



THE ROYAL COLLEGE
OF SURGEONS OF
EDINBURGH

Non-Technical Skills for Surgeons (NOTSS): One Day Masterclass

Feedback - November 2015



Non-Technical Skills for Surgeons (NOTSS): One Day Masterclass

This Royal College of Surgeons of Edinburgh delivered one day Masterclass is aimed at consultant surgeons from all specialties with an interest in training. The course involves short lectures, video scenarios, interactive discussion and the use of an audience feedback system. It will cover the influence of human factors in surgery and the importance of non-technical skills in underpinning good surgical performance. Delegates will learn how these non-technical skills can be observed, rated and used to provide feedback.

Aims & Objectives:

Technical skills are, of themselves, inadequate to ensure optimal outcome following surgery. This course aims to address the non-technical skills that are the essential cognitive and interpersonal aspects of operative surgery underpinning technical actions and optimising and enhancing the performance of individual surgeons and through them, the surgical team.

Learning Outcomes:

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

- Demonstrate an understanding of the relevance of non-technical skills and error management to surgical performance.
- Observe and discuss examples of good and poor behaviours in the operating theatre.
- Use taxonomy of non-technical skills.
- Rate behaviours using the NOTSS rating scale.
- Provide structured feedback to trainees/other consultant surgeons based on observations.
- Discuss how non-technical failures can lead to poor clinical outcomes.

Course Information

Course date:	27th November 2015
Venue:	The Wolfson Molecular Imaging Centre, University of Manchester Manchester, UK
Attendance:	14 Delegates
Aimed at:	Consultant/Professor, Associate Specialist, Post CCT Registrar/Fellow, Speciality Registrar 8, Speciality Registrar 7.
Course fee:	£175.00

Course Programme

0800 Coffee and registration

0830 Welcome, Aims of course, Faculty
Introduction, adverse events in surgery
Exercise
Introduction to the NOTSS system
Situation awareness
Exercise

1030 Coffee Break

1100 Decision Making
Exercise
Rating cognitive skills and discussion
Influence of stress and fatigue on cognitive skills

1230 Lunch Break

1315 Communication and Teamwork
Exercise
Leadership
Exercise

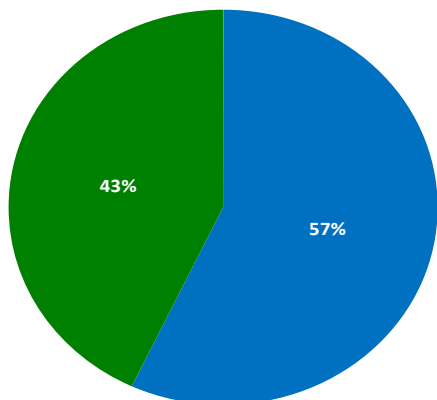
1500 Tea Break

1530 Full assessment of scenario
Discussion
NOTSS de-briefing
Course round-up

1630 Finish

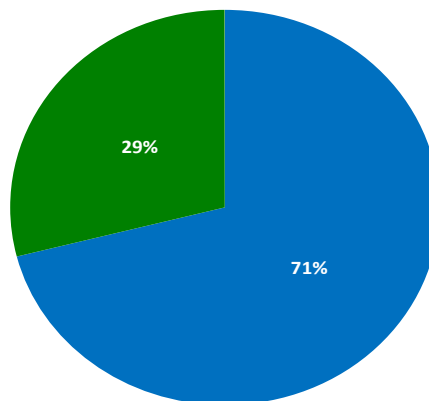
Overall Teaching Feedback

As a result of attending this course, I have improved in my ability to: Demonstrate an understanding of the relevance of non-technical skills and error management to surgical performance



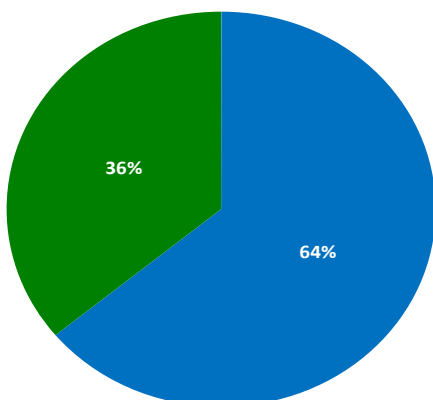
■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree

As a result of attending this course, I have improved in my ability to: Observe and discuss examples of good and poor behaviours in the operating theatre



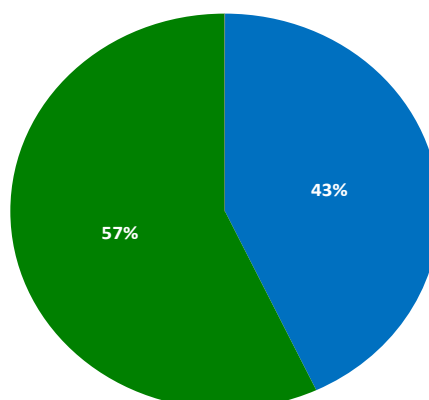
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As a result of attending this course, I have improved in my ability to: Use a taxonomy of non-technical skills



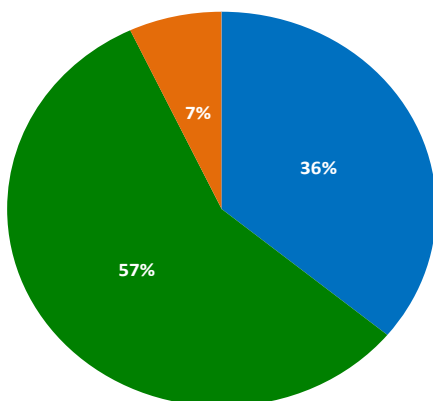
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As a result of attending this course, I have improved in my ability to: Rate behaviours using the NOTSS rating scale



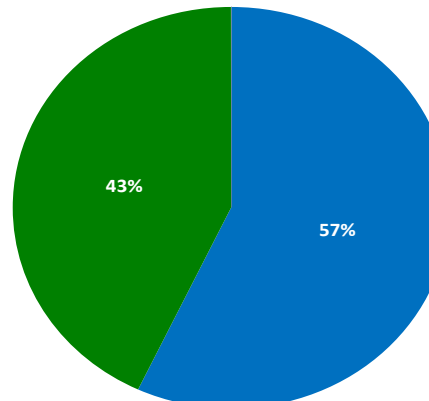
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As a result of attending this course, I have improved in my ability to: Provide structured feedback to trainees/other consultant surgeons based on observations



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

As a result of attending this course, I have improved in my ability to: Discuss how non-technical failures can lead to poor clinical outcomes

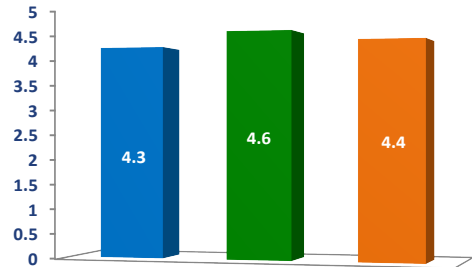


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Overall Teaching Feedback

Introduction and Aims of Masterclass

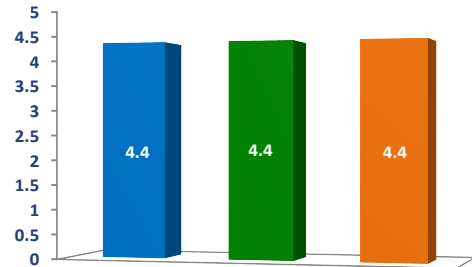
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■ Clarity of information ■ Relevance of session ■ Delivery (materials/style)

Adverse Events in Surgery

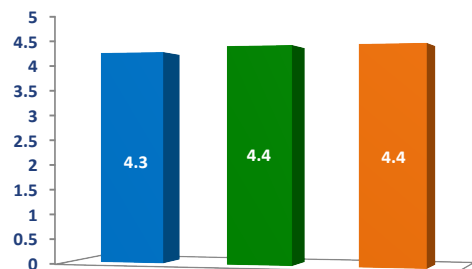
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Scenario - Observing Behaviours in the Operating Theatre

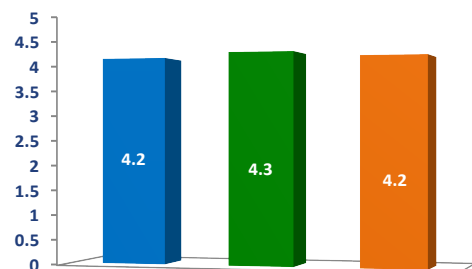
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Introduction to the NOTSS System

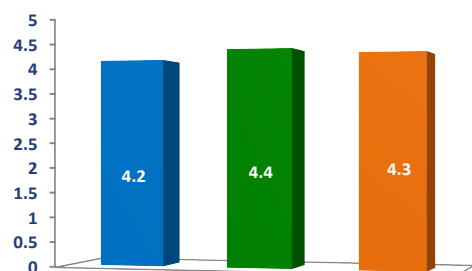
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Situation Awareness

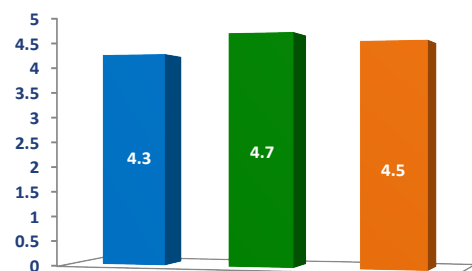
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SA Exercise

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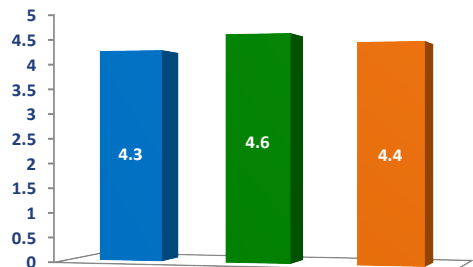


■ Clarity of information ■ Relevance of session ■ Delivery (materials/style)

Overall Teaching Feedback

Decision Making

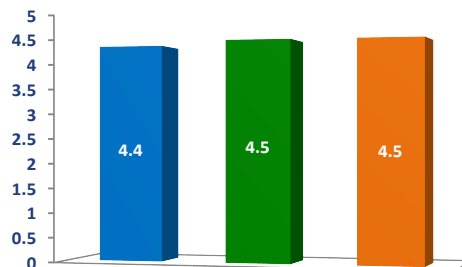
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DM Exercise

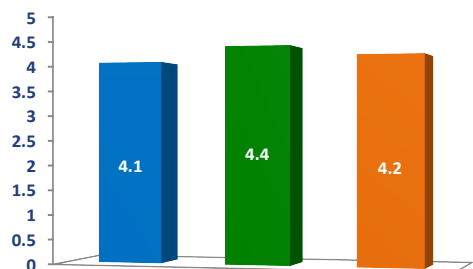
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Effects of Stress and Fatigue

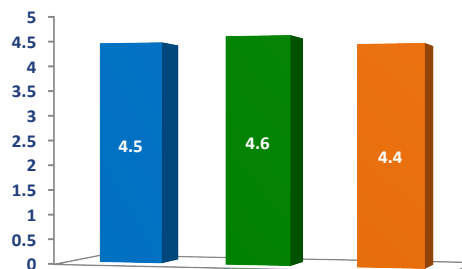
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Communication & Teamwork

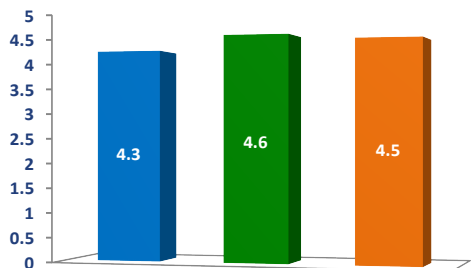
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C&T Exercise

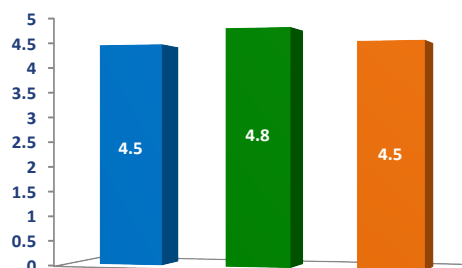
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Leadership

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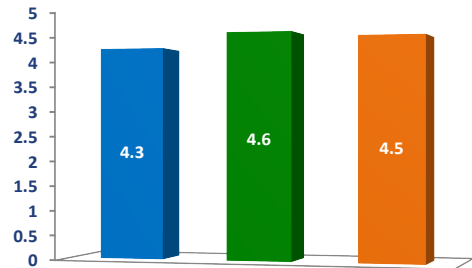


■ Clarity of information ■ Relevance of session ■ Delivery (materials/style)

Overall Teaching Feedback

Exercise

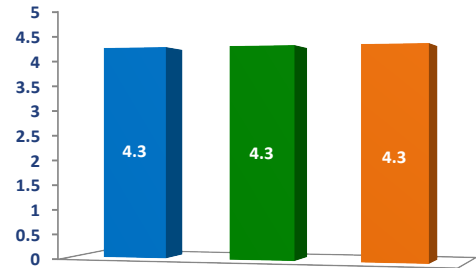
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Using NOTSS in the Operating Theatre to Observe, Rate and Debrief

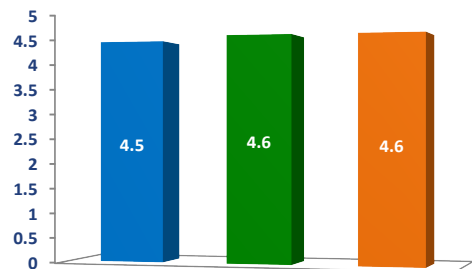
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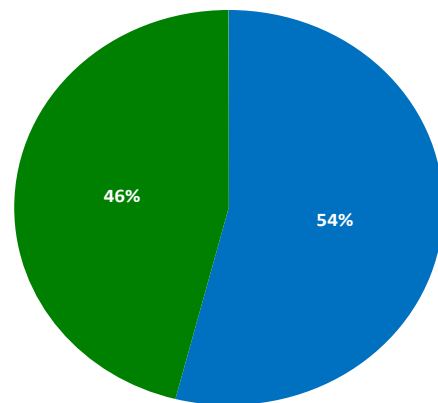
Bringing it all Together

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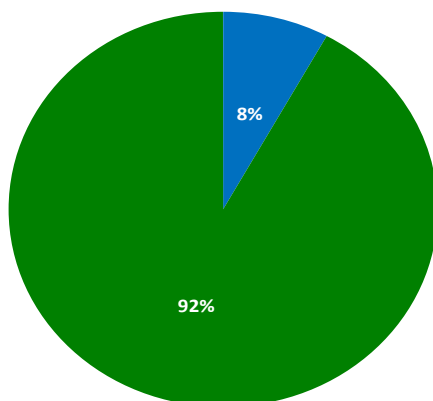
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I am a Member/Fellow of RCSEd?



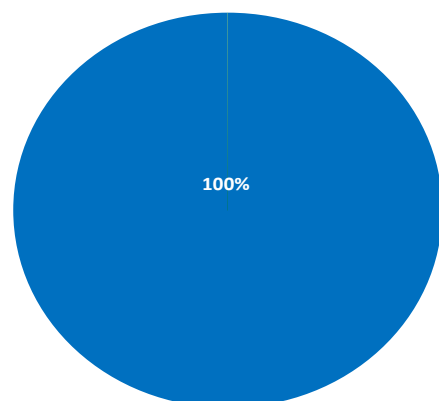
■ Yes ■ No

I am an Affiliate Member of RCSEd?



■ Yes ■ No

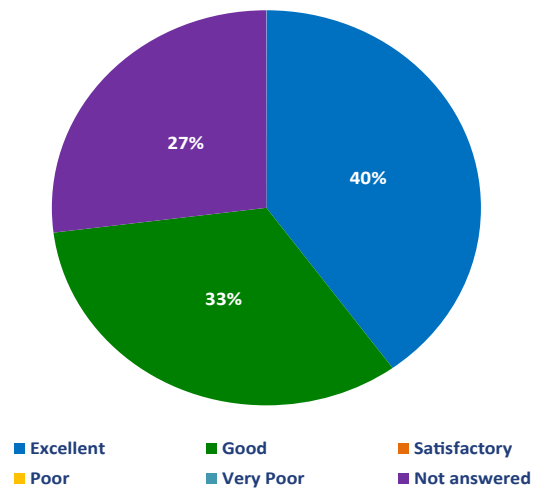
Would you recommend this course to a friend / colleague?



■ Yes ■ No

Overall Teaching Feedback

Overall rating of the course





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