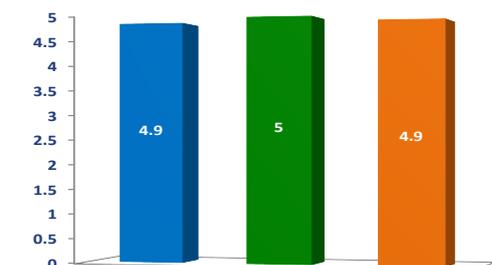
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■ Clarity of information ■ Relevance of session
■ Delivery (materials/style)

Abdominal incision and closure

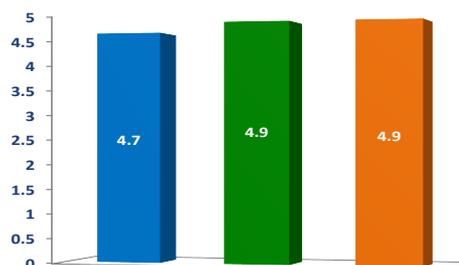
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■ Clarity of information ■ Relevance of session
■ Delivery (materials/style)

Haemostasis - ligation in continuity, pedicle ligation, transfixion

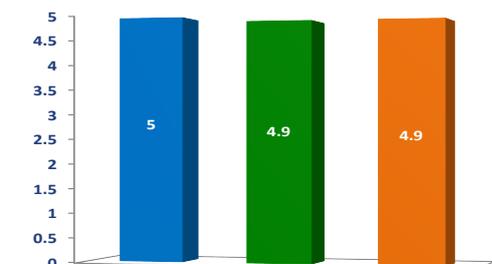
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■ Clarity of information ■ Relevance of session
■ Delivery (materials/style)

End to end bowel anastomosis - interrupted, instrument tied knots

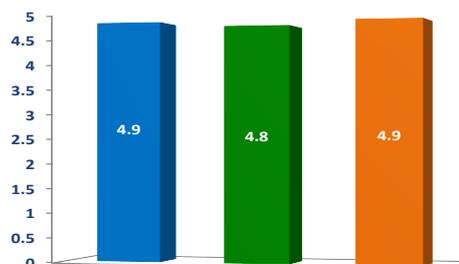
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■ Clarity of information ■ Relevance of session
■ Delivery (materials/style)

Fine tissue handling (2) Vein patch exercise, assisted

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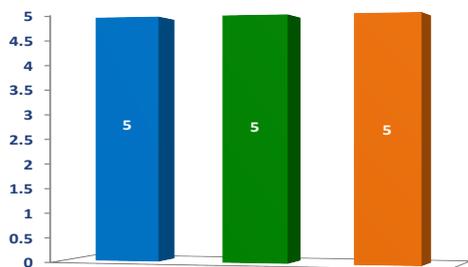


■ Clarity of information ■ Relevance of session
■ Delivery (materials/style)

Overall Teaching Feedback

Introduction to endoscopic surgery

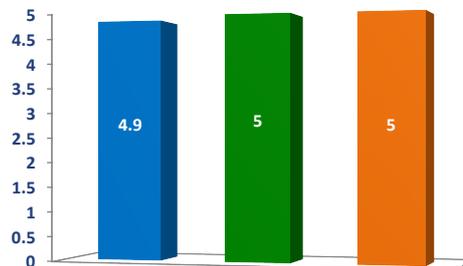
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■ Clarity of information ■ Relevance of session
■ Delivery (materials/style)

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)

Comments

- o Thank you so much!
- o Thank you for your patience!
- o Excellent course, really good for updating or developing/ upgrading basic surgical skills.
- o Excellent teaching and experience, very patient and brilliant teachers.
- o Excellent course. Very valuable learning source. More confident in my suturing, ties etc.
- o Thanks, much appreciated.
- o The instructors were wonderful, approachable, patient and skilled.
- o Overall excellent.



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