



ICOSET
25

TRIENNIAL and ICOSET CONFERENCE '25

A WORLD of INNOVATION

DRIVING SURGICAL EDUCATION
and PATIENT CARE FORWARD

4-6 June 2025
The Royal College of
Surgeons of Edinburgh

rcsed.ac.uk

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TRIENNIAL and ICOSET Welcome

It is my immense pleasure to welcome everyone to the 2025 ICOSET / Triennial meeting. It seems no time since we last hosted this meeting in Edinburgh three years ago.

I am extremely grateful to Professor Alex Phillips, Chair of the RCSEd Faculty of Surgical Trainers, and Ms Anna Paisley, RCSEd Member of Council and Chair of the ICOSET/Triennial Steering Committee who have put together an outstanding programme on the theme of Innovation.

The event will feature lectures, debates, workshops and short oral presentations with a truly global International Faculty. The programme will blend topics such as Innovation in Surgical Education & Training, Innovations in Technology and Innovations in Clinical Service Delivery. I am indebted to those in the RCSEd Faculty of Surgical Trainers and our international partners from ICOSET, as well as all those involved in the Steering Committee who have designed and pulled together such an exciting schedule.

We had more abstracts submitted than any previous meeting and have selected the very best for oral and poster presentation. Also included are a number of prestigious eponymous lectures and awards. For the first time, we will be live streaming to delegates internationally and over the course of the conference will welcome more than 350 delegates and contributors.

I trust you will enjoy the conference and all the social activities including a traditional Scottish ceilidh. Hopefully, you will also have some time to explore the wonderful historic city of Edinburgh and the rich heritage of the Royal College of Surgeons of Edinburgh. Welcome to Scotland and enjoy the meeting.

Professor Rowan Parks
President, Royal College of Surgeons of Edinburgh

TRIENNIAL and ICOSET

Welcome

As Chair of the ICOSET/Triennial Steering Group, it gives me enormous pleasure to welcome you to the Royal College of Surgeons of Edinburgh for this Triennial meeting. We are delighted to be again joining with ICOSET to bring you a diverse, international programme.

The Triennial Conference is the highlight of the college calendar and takes place towards the end of every President's term of office. This is a time to celebrate the College and its membership in an environment of learning, collaboration and friendliness.

This year's theme: 'A World of Innovation', is aimed at driving surgical education, training and clinical care forward in the 21st century. I hope that you will find this carefully curated programme interesting and inspiring, whatever the stage of your surgical career. We will all have the opportunity to connect with colleagues, forge new friendships and get to know fellow educators, surgical teams and members of the wider RCSEd family. Our social programme, including Wednesday night's traditional Ceilidh, offers a sample of famed Scottish hospitality. Thank you for attending and please enjoy the legendary welcome of Edinburgh, Scotland – and the friendliest college of surgeons in the world!

Anna Paisley,
RCSEd Council Member and Triennial Steering Committee Chair

TRIENNIAL and ICOSET

Welcome

It is with great pleasure that we welcome you to the International Conference on Surgical Education and Training (ICOSET), held here in the historic city of Edinburgh in conjunction with the Royal College of Surgeons of Edinburgh's Triennial Meeting. This marks the third consecutive time that ICOSET has partnered with the Royal College of Surgeons and the Faculty of Surgical Trainers, and builds upon the tremendous success of our previous collaborations. This proven partnership creates an exceptional opportunity for surgical educators, trainers, and trainees from across the globe to share knowledge, innovation, and best practices that will shape the future of our profession.

Surgical education stands at a transformative crossroads. The rapid evolution of technology, changing healthcare landscapes, and emerging surgical techniques demand that we continuously reimagine how we prepare the next generation of surgeons. From simulation-based learning and competency-based assessment to mentorship models and global surgical capacity building, the challenges we face require collaborative solutions that transcend institutional and national boundaries.

The Faculty of Surgical Trainers has long championed excellence in surgical education, recognizing that outstanding patient care begins with outstanding training. This conference represents our collective commitment to advancing educational standards, fostering innovation in training methodologies, and ensuring that surgical education remains responsive to the evolving needs of healthcare systems worldwide.

Edinburgh has, of late, become home for these important gatherings, and the Royal College of Surgeons of Edinburgh's continued hosting has been instrumental in creating a forum where tradition meets innovation. The success of our previous meetings here has demonstrated the power of bringing together diverse perspectives in surgical education within this inspiring setting.

Over the coming days, you will engage with cutting-edge research, participate in thought-provoking discussions and debate, and forge connections that will enhance surgical education in your own institutions and regions. We encourage you to share your experiences, challenge conventional thinking, and collaborate on solutions that will benefit surgical trainees and, ultimately, the patients they will serve.

I extend my thanks to our speakers, contributors and attendees for their input these coming days and particularly the Faculty of Surgical Trainers executive for all their support and help in the organisation. Thank you for your participation in this exciting meeting.

Alex Phillips,

Director of the Faculty of Surgical Trainers

On behalf of the ICOSET Organizing Committee and the Faculty of Surgical Trainers

The Details

CPD

17.5 Points

Audience

This event is open to all surgical and dental disciplines and is aimed at all members of the surgical and dental multi-disciplinary team.

Level/Grade

From medical student through to Consultant/ Attending. Also aimed at the broad multi-disciplinary surgical and dental team.

Venue

The Royal College of Surgeons of Edinburgh
Nicolson Street, Edinburgh EH8 9DW

Hotel

Ten Hill Place, 10 Hill Pl, Edinburgh EH8 9DS

Event Learning Objectives

Evaluate the impact of innovative technologies and low-cost solutions on global surgical education and training outcomes.	Explore collaborative approaches to surgical education that foster partnerships and improve training worldwide.
Assess various methods of innovation in surgical assessment, including mobile assessment tools and competency-based advancement.	Examine strategies for enhancing resilience and preventing burnout in modern surgical practice while promoting effective teamwork and collaboration.
Explore innovations in improving surgical performance, learning from elite sport and other disciplines.	Highlight the principles of good leadership and teamworking in austere environments.
Provide strategies for introducing mentorship programmes into surgical and dental practice.	Explore concepts of innovation in medical device development, from idea to concept to prototype.
Illustrate how good teamwork can improve patient safety.	Examine how best to look after the wellbeing of clinical teams, especially in the context of surgical mistakes.
Raise awareness of the evolution of innovation at the RCSEd, focusing on how lessons learnt from the past can help inform future surgical progress.	Identify novel strategies for innovations in surgical care delivery.
Discuss recent innovations in trauma care delivery.	Learn how surgical care innovations impact on individual patients.

Pricing



1 Day

Pre-MRCS: £75

RCSEd Member – Consultant: £235

RCSEd Member – SAS/Trainees/Allied Health Professionals: £185

Non-member – Consultant: £265

Non-member – SAS/Trainees/Allied Health Professionals: £210

3 Days

Pre-MRCS: £150

RCSEd Member – Consultant: £470

RCSEd Member – SAS/Trainees/Allied Health Professionals: £365

Non-member – Consultant: £525

Non-member – SAS/Trainees/Allied Health Professionals: £420

Book your place [HERE](#).

Programme Schedule

Wednesday 4 June

8:15 - 9:00am Quincentenary Reception	REGISTRATION AND COFFEE
9:00 - 9:10am Wolfson Hall	WELCOME ADDRESS <ul style="list-style-type: none">• Professor Rowan Parks, President, The Royal College of Surgeons of Edinburgh• Professor Alexander Phillips, Director, Faculty of Surgical Trainers RCSEd
9:10 - 10:00am Wolfson Hall	ICOSET Opening Debate: SURGICAL EDUCATION IN THE DIGITAL AGE: CREATING BETTER OPERATORS Chair: Professor Alexander Phillips <ul style="list-style-type: none">• Proposing: Professor Douglas S. Smink, Professor of Surgery, Harvard Medical School, Brigham and Women's Hospital vs <ul style="list-style-type: none">• Opposing: Ms Shireen McKenzie, Consultant Oncoplastic Breast Surgeon
10:00 - 10:25am Wolfson Hall	KEYNOTE: THE WICKED PROBLEM OF SURGICAL EDUCATION Chair: Professor Alexander Phillips <ul style="list-style-type: none">• Professor Jennifer Cleland, RCSEd Wade Professor of Surgical Education and Research
10:25 - 10:55am Quincentenary Reception	NETWORKING AND EXHIBITIONS
11:00am - 12:10pm Wolfson Hall	SESSION ONE: GLOBAL INNOVATION IN SURGICAL EDUCATION - THE INNOVATIVE CURRICULUM Chairs: Mr James Tomlinson & Professor Paul Lai Educating Trainees Ethically in an age of Innovation <ul style="list-style-type: none">• Professor Alberto R Ferreres, Professor of Surgery Associate Director Education & Research, University of Buenos Aires An Expanding Quilt—International Surgical Education Curricula and the Opportunity for Collaboration <ul style="list-style-type: none">• Dr Amit R. T. Joshi, Professor of Surgery, Associate Dean for Graduate Medical Education From Simulation to Surgery: Personalising Virtual Reality Training for Optimal OR Performance <ul style="list-style-type: none">• Professor Danny Goel, Clinical Professor & CEO—PrecisionOS
12:15 - 1:15pm Wolfson Hall	SESSION TWO: SURGICAL INNOVATION: CATALYST OR CONSTRAINT IN TRAINING THE NEXT GENERATION Chairs: Mr Stephen Jones & Professor April Roslani The Trainee Experience of Navigating Innovation: Challenges and Opportunities <ul style="list-style-type: none">• Ms Katie Hurst, Immediate Past RCSEd Trainee Committee Chair and Council Member The Trainee as an Innovator: How Trainees have Shaped the Future <ul style="list-style-type: none">• Ms Emma Howie, Surgical Sabermetrics Lab, Usher institute, University of Edinburgh Implementation of EPAs in US General Surgery Programmes: a Story of Successful Innovation <ul style="list-style-type: none">• Dr Karen Brasel, Vice President, American Board of Surgery Innovation – You say Tomato, I say Tomato <ul style="list-style-type: none">• Mr James Tomlinson, Consultant Spinal Surgeon/Associate Medical Director (Education), Sheffield Teaching Hospitals
1:15pm - 2:00pm Quincentenary Reception	LUNCH/POSTER REVIEW/EXHIBITION

Programme Schedule Cont.

Wednesday 4 June

2:00 - 3:30pm
Breakouts

SESSION THREE - PARALLEL SESSIONS

WORKSHOP 1: THE WHY AND WHAT OF QUALITATIVE RESEARCH IN SURGICAL EDUCATION - **DEACON SUITE**

- Professor Jennifer Cleland, RCSEd Wade Professor of Surgical Education and Research
- Professor Kenneth Walker, RCSEd Professor of Innovation in Surgical Education

WORKSHOP 2: MOBILE ASSESSMENT/INNOVATION IN ASSESSING - **PLAYFAIR HALL**

- Dr Karen Brasel, Vice President, American Board of Surgery

WORKSHOP 3: INNOVATIVE WAYS TO IMPROVE TRAINING - **GB ONG**

- Ms Lisa Hadfield-Law, Surgical Educationalist
- Mr James Tomlinson, Consultant Spinal Surgeon/Associate Medical Director (Education), Sheffield Teaching Hospitals

WORKSHOP 4: SURGICAL SABERMETRICS AND THE FUTURE OF NON-TECHNICAL SKILLS TRAINING - **SYMPOSIUM HALL**

- Prof. Steven Yule, Chair of Behavioural Sciences, University of Edinburgh
- Mr. Lachlan Dick, Medical Education Fellow, NHS Lothian and PhD Candidate, University of Edinburgh
- Ms. Emma Howie, Clinical Research Fellow and PhD Candidate, University of Edinburgh
- Mr. Joe Norton, Clinical Research Fellow and PhD Candidate, University of Edinburgh
- Mr. Calum Arthur, Senior Lecturer in Surgical Performance, University of Edinburgh
- Dr. Roger Dias, Associate Professor of Emergency Medicine, Harvard Medical School
- Prof. Douglas Smink, Professor of Surgery, Harvard Medical School
- Mr Connor Boyle, Clinical Research Fellow and MD Candidate, University of Edinburgh

WORKSHOP 5: BBASS - DECONSTRUCTING SUTURING - **SKILLS LAB**

- Professor David O'Regan, Professor, Medical Education Research and Development Unit, Faculty of Medicine, University of Malaya
- Mr John Taylor, Consultant Trauma and Emergency Surgeon
- Professor Christopher Caddy, Plastic, Reconstructive & Aesthetic Surgeon

3:30 - 4:00pm
Quincentenary
Reception

NETWORKING AND EXHIBITIONS

4:00 - 5:00pm
Wolfson Hall

Session Four - BALANCING HUMANITY AND AI: THE FUTURE OF TRAINING

Chair: Miss Shireen McKenzie & Professor Laura Drudi

AI- Enabled Surgical Education- Re-modelling Surgical Education for the Future

- Professor Paul BS Lai
- **The Parts of Surgical Training Where There's no Substitute for Humanity**
- Professor Kenneth Walker, RCSEd Professor of Innovation in Surgical Education

7:15pm - 11:30pm
Deacon Suite

BUFFET DINNER AND CEILIDH

[Book your Ceilidh ticket here](#)

Programme Schedule Cont.

Thursday 5 June

8:15 - 9:00am

Quincentenary
Reception

REGISTRATION AND COFFEE

9:00 - 10:35am

Wolfson Hall

SESSION FIVE - INNOVATION IN PERFORMANCE: WHAT WE CAN LEARN FROM ELITE SPORT

Chair: Mr Iain Murray, Medical Advisory Board: DP World Tour Golf

Simple but Not Easy – What can Maximise Health for Athletes, Health Professionals and Patients

- Professor Andrew Murray, Group Chief Medical and Scientific Officer – European Tour Golf, Sport and Exercise University of Edinburgh.

Mental Health in Performance of Athletes and Doctors: Lessons from F1 and Paris Olympics

- Dr Carrie McCrea, Mercedes Benz Formula 1 Team

Getting to Grips With Our Fingers – Understanding How Hand Health Can Influence Athletic Success

- Mr Doug Campbell, Education Lead, Trauma and Orthopaedic Surgical Specialties Board, RCSEd

10:35 - 11:05am

Quincentenary
Reception

NETWORKING AND EXHIBITIONS

11:05am -

1:00pm

TRAINEE ORAL PRESENTATIONS

ICOSET Oral Presentations Session – [Symposium Hall](#)

Chairs: Professor Doug Smink & Professor Alexander Phillips

Triennial Oral Presentation Session – [Wolfson Hall](#)

Chairs: Dr Clare McNaught & Professor Tim Graham, RCSEd Vice Presidents

1.00 - 1:45pm

Quincentenary
Reception

LUNCH/MUSEUM TOUR/POSTER REVIEW/EXHIBITION

Programme Schedule Cont.

Thursday 5 June

1:45 - 3:15pm

Breakouts

SESSION SIX - PARALLEL SESSIONS

WORKSHOP 1: MENTORSHIP - **CHARTER SUITE**

- Ms Emma Stapleton, Consultant Otolaryngologist and Auditory Implant Surgeon
- Dr Sirat Lodhi, Core Surgical Trainee

WORKSHOP 2: TEAM CONSULTING -

FROM INNOVATION IN THE THEATRE TO PRODUCT REALISATION - **DEACON SUITE**

- Mr Oscar Mackay, Consultant Mechanical Engineer
- Mr Tom Etheridge, Senior Industrial Design Consultant



WORKSHOP 3: MOBILE ASSESSMENT/INNOVATION IN ASSESSING - **PLAYFAIR HALL**

- Dr Karen Brasel, Vice President, American Board of Surgery

WORKSHOP 4: INNOVATIVE WAYS TO IMPROVE TRAINING - **GB ONG ROOM**

- Ms Lisa Hadfield-Law, Surgical Educationalist

WORKSHOP 5: SURGICAL SABERMETRICS AND THE FUTURE OF NON-TECHNICAL SKILLS TRAINING - **SYMPOSIUM HALL**

- Prof. Steven Yule, Chair of Behavioural Sciences, University of Edinburgh
- Mr. Lachlan Dick, Medical Education Fellow, NHS Lothian and PhD Candidate, University of Edinburgh
- Ms. Emma Howie, Clinical Research Fellow and PhD Candidate, University of Edinburgh
- Mr. Joe Norton, Clinical Research Fellow and PhD Candidate, University of Edinburgh
- Mr. Calum Arthur, Senior Lecturer in Surgical Performance, University of Edinburgh
- Dr. Roger Dias, Associate Professor of Emergency Medicine, Harvard Medical School
- Prof. Douglas Smink, Professor of Surgery, Harvard Medical School
- Mr Connor Boyle, Clinical Research Fellow and MD Candidate, University of Edinburgh

WORKSHOP 6: BBASS - DECONSTRUCTING SUTURING - **SKILLS LAB**

- Professor David O'Regan, Professor, Medical Education Research and Development Unit, Faculty of Medicine, University of Malaya
- Mr John Taylor, Consultant Trauma and Emergency Surgeon
- Professor Christopher Caddy, Plastic, Reconstructive & Aesthetic Surgeon

3:15 - 3:45pm

Quincentenary
Reception

NETWORKING AND EXHIBITIONS

Programme Schedule Cont.

Thursday 5 June

3:45 - 4:45pm

SESSION SEVEN - ICOSET CLOSING SESSION - RESILIENCE AND COLLABORATION IN MODERN SURGICAL PRACTICE - **SYMPOSIUM HALL**

Chairs: Mr James Tomlinson & Professor Amit Joshi

Effecting Culture Change Through a National Train-the-Trainers Programme

- Professor Dr. April Camilla Roslani, Professor and Senior Consultant Colorectal Surgeon, Universiti Malaya

Beyond the Scalpel: Burnout and Wellness in Surgery

- Assistant Professor Laura Marie Drudi, Assistant Professor of Surgery, Centre Hospitalier de l'Université de Montréal (CHUM)

Award of ICOSET and Triennial Poster and Oral Prizes

- Professor Alexander Phillips, Director, Faculty of Surgical Trainers RCSEd
- Ms Anna Paisley, Chair RCSEd Patient Safety Group

SESSION EIGHT - INNOVATION IN AUSTERE ENVIRONMENTS - **WOLFSON HALL**

Chair: Professor Angus Watson, RCSEd Council Member and Chair Faculty of Remote, Rural and Humanitarian Healthcare

Innovative Leadership in New Austere Environments

- Mr David Wightwick CMG, Chief Executive Officer, UK Med

Personal Reflections on Challenging Tours of Duty: How to Maintain Individual Resilience

- Dr Matt Newport, Consultant Anaesthetist

Innovating at Pace in Crisis

- Major General Professor Tim Hodgetts CB CBE HKS OStJ DL, Master General Army Medical Services

5.15 - 7.30pm
Quincentenary
Courtyard

DELEGATE EVENING DRINKS & STREET SNACKS

After the conference finishes for the day delegates will have an opportunity to network and enjoy some vibrant street snacks & refreshing drinks in the Courtyard & Gardens of the College, This will give time for delegates to explore the many restaurant options in Edinburgh. later on this evening.

Programme Schedule Cont.

Friday 6 June

8:30 - 9:25am

Quincentenary
Reception

REGISTRATION AND COFFEE

9:25 - 9:30am

Wolfson Hall

WELCOME ADDRESS

Professor Rowan Parks, President, The Royal College of Surgeons of Edinburgh

9:30 - 11:00am

Wolfson Hall

PLENARY: EVOLUTION OF INNOVATION

Chair: Professor Rowan Parks, PRCSed

Douglas Guthrie Memorial Lecture: RCSEd – Leading Innovation for over Five Centuries

- Mr Iain Macintyre, Past Vice President, RCSEd

Technology-led Innovation for 21st Century Healthcare

- Mrs Kiran Mazumdar-Shaw, RCSEd Regent

The Lister Legacy Lecture: The Surgeon in the 21st Century

- Professor Yuman Fong, Sangiacomo Chair and Chairman, Department of Surgery

11:00 - 11:30am

Quincentenary
Reception

NETWORKING AND EXHIBITIONS

11:30 - 1:00pm

Wolfson Hall

PLENARY: INNOVATIONS IN DELIVERY OF SURGICAL CARE

Chair: Professor Sir Gregor Smith, CMO Scotland

Harnessing AI to Improve Surgical Care

- Professor Ewen M Harrison OBE, Professor of Surgery and Data Science

Informatics and Use of Big Data to Improve Healthcare

- Professor Andrew Morris CBE, Director, Health Data Research UK

Innovations in Delivery of Clinical Surgical Care

- Professor Stella Vig, National Medical Director for Secondary Care, NHS England

1:00pm - 2:00pm

Quincentenary
Reception

LUNCH/MUSEUM TOUR/POSTER REVIEW/EXHIBITION

Programme Schedule Cont.

Friday 6 June

2:00 - 3:30pm

Wolfson Hall

PLENARY: INNOVATIONS IN TRAUMA AND REHABILITATION

Chair: Professor Robin Paton, RCSEd Honorary Secretary

Osseointegration – A rehabilitation perspective

- Dr. Rhodri D Phillip OBE, Consultant in Rehabilitation Medicine and Rheumatology

Human Augmentation

- Major Kirsty Milne, Senior Trauma and Orthopaedic Resident Medical Officer

The Patient Perspective: What Innovation Means to Me: a Personal Story of Life

Saving Surgery and Innovative Rehabilitation

- Lord Mackinlay of Richborough, Member of the House of Lords
-

3:30 - 4:00pm

Quincentenary
Reception

NETWORKING AND EXHIBITIONS

4:00 - 4:30pm

Wolfson Hall

INAUGURAL MACLEOD MCLAREN MEDAL IN PATIENT SAFETY

Chairs: Miss Anna Paisley, Chair RCSEd Patient Safety Group & Professor Stephen MacLeod FRCSEd, Oral and Maxillofacial Surgeon, Loyola University

Surgical Sabermetrics: The Future of Performance Analytics in the Operating Room

Professor Steven Yule, Professor of Behavioural Sciences, The University of Edinburgh

4:30 - 5:00pm

Wolfson Hall

JAMES YOUNG SIMPSON MEMORIAL LECTURE: INNOVATIONS IN PATIENT SAFETY: NOVEL WAYS TO IMPROVE STAFF WELLBEING AND SUPPORTING SURGICAL TEAMS AFTER MISTAKES

Chairs: Miss Anna Paisley, Chair RCSEd Patient Safety Group & Professor Andrew Calder, Professor Emeritus of Obstetrics and Gynaecology, University of Edinburgh

- Dr Haytham Kaafarani, Professor of Surgery Harvard
-

5:00pm

CLOSE OF MEETING

Book your place [HERE](#).

Triennial and ICOSET Conference Workshop Locations

Wednesday 4th June 2025 2.00 - 3.30pm

WORKSHOP	LOCATION
The Why and What of Qualitative Research in Surgical Education	Deacon
Mobile Assessment/Innovation in Assessing	Playfair Hall
Innovative ways to Improve Training	GB Ong
Surgical Sabermetrics	Symposium Hall (Ground Floor)
Black Belt Academy – Deconstructing Suturing	Skills Lab

If you have any questions regarding your attendance at a workshop please speak to a member of staff at the Quincentenary reception desk

Triennial and ICOSET Conference Workshop Locations

Thursday 5th June 2025 1.45 – 3.15pm

WORKSHOP	LOCATION
Mentorship	Charter Suite
Team Consulting – From Innovation in the Theatre to production Realisation	Deacon Suite
Mobile Assessment/Innovation in Assessing	Playfair Hall
Innovative ways to Improve Training	GB Ong
Surgical Sabermetrics	Symposium Hall (Ground Floor)
Black Belt Academy – Deconstructing Suturing	Skills Lab

If you have any questions regarding your attendance at a workshop please speak to a member of staff at the Quincentenary reception desk

Workshop Information

Please find information below about our workshops which are running on Wednesday 4th and Thursday 5th June

Workshop: The Why and What of Qualitative Research in Surgical Education

Location: Deacon Suite, Prince Philip Building

Delivered by: Professor Jennifer Cleland, RCSEd Wade Professor of Surgical Education and Research Professor Kenneth Walker, RCSEd Professor of Innovation in Surgical Education

The why and what of qualitative approaches in surgical research in surgical education. Qualitative methodologies are increasingly being used in surgical healthcare and education research. Instead of collecting numerical data points or intervening or introducing treatments as per quantitative research, qualitative research focuses on understanding participants' experiences, perceptions, and behaviour. It answers the how's and why's instead of how many or how much and regards context as something important to understand rather than something to control. Questions such as how patients experience having a stoma, to or trainees' perceptions experience of the transition from core to higher surgical training, can often be better answered using are typical of qualitative research. However, qualitative approaches it can seem a bit intangible, a bit of a "black box", to those whose previous training and experience is in quantitative research. In this workshop, we introduce some basic concepts, definitions, terminology, and applications of qualitative research as applied to surgical healthcare and education.

Workshop: Mobile Assessment/Innovation in Assessing

Location: Playfair Hall

Delivered by: Karen Brasel, Vice President, American Board of Surgery

Participants will learn how to determine specifications for mobile assessments and learn how to prioritize them. They will be introduced to many of the companies and products in this space and be able to identify the benefits and drawbacks of each, from the administrative, faculty and trainee perspective.

Workshop: Innovative ways to improve training

Location: GB Ong Room, Quincentenary Building

Delivered by: Ms Lisa Hadfield-Law, Surgical Educationalist

Participants will be asked to bring ideas and challenges and to leave the workshop with a minimum of 3 innovating ways THEY can improve training. Join the whatsapp group here: <https://chat.whatsapp.com/EoROb89YP6b4MkhGqSOGq4>.

Workshop: Surgical Sabermetrics and the Future of Non Technical Skills Training

Location: Symposium Hall

Delivered by: Professor Steven Yule, Chair of Behavioural Sciences, University of Edinburgh

Surgical Sabermetrics is advanced analytics of digitally recorded operative procedures to enhance insight, support professional development, and optimize clinical and safety outcomes. This interactive workshop will provide an introduction to sabermetrics, its role in the future of surgical training and allow participants to explore opportunities for applying data-driven assessments to their own performance and generate ideas on how to effectively integrate sabermetrics principles into surgical curricula.

Workshop: Black Belt Academy Surgical Skills – Deconstructing Suturing

Location: Skills Lab, Quincentenary Building

Delivered by: Professor David O'Regan, Professor, Medical Education Research and Development Unit, Faculty of Medicine, University of Malaya Mr John Taylor, Consultant Trauma and Emergency Surgeon Professor Christopher Caddy, Plastic, Reconstructive & Aesthetic Surgeon

Join the Black Belt Academy of Surgical Skills (BBASS) for an immersive workshop that transforms surgical training through the lens of motor learning and ergonomics. Rooted in the philosophy that surgical excellence stems from deliberate, structured practice—not just repetition—BBASS deconstructs complex procedures into teachable components: posture, instrument handling, angles, and setup.

****This session is intended for Trainers**

Workshop: Mentorship

Location: Charter Suite, Prince Philip Building

Delivered by: Ms Emma Stapleton, Consultant Otolaryngologist and Auditory Implant Surgeon
Dr Sirat Lodhi, Core Surgical Trainee

*An introduction to surgical mentoring, with practical examples and interactive practice sessions.
An overview of the RCSEd surgical mentoring programme and mentor development programme.*

Before attending: Please listen to RCSEd YF podcast on mentoring:

<https://www.rcsed.ac.uk/news-resources/rcsed-podcast/2024/may/younger-fellows-series-ep-1-mentoring>

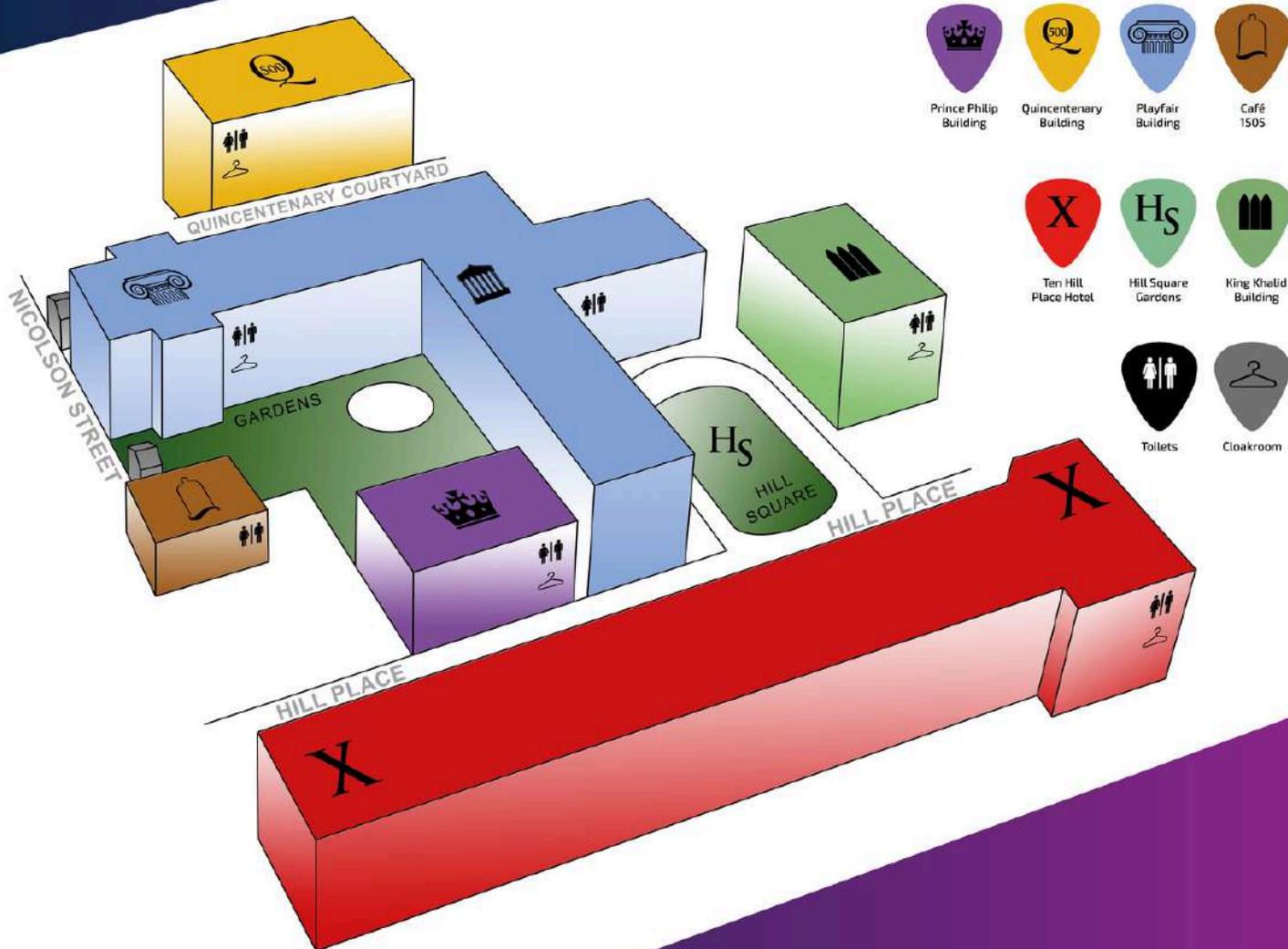
Workshop: Team Consulting - From Innovation in the Theatre to Product Realisation

Location: Deacon Suite, Prince Philip Building

Delivered by: Mr Oscar Mackay, Consultant Mechanical Engineer
Mr Tom Etheridge, Senior Industrial Design Consultant

From innovation in the theatre to product realisation – An interactive workshop exploring the innovation roadmap for what you need to do to take your theatre innovation to a realised product. This workshop explores the crucial balance in medical device development: addressing clinical needs, mitigating technological risks and establishing a clear path to market.

College Map



TRIENNIAL ORAL PRESENTATIONS

ORAL PRESENTER	PRESENTATION
Hajani Premanandhan	<i>Audit of warfarin initiation compliance with local Trust guidelines in patients undergoing mechanical valve replacement surgery</i>
Ahmed Elmaradny	<i>From referral to resolution, impact of acute biliary pathway on patients care A 6-Month Review</i>
Sarah Khan	<i>The Impact of a Standardised Benchmark Program on TAVI Mortality and Pacing: A Single Tertiary UK Centre Experience</i>
Maiar Elhariry	<i>The Digital Shift in Surgical Consent: The Efficacy of E-consent as a Tool for Learning, Communication, and Collaboration</i>
Oliver Turner	<i>The NHS Carbon Footprint Of Paediatric Coblation Tonsillectomies and Adenotonsillectomies</i>
Jack Carter	<i>Bioengineering in Regenerative Neurology - Electrical Stimulation of Neural Stem Cells</i>
Ferenc Gutai	<i>Cutting Through the Confusion: A Digital Triage Tool to Sharpen Plastic Surgery Decision-Making</i>
Yaseen Othman	<i>Improving Fluid Resuscitation and Maintenance Prescription Practices in Surgical Admissions: Closed loops double audits</i>
Ronnie Davies	<i>"X-ray please": Augmented reality in Orthopaedic Training</i>

ICOSET ORAL PRESENTATIONS

ORAL PRESENTER	PRESENTATION
Emma Howie	<i>Applying Elite Sports Coaching Routines to enhance Cognitive Load Management and Skill Development in Trainee Surgeons</i>
Joe Norton	<i>Under pressure: trainer behaviour and surgical trainee cognitive load in simulated vascular surgery</i>
Lachlan Dick	<i>Use of a modified Shadowbox technique to deliver training in surgical decision-making</i>
Siddhant Pherwani	<i>Enhancing Surgical Education Through Digital Platforms: An Evaluation of an Online Surgical Education Organisation's Impact</i>
Rory Clarke	<i>How do trainers think they should train? A qualitative study investigating the training practices that general surgical consultants value</i>
Meg Baker	<i>ST3 National Selection Success – Nature, Nurture or Postcode lottery?</i>
Jaspreet Seehra	<i>Non-standard clinical training outcomes in academic surgical residents and associations with protected characteristics: a UK cohort study</i>
Rebecca Jones	<i>National Recruitment to Ophthalmology ST1: Are we excluding inclusion?</i>

TRIENNIAL AND ICOSSET POSTERS

You can view the posters virtually [here](#) and on our poster screens in the Quincentenary Reception area

Enhancing Undergraduate Medical Education Using AI-Assisted Avatar Videos

Enhancing Laparoscopic Skills Through Simulation-Based Training: Outcomes from a Regular Course

Simulation Training in the Middle East: Experts Viewpoint on Current Status vs. Future Trends

Integration of Augmented Reality, Virtual Reality, and Extended Reality in Healthcare and Medical Education: A Glimpse into the Emerging Horizon

A robotic-assisted laparoscopic surgery (RALS) teaching series for medical students: a qualitative study

Preoperative Educational Briefings: A Systematic Review and Novel Evidence-Based Framework

Mastering Basic Flap Techniques: Transforming Surgical Skills Training with Foam Models

The Anatomy of a Surgeon – an integrated view of the role of technical and non-technical skills in modern surgical training

Patient Perceptions: How Does Patient-Surgeon Communication Affect Patient Preparedness for Surgery?

Mixed methods evaluation of clinical placement at a national elective surgery treatment centre for undergraduate medical students

Medical Students' Outpatient Skills Experiences and Training in Urology Clinics: A Quality Improvement Project.

Clinical placements: How can we improve student experience efficiently and effectively?

Night at the Theatre: enhancing undergraduate medical students' preparation for operating theatres through simulation-based education

Educating for Equity through a Black Lives Matter Initiative in Neurology and Neurosurgery

Exploring reasons for attrition from surgical training: A qualitative systematic review and thematic analysis of the literature

Missed Opportunities in Paediatric Post-operative Care: The role of Parental/Guardian Education

Bridging Gaps in Surgical Education: Preparing Surgical Residents for On-call Duties

Evidence-based approach to history-taking and clinical reasoning for chest pain

A novel and low-cost simulation model for Seldinger technique training

Surgical Toolkit - Providing The Tools For Future Surgeons

Developing Sustainable Healthcare Turas Modules

An Evaluation of Training Outcomes in a Single Consultants Thoracic Surgery Practice (2017 -2024): Insights from Select Interventions

Enabling trainees to reach the gold standard in minimally-invasive urological surgery - a closed loop audit in a Scottish tertiary cancer centre

The use of simulation in teaching robotic thoracic surgery - an evidence-based approach

Introducing a pilot laparoscopic simulation programme for Core Surgical Trainees in Northern Ireland.

Interactive Theatre: enhancing undergraduate preparation for the operating theatre

Novel metrics of operative performance and applications to surgical training: a pan-specialty, international, Delphi consensus study

UK Medical Students Interested in Trauma & Orthopaedics: Demographics, Motivations, and Confidence

Burnout Among Trauma Surgeons: A Systematic Review and Meta-Analysis

A Whole New World - Development of Regular Simulation Based Education in Regional Trauma and Orthopaedic Training

Impact of Strikes and the COVID-19 Pandemic on General Surgical Trainee Operating Experience

Single-Stage Management of Concomitant Gall Stones and Bile Duct Stones.

Study on the Impact of Short Structured Laparoscopy Training Course, Fellowship of Indian Association of Gastrointestinal Endo Surgeons (FIAGES)

Reformulating First-Year Surgery Residency: Through Comprehensive Anatomical Mastery

Training Progression: Developing a Simple Method for Trainees to Demonstrate Progression at ARCP

A Focussed Surgical Simulator (FOSS)

Innovative Approaches to Teaching Congenital Cardiac Surgery: Insights from a Five-Part Mixed-Modality Undergraduate Teaching Series

Academic Mentor: #tipsforacademicmentors

Outcome after Flexible Endoscopy Structured Training of Surgeons (FEST) in a Novel Hybrid Format

Advancements in Cholelithiasis Diagnosis: A Systematic Review of Machine Learning Applications in Imaging Analysis

Evaluating the Timing of ERCP Intervention in the Management of Common Bile Duct Stones: A Closed Loop Audit

Leveraging Automated Templates to Drive Innovation in Surgical Education and Patient Safety in Suspected Cauda Equina Syndrome

Knowledge of Intravenous Fluids among House Surgeons and Resident Surgeons: A cross sectional audit

A Review of the Preventative Methods for Preterm Birth:

Clinical Audit on Endoscopic Follow-Up Standards for Patients with Acute Diverticulitis

The Role of locals anaesthetic biopsy in Head and Neck Cancer pathway compared to GA biopsy in

Breaking Points: Haemorrhage Volume Thresholds in Intracerebral Haemorrhage : A Hypothesis-Generating Analysis

Quality improvement project to gain approval for the introduction of pre-printed consent forms

Enhancing Compliance and Decision-Making in Breast Cancer Treatment for Patients Over 70: A Quality

Tip-Apex Distance in Dynamic Hip Screw Fixation; a DGH Experience

Overview of stoma care in a DGH: retrospective single centre study

Assessing Staff Satisfaction Following the Implementation of a General Surgery Ward Round Proforma: A Quality

Assessing Artificial Intelligence as a diagnostic support tool for surgical admissions in the Emergency Department.

Rates of readmissions in Renal Transplant patients

Hematuria and need for Guidelines on Restarting Anticoagulants

Enhancing Surgical Care: Ensuring Adherence to Preoperative Antibiotic Prophylaxis Guidelines

Intravenous fluids prophylaxis against CI-AKI in high risk patients undergoing angiography in Surgical wards

Current Reporting Strategies for Carotid Ultrasound Scans

Preoperative assessment(POA) and Optimisation of Surgical patients: an audit to ensure safe and effective screening after the COVID era.

Anticoagulation management in urology surgery: an audit to ensure to be safe

Improving Scar Outcomes post Breast Surgery

Evaluating Patient Perceptions of Shared Decision-Making in Breast Surgery Care: Insights from the Parapet Breast Unit

A closed loop audit looking at quality of information spread on Tiktok regarding post-tonsillectomy care

Analysis of Ambulatory Trauma in the Emergency Department

Hydrosurgical debridement versus conventional debridement. A systemic review and meta-analysis

Vitamins and gingival health

Association of Ankle Brachial Index (ABI) with Hemodynamic Parameters in South Indian patients undergoing various Cardiovascular Surgeries

No stone unturned: Diagnosing mealtime syndrome affecting the upper lip

Mapping distractions in the hybrid operating room during elective endovascular aortic procedures

Compliance with Venous Thromboembolism Prophylaxis Guidelines Post-Emergency Laparotomy

Review of Care Needs and Provision for Head and Neck Cancer Patients

Qualitative thematic analysis of experiences of a Surgical Advanced Care Practitioner led Same Day Emergency Care

Progression of academic surgical residents to higher academic training and associations with protected characteristics: a UK cohort study

Improving Rapid Assessment and Treatment (RAT) Documentation in Trauma Care: A Quality Improvement Project

Hello my name is ... What patients want in a name badge

Bimanual Dexterity as an Objective Marker of Robotic Surgical Expertise for a Machine Learning Model

Implementation of the Cauda Equina Syndrome GIRFT Guideline in a District General Hospital without 24 hour MRI Provision

Catheter Care Bundle

Complications following emergency Ureteric stent insertion and how to minimise them

Scrotal exploration and outcomes

Automated Trauma List Formatting: Reducing Administrative Burden and Enhancing Clinical Training for On-Call Doctors

A new 3D printed simulation model with real-time intra-operative radiographic feedback an innovation in trauma and orthopaedic training.

Audit of Surgical Use of Prophylactic Antibiotics at South Warwickshire Foundation Trust

Improving the detection and documentation of suspected Cauda Equina Syndrome: a Quality Improvement Project

Reducing Bleeding, Bile Duct Injury postoperative pain and dissection time during Laparoscopic Cholecystectomy Using Saline Bupivacaine Solution Infiltration of Calot's Triangle: A Low-Cost Novel innovation and Technique

Achievement of Critical View of Safety by triple one (111) technique in Laparoscopic Cholecystectomy

Optimising Theatre Efficiency Through Data-driven Insights: A Proof of Concept for AI Integration

Case Report: Bilateral spontaneous patella tendon rupture in a 47 year old male

Audit of the a hot Cholecystectomy Pathway for Patients with Gallstone Related Disease

Implementing E-Consent in Urological Procedures: A Step Towards Modernization AT DGH

Assessing the Safety of Scrotal Pain Transfers: An Audit of Inter-Hospital Pathways within the NHS Trust

The Anatomy of a Surgeon - an integrated view of the role of technical and non-technical skills in modern surgical training

Ceilidh Evening

4 June 2025 | 19:30 | Ticketed Separately

A Celebration of Scottish Heritage and the Royal College of Surgeons of Edinburgh's Legacy

Step into an evening of lively music, spirited dancing, and Scottish tradition at the Triennial and ICOSET Conference Ceilidh! Join us to celebrate the Royal College of Surgeons of Edinburgh's rich history and roots in Scottish culture.

This separate ticketed event offers a unique chance to network and unwind with fellow conference attendees in a relaxed atmosphere with engaging conversation and the dynamic energy of a classic ceilidh dance. Connect with colleagues and experience an unforgettable evening steeped in the heritage that defines our host city. Food will be provided.

Don't miss out—secure your ticket on the MedAll website to guarantee your place at this memorable event!

Dress Code: Have a kilt? Wear it! Otherwise cocktail attire. We recommend comfortable shoes for the ceilidh dance.

Ceilidh Tickets – £50

Book your place [HERE](#).



CONFERENCE CONVENORS

Professor Rowan Parks

RCSEd President

Professor Rowan Parks is a Consultant HPB Surgeon and Professor of Surgical Sciences at the University of Edinburgh. Serving on the Council since 2009, he has been on numerous College committees and short life working groups.

He organised the RCSEd Triennial Meeting in 2018, the annual President's Meetings held from 2013–2015, and the Lister Centenary Meeting in 2012. He has a significant interest in medical education and training. Professor Parks is the past Deputy Medical Director of NHS Education for Scotland and also past-President of both the Association of Surgeons of Great Britain and Ireland (ASGBI) and the Great Britain and Ireland Hepato-Pancreato-Biliary Association (GBIHPBA).



Professor Alex Phillips

Director of The Faculty of Surgical Trainers

Professor Alexander Phillips is a Consultant Oesophagogastric Surgeon, based at the Royal Victoria Infirmary, Newcastle upon Tyne.

He has a background in medical education having completed a Masters in medical education and followed this up with an MD exploring clinical and surgical learning. He has a number of medical education roles, including the director of undergraduate surgery at Newcastle University, and deputy Programme Director for General Surgery in the Northeast of England.



Miss Anna Paisley

Chair of RCSEd Patient Safety Group

Anna Paisley is Chair of the Triennial & ICOSSET Conference Steering Committee. She has served as a Council member of the Royal College of Surgeons of Edinburgh since 2015. She has contributed to a wide range of College activities, in particular as Chair of the Patient Safety Group, Global Surgery Foundation and Website Development Working Group.

She represents the RCSEd on the Steering Group of the National Confidential Enquiry into Patient Outcomes & Death (NCEPOD), Centre for Peri-Operative Care (CPOC) and Health Improvement Scotland Team Based Quality Review Programme; she also previously represented the College on the GMC Scottish Advisory Group on the Wellbeing of the Medical Profession.

Anna is a Consultant General and Upper GI Surgeon at the Royal Infirmary Edinburgh and Honorary Senior Lecturer for the University of Edinburgh.

She has had a long-standing involvement in Patient Safety, having been named the Doctor of the Year in the 2010 Scottish Health Awards for her role as Lead in NHS Lothian for implementing surgical standards of the Scottish Patient Safety Programme.

She has a particular interest in surgical training and assessment and undertook postgraduate research at the Royal Infirmary of Edinburgh into the Assessment of Basic Surgical Trainees leading to the degree of Doctor of Medicine from the University of Oxford. She was awarded Fellowship of the Faculty of Surgical Trainers of the Royal College of Surgeons of Edinburgh in 2015. Having helped to develop the Edinburgh Surgical On-Line Programme, she was Director of Year 1 of the MSc in Surgical Sciences since its introduction in 2008 to 2023. Anna was Training Programme Director for General Surgery Specialty Trainees in South-East Scotland 2019-2023.



CONFERENCE CHAIRS

Professor Andrew Calder

Professor Emeritus of Obstetrics and Gynaecology, University of Edinburgh



(Chairman of Simpson Memorial Lecture Committee RCSEd)
Professor Emeritus of Obstetrics and Gynaecology, University of Edinburgh
Formerly: Consultant Obstetrician and Gynaecologist Royal Infirmary of Edinburgh;
Formerly: Chairman of:
Academy of Royal Colleges and Faculties in Scotland,
Tenovus Scotland
Founding Director Jennifer Brown Research Laboratory, Queen's Medical Research Institute
Principal research areas: Biological and clinical control of parturition, understanding impaired placental function and premature labour.

Dr Laura Marie Drudi

Assistant Professor of Surgery, Centre Hospitalier de l'Universite de Montreal (CHUM)



Dr. Laura Marie Drudi is an Assistant Professor of Surgery at the CHUM. She completed her medical training and vascular surgery training at McGill University, Master's of Epidemiology, Biostatistics and Occupational Health at McGill University, fellowship in complex peripheral endovascular surgery in Belgium and a Diploma of Implementation Science at UCSF. She has over 70 publications centered on amputation prevention as well as wellness and burnout in the vascular surgery workforce. Dr. Drudi is also an advocate for diversity, equity, and inclusion, having served on several committees for the Society for Vascular Surgery (SVS), including the SVS Wellness Task Force and the SVS Diversity, Equity, and Inclusion Committee. Her work extends beyond research and clinical practice, with active participation in community-engaged research to improve healthcare experiences for patients and marginalized groups.

Professor Timothy Graham

RCSEd Vice-President



Professor Timothy Graham is a Consultant Cardiothoracic Surgeon and Senior Lecturer in Clinical Surgery at the Queen Elizabeth Hospital Birmingham, University of Birmingham and Royal Centre for Defence Medicine UK and a Civilian Consultant Cardiac Surgeon to the British Army. He's a joint founder of the National Birmingham Review course in Cardiothoracic surgery and the National Birmingham Professional Development Course. He's also a joint founder and convenor of the Asian Cardiothoracic Surgery Specialty Update Course (ACSSUC). Received Honorary Fellowship of Indian Association of Cardiothoracic and Vascular surgeons in 2011 and Distinguished Surgeon Award from Academy of Medicine Singapore in 2013.

Dr Amit R.T. Joshi

Professor of Surgery, Associate Dean for Graduate Medical Education,
Editor-in-Chief for SCORE



Dr. Joshi is the Associate Dean for Graduate Medical Education and Professor of Surgery at Cooper Medical School of Rowan University in Camden, NJ. He is the Editor-in-Chief of the American Board of Surgery's (ABS) Surgical Council on Resident Education (SCORE)—which is the national curriculum for surgery. He was also the 2023–2024 President of the Association of Program Directors in Surgery.

Mr Stephen Jones

Consultant ENT Surgeon, Ninewells Hospital, Dundee and Perth Royal Infirmary



Mr Stephen Jones obtained his MBBS from St. Bartholomew's Hospital, University of London in 1993. He completed Higher Surgical Training in ENT in the East Anglia region in 2005 and moved to Dundee in 2006 for his first substantive consultant post.

He took over the organisation of the years 1-3 undergraduate ENT block shortly after starting in Dundee and then became block organiser for Year 4 ENT medical students in 2010. He also became the NHS Teaching Lead for ENT later in 2010-2024.

He became Associate Director of Medical Education for NHS Tayside in 2017 and then Deputy DME in 2022.

Previously he has been clinical lead for his department, lead trainer for postgraduate trainees in ENT in Tayside, East of Scotland representative and education convenor for ENT Scotland.

He is currently also Honorary Treasurer of the Faculty of Surgical Trainers of the Royal College of Surgeons of Edinburgh, Examiner, Assessor and Section 2 lead for the FRCS (ORL-HNS) exam, and Senior Assistant Editor for the website of the Journal of Laryngology and Otology.

He completed the Postgraduate Certificate in Medical Education with the University of Dundee in December 2014.

Professor Paul BS Lai

Emeritus Professor, Department of Surgery, The Chinese university of Hong Kong



Prof. Paul BS LAI is an academic surgeon and specialist in general surgery from the Chinese University of Hong Kong. He is currently the Emeritus Professor of the Department of Surgery and Honorary Consultant in Hepato-biliary and Pancreatic Surgery at the Prince of Wales Hospital in Hong Kong. Prof. Lai's research interests include basic and clinical sciences of surgery and surgical outcome research. He is currently the Director of the Surgical Outcomes Monitoring and Improvement Programme (SOMIP) in the Hospital Authority, Hong Kong. As the past president of the College of Surgeons of Hong Kong, he has taken an active role in surgical training programmes and fellowship examinations. Prof. Lai has received training in administrative medicine and was conferred the Fellowship of Royal Australian College of Medical Administrators, Fellowship of the Faculty of Public Health UK and Fellowship of the Hong Kong College of Community Medicine (Administrative Medicine).

Professor Stephen MacLeod

Oral and Maxillofacial Surgeon, Loyola University



Stephen MacLeod BDS, MBChB, FDSRCS, FRCS, FFSTRCS (ED), FACS is the Joseph A and Louise Ada Jarabak Professor of Surgery, Director, Division of Oral & Maxillofacial Surgery and Dental Medicine, Program Director, Oral & Maxillofacial Surgery Residency and Vice-Chair for Professional Development at Loyola University Medical Center.

Stephen completed Dental, Medical and Surgical Training in Scotland, obtaining FDSRCS and FRCS Ed, and a Fellowship at the University of Louisville. During his Higher Surgical Training He was sponsored by the Scottish Council for Postgraduate Medical and Dental Education to pursue training in medical education. He was elected a Fellow in Dental Surgery Ad eundem of the Royal College of Surgeons of England in recognition of his educational involvement in ATLS training and remains actively involved in teaching ATLS provider and instructor courses in the US and UK.

Stephen has served as Chair of the Trauma Clinical Interest Group of the American Association of Oral and Maxillofacial Surgeons and as President of the Craniomaxillofacial Surgery Board of AONA. In this role he has been involved in development for courses that have been taught nationally and internationally. His major focus has been faculty education and development.

Stephen has served as an examiner for the American Board of Oral and Maxillofacial Surgery, as an external examiner for the University of the West Indies and as an MFDS examiner for the RCS Ed.

He was elected as Fellow of the Faculty of Surgical Trainers of the Royal College of Surgeons of Edinburgh in 2016 and as associate member of the Academy of Master Surgical Educators of the American College of Surgeons. He continues to teach courses on faculty development, non-technical skills, coaching and resiliency training to serve the surgical community and prepare the next cohort of surgical leaders.

Miss Shireen McKenzie MD

Consultant Oncoplastic Breast Surgeon, Leeds Teaching Hospitals Trust



Shireen has been a Consultant Oncoplastic Breast Surgeon at Leeds Teaching Hospitals Trust since 2011. Passionate about surgical education and training, she plays a key role in shaping the next generation of surgeons. She is the Honorary Secretary for the Faculty of Surgical Trainers (FST) at the Royal College of Surgeons of Edinburgh (RCSEd) and serves as a Regional Ambassador for RCSEd.

Until recently, she was the Director of Undergraduate Medicine at Leeds Teaching Hospitals, having previously co-lead Year 3 MBChB at the University of Leeds. She continues to contribute to academic training as an Honorary Senior Clinical Lecturer at the University of Leeds.

Committed to enhancing non-operative technical skills in surgery (NoTSS), she is an Executive Committee member for NoTSS at RCSEd, advocating for the development of crucial decision-making, leadership, and communication skills in the operating theatre to improve both patient outcomes and team dynamics.

Shireen's specialist interests lie in surgical education at both undergraduate and postgraduate levels, with a strong focus on creating inclusive and supportive learning environments. She actively mentors undergraduate surgical groups, particularly those from diverse and underrepresented backgrounds, striving to foster a culture that "trains and retains" the surgeons of tomorrow.

Dr Clare McNaught

RCSEd Vice-President



Dr Clare McNaught is a Consultant General and Colorectal Surgeon based in Harrogate. Her clinical interests include colorectal cancer, IBD and the impact of frailty on surgical outcomes. She has always been passionate about training and supporting the next generation of surgeons through her roles as educational supervisor, research mentor and MRCS examiner. In 2014, Clare founded the Younger Fellows' Committee to support surgeons in their transition from Registrar to Consultant practice. She is also the past Editor of Surgeons' News. Clare was elected to RCSEd Council in 2014 and was Honorary Secretary from 2020–2022. She was elected to the office of Vice President in 2022, the first woman to hold this role since 1505.

Dr Iain Murray

Consultant Orthopaedic Surgeon, Edinburgh

Orthopaedics/Edinburgh Royal Infirmary



Dr Iain Murray is a Consultant Orthopaedic Surgeon at Edinburgh Orthopaedics/Edinburgh Royal Infirmary and Honorary Senior Lecturer at The University of Edinburgh. The focus of his clinical practice is sports injuries and joint preservation of the hip and knee and he serves on the medical advisory board for DP World Tour Golf and The R&A. He undertook ACGME accredited clinical fellowship in Orthopaedic Sports Medicine at Stanford University in California. The central goal of his research is the effective prevention and management of sports injuries and in the clinical translation of regenerative therapies. He undertook a Wellcome Trust funded PhD and postdoctoral training at UCLA Orthopaedic Hospital Research Center in California, and at the MRC Scottish Centre of Regenerative Medicine. He has been awarded the United States Orthopaedic Research Society (ORS) New Investigator Recognition Award, the Syme Medal, the Neer Award for Basic Science. He is in the leadership group for the UK Collaborating Centre for Injury and Illness Prevention in Sport (UKCCIIS), one of only 11 International Olympic Committee (IOC) Research Centres globally, and the only such centre in the UK.

Professor Robin W. Paton

RCSEd Honorary Secretary, Consultant Orthopaedic Surgeon with a special interest in Children's Orthopaedics



Robin undertook his Trauma and Orthopaedic training in London, Manchester, and Stuttgart (AO Fellowship). Surgical education has been a passion, and he has twice been awarded the Northwest of England, Orthopaedic Trainees Association's 'Trainer of the Year'. He examined in the Intercollegiate FRCS (T & O) examination in the UK and Ireland for 13 years. More recently, he has led the Edinburgh team in the JSF FRCS (T & O) examinations in Hong Kong and Singapore and presently, he is an Intercollegiate MRCS examiner. Robin has an active research portfolio, especially in paediatric orthopaedics and he has been awarded the John Sharrard medal (British Society for Children's Orthopaedic Surgery 2012), the King James IV Professorship (Royal College of Surgeons of Edinburgh 2016) and the Sir Walter Mercer lecture/medal (British Orthopaedic Association, 2021). He is currently an Honorary Professor at the Medical School, University of Central Lancashire, and an Office Bearer, Trustee and Honorary Secretary of the Royal College of Surgeons of Edinburgh.

Professor Dr April Camilla Roslani

Professor and Senior Consultant Colorectal Surgeon, Universiti Malaya



Professor Dr. April Roslani is a Professor of Colorectal Surgery at Universiti Malaya. Graduating from the University of Wales in 1995, she obtained Universiti Malaya's Master of Surgery in 2003, and established University Malaya Medical Centre's (UMMC) Colorectal Surgery Unit in 2007. Prof. April is an influential driver of postgraduate medical training. She has chaired the Conjoint Committee for Postgraduate Medical Degrees and led the creation of the National Training Curriculum for General Surgery. As chair of the Train-the-Trainers Steering Committee, she developed a blended curriculum for train-the-trainers modules. She has advocated against toxic workplace environments, incorporating training modules in both trainee and trainer curricula. She is a Councillor in the International Surgical Society. A council member of the Malaysian Medical Council, she leads its Specialty Subcommittee (Education) for General Surgery. Her work has been recognized by the international surgical fraternity, through numerous Honorary Fellowship awards.

Professor Douglas S. Smink

Professor of Surgery, Harvard Medical School, Brigham and Women's Hospital



Douglas S. Smink, MD, MPH is the Chief of Surgery at Brigham and Women's Faulkner Hospital and the Vice Chair of Education for the Department of Surgery at Brigham and Women's Hospital. He is also a Professor of Surgery at Harvard Medical School. Dr. Smink received his medical degree from the University of Pennsylvania School of Medicine and completed general surgery residency at the Brigham. Dr. Smink serves as the Editor-in-Chief of the Journal of Surgical Education, and he is a member of Academy of Master Surgeon Educators through the American College of Surgeons. He is the Past-President of the Association of Program Directors in Surgery. Dr. Smink's research focuses on resident and faculty education and patient safety through simulation, team training, and coaching. He leads the Surgical Coaching for Operative Performance Enhancement (SCOPE) Program, where he helps lead a program of peer-coaching and performance improvement for surgeons.

Professor Sir Gregor Smith

Chief Medical Officer for Scotland



Gregor Smith was appointed as Chief Medical Officer for Scotland in December 2020, having assumed the role of Interim Chief Medical Officer in April 2020. Prior to this, from 2015, he was Deputy Chief Medical Officer. His clinical specialty is general practice and after 15 years as a partner in a GP practice in South Lanarkshire, he began working part-time for Scottish Government in 2012 as a medical adviser in primary care. He has also undertaken a number of operational leadership roles, including health board chief executive, medical director and clinical network lead.

Gregor is the independent principal clinical and public health adviser to Scottish ministers and leads a Scottish Government directorate comprising four divisions; a medical advisory division, the Chief Pharmaceutical Officer division, the Chief Scientist (Health) division and a policy division. He has been a co-author and co-developer of the renowned Realistic Medicine approach to care since its inception in 2016.

His priorities include action on health inequalities, the climate emergency and healthcare sustainability through the development of a culture of stewardship in NHS Scotland. The need to develop values-based approaches that provide kind person-centred care, reduce harm and waste, and foster innovation and improvement, lie at the heart of his professional philosophy.

He is enthusiastic about keeping fit and believes getting outside and participating in physical activity can help improve people's physical, mental and social health. He is an Honorary Professor of the University of Glasgow, having graduated there in 1994. As a first generation university graduate, he is a powerful advocate of widening access to higher education and participates in the Speakers for Schools programme.

In 2022, he was bestowed a knighthood in the Queen's New Year's Honours List for services to public health. In 2024, he was appointed by the King as Honorary Air Commodore to 612 squadron of the Royal Air Force.

Mr James Tomlinson

Consultant Spinal Surgeon/Associate Medical Director (Education),
Sheffield Teaching Hospitals



Mr James Tomlinson is a Consultant Spinal Surgeon at Sheffield Teaching Hospitals. He is Educational TPD for T&O in Yorkshire and a member of the Orthopaedic Selection Design Group. He is a member of the RCSEd NOTSS faculty and has supervised a number of educational leadership fellows.

Professor Angus Watson

RCSEd Council Member



Professor Angus Watson is the Clinical Chair of Surgery at the University of Aberdeen. He is an honorary Consultant Surgeon at NHS Highland. He is an elected member of Council of the Royal College of Surgeons of Edinburgh and a Clinical Advisor to the Centre for Sustainable Delivery. He trained in Manchester, Scotland and New Zealand before being appointed as a Consultant Colorectal Surgeon at Manchester Royal Infirmary in 2005. He has a doctorate from the University of St Andrews. Professor Watson moved to Inverness in 2009. His main clinical interests are emergency and colorectal surgery. His research interests are diverse. He is a co-applicant and Principal Investigator of a wide range of national and international clinical trials. He chairs the Royal College of Surgeons of Edinburgh's (RCSEd) Research Committee and its Global Surgery Foundation. His innovations include the Scottish Surgical Boot Camp and he is the instigator and clinical lead of the NHS Scotland Colon Capsule programme (ScotCap). He has created digital applications for Crohn's and Colitis UK and Macmillan. He has an interest in developing homes for assisted living and has a number of grants to promote surgical skills acquisition using bio-synthetic tissue and augmented reality. He runs the RCSEd's Surgical Skills Competition. He has over 230 peer reviewed publications, book chapters and conference papers and he has delivered healthcare across the globe, most recently in Ukraine along with UK-Med.

PRESENTERS

Dr Karen Brasel

Vice President, American Board of Surgery



Karen Brasel, M.D., M.P.H., F.A.C.S, is the Vice President of the American Board of Surgery. Dr. Brasel received her medical degree from the University of Iowa, completed her surgical residency and Master's in Public Health at the University of Minnesota, and her surgical critical care fellowship at the University of North Carolina. Dr. Brasel has served as the American Association for the Surgery of Trauma Recorder and Program Chair, as Vice President of the American College of Surgeons Board of Governors and as international director of ATLS®. She has served as the chair of the ACGME Review Committee for Surgery and president of the Western Surgical Association. She is a founding ACS Master Educator and received the Association for Surgical Education Master Educator Award in 2020. She is currently an associate editor of the Journal of Surgical Education.

Dr. Brasel's clinical practice is trauma/critical care and emergency general surgery at Oregon Health & Science University. Her research focuses on surgical palliative care, education, and quality of life after trauma.

Mr Doug Campbell

Education Lead, Trauma and Orthopaedic Surgical Specialties Board, RCSEd



Doug Campbell was a Consultant Hand and Wrist Surgeon in Leeds for 26 years before retiring in late 2024.

During his career, he was a Visiting Orthopaedic Professor in the USA, Australia, Singapore, Colombia, China, South Africa and Hong Kong. In 2014, following his work in surgical implant development, he was invited to deliver the Richard J Smith Oration at Harvard University. He was awarded a Fellowship of the Faculty of Sports and Exercise Medicine in 2008 and a Fellowship of the Royal College of Surgeons of Glasgow in 2016.

He developed a specialist Sports Medicine & Performance interest within his hand & wrist practice and was a Member of the Medical Advisory Board of the DP World Tour of golf (previously the European PGA Tour) for 16 years as well as a specialist medical adviser/provider to the British Olympic Association (both summer and winter sports), professional soccer clubs, the Scottish Rugby Union, Premiership Rugby Union clubs, multiple Rugby League clubs and international teams, international and county cricket organisations as well as for non-contact sports such as GB diving and gymnastics. He was the Club Surgeon at Leeds United for 21 years. He was also a consultant to the Northern Ballet Theatre and treated many professional musicians, both classical and contemporary.

Doug maintains an active interest in clinical research. He gained his Master of Surgery research degree (ChM) from the University of Leeds in 2000. He was the Chairman of the international AO Hand Expert Group for 15 years, leading the design of many of today's hand & wrist implants. He devoted a lot of his non clinical time to medical education, and was Chairman of the AOUK Education Committee, a Member of the Education Committees of the British Orthopaedic Association and the British Society for Surgery of the Hand, and an examiner for the European Diploma in Hand Surgery. He organized and chaired courses in Switzerland, Holland, South Africa, Dubai and the USA, lecturing frequently both in the UK and at many international meetings over the past 30 years. He has written chapters in over a dozen textbooks, edited books on the Management of Hand Trauma and Surgical Procedures in Wrist Injuries, produced 5 surgical technique videos and published more than 40 peer reviewed articles. Doug now sits on the Trauma and Orthopaedic Surgical Specialties Board at the Royal College of Surgeons of Edinburgh, where he is the Education Lead. He also runs one-day clinical courses on hand and wrist issues for Sports Medicine doctors and MSK physiotherapists and is the Clinical Director for a virtual reality medical technology company in Western Australia.

Mr Christopher Caddy

RCSEd Council Member



Mr Christopher Caddy is a Consultant Plastic, Reconstructive & Aesthetic Surgeon and Honorary Senior Lecturer, Sheffield Teaching Hospitals NHS Foundation Trust. He was elected to Council in 2019. An Edinburgh graduate with international training in South Africa, Australia, and USA. His interests include Education and Training, Leadership and Quality Improvement. He is a Fellows Representative on the Advisory Board, Faculty of Surgical Trainers and a Fellow of the Academy of Medical Educators. He is involved with NOTSS training, FLOW and individual coaching.

Professor Jennifer Cleland

Wade Professor of Surgical Education Research and President's Chair in Medical Education



Jennifer Cleland is an occupational and clinical psychologist whose career has focused on health services and medical education research. Based in Aberdeen, Scotland, for 20 years, she currently serves as President's Chair in Medical Education at Lee Kong Chian School of Medicine Singapore, and as Wade Professor of Surgical Education Research at the Royal College of Surgeons of Edinburgh. She holds or has held editorial roles with many high impact journals in her field. She has been honoured with honorary professorial/external faculty appointments from seven universities across four continents. She is an Associate Fellow with the Faculty of Surgical Trainers (FST) and a Fellow of the Royal College of Physicians of Edinburgh. She received the Ian Hart International Award for Innovation in Medical Education (2022) and the Karolinska Institutet Prize for Research in Medical Education (2024). She has supervised 20+ PhD students to successful completion, many of them surgical fellows.

Dr Roger Daglius Dias

Associate Professor of Emergency Medicine, Harvard Medical School



Dr. Dias is an Associate Professor of Emergency Medicine at Harvard Medical School and the Director of Research and Innovation at the STRATUS Center for Medical Simulation at Mass General Brigham, where he leads the Medical AI & Cognitive Engineering (MAICE) Lab.

Dr. Dias research is funded by the NIH, NSF, AHRQ, NASA and DoD, focusing on the application of emerging technologies, such as artificial intelligence, machine learning, wearable sensors, digital biomarkers, and extended reality to measure and enhance clinicians' performance in a variety of settings, including emergency medicine, critical care, surgery, space and military medicine.

Mr Lachlan Dick

Medical Education Fellow, NHS Lothian and PhD Candidate, University of Edinburgh



Lachlan is a general surgery resident with an interest in surgical education and training innovation. His clinical training has been throughout Scotland and is focused on his subspecialist interest in colorectal surgery. Lachlan's educational practice has led to national roles, course faculty positions and experience in curriculum development and simulation.

His research interests are improving training outcomes and maximising potential through data-driven surgery, and enhancing surgical rotation experience at an undergraduate level.

Currently, Lachlan is an NHS Lothian Medical Education Fellow and a PhD student in medical informatics at the University of Edinburgh.

Mr Tom Etheridge

Senior Industrial Design Consultant, Team Consulting



As a senior industrial design consultant, Tom delivers holistic support to Team's clients across design, engineering and human factors. By keeping design thinking at the forefront when planning development projects, he promotes good design through clear and creative decisions.

"My approach to medical device design is deeply rooted in creating meaningful experiences for the end user. It's great being able to work within a team of people from different disciplines to deliver products that have a positive impact on people's health and well-being."

"Team presents a great opportunity to work alongside market leaders in the medical device design field. I'm glad to contribute to the company's work and want to continue to push its award-winning design capability."

With a degree in industrial design technology from Brunel University London and over 15 years working in a consulting environment, Tom has led the development of multiple medical device projects including reusable instruments and targeted therapy devices. Tom keeps design thinking at the forefront of device development to ensure instruments are intuitive to use and delight end users.

Professor Alberto R Ferreres

Professor of Surgery



Professor of Surgery University of Buenos Aires | Associate Director Education & Research University of Buenos Aires | Professor of Surgery and Ethics & CoDirector Center for Surgical Ethics University of Washington.

Professor Yuman Fong, M.D.

Sangiaco Chair and Chairman, Department of Surgery, City of Hope Medical Center, Duarte CA



Dr. Fong is known clinically for his work in liver surgery—especially for helping prove liver resection to be potentially curative for stage IV colorectal liver metastases. For his clinical accomplishments, he was awarded the Layton F. Rikkers Master Clinician Award from the SSAT. Dr. Fong's laboratory focus is in the field of gene therapy, engineering viruses and immune cells for the killing of cancer. His surgical translational work has included design of surgical tools including surgical robots. His work in engineering has led to election to the American Institute of Medical and Biologic Engineering.

Dr Danny P. Goel

Clinical Professor in the Department of Orthopedic Surgery



Dr. Goel currently practices in Vancouver, B.C. and is a Clinical Professor in the Department of Orthopedic Surgery. He received his medical degree from the University of Manitoba, pursued his residency training in orthopedic surgery at the University of Calgary, and completed fellowship training in shoulder surgery at Western and Harvard University. Dr. Goel has co-authored more than 50 publications and has a special interest in learning pedagogy, surgical education, surgical techniques, simulation and the intersection of technology in healthcare. His interest in education has led to his role as the CEO and Founder of PrecisionOS, a global medical education provider using virtual reality for orthopedic healthcare professionals. This software is currently being used in over 60 countries around the world.

Professor Ewen M. Harrison OBE

Professor of Surgery and Data Science



Ewen Harrison is Professor of Surgery and Data Science at the University of Edinburgh and a Consultant HPB Surgeon at the Royal Infirmary of Edinburgh. He is Director of the Centre for Medical Informatics at the University of Edinburgh. His work pioneers data-driven, collaborative research to improve patient outcomes after surgery across the global north and south, spanning AI/machine learning, decision modelling, wearable sensing, and clinical trials. He has been appointed a Fellow of the Academic of Medical Sciences and the Royal Society of Edinburgh, and his work during the COVID-19 pandemic was recognised with an OBE in the King's New Year's Honours.

Ms Lisa Hadfield-Law

Surgical Educationalist



Having spent 20 years in clinical practice and 20 years in surgical education, Lisa has been immersed in both cultures and was, therefore, in a unique position to provide educational & leadership support. She has managed an orthopaedic/trauma service at a teaching hospital and has insight into the circumstances and challenges facing surgical teams. Surgical educator since 1992. Trained over 15,000 surgeons in 68 countries of Europe, North America, Latin America, and Asia Pacific. Previously 20 years of trauma nursing experience in the UK and abroad. Head of Nursing – St Bartholomew's Hospital, London. Trained as a virtual teacher in 2016 & 2020. BOA Education Advisor from 2012 to 2024. Consultant surgical educator UK and abroad. Education Advisor to AOUK&I. Lead for Future Leaders Programme, BOA & RCSEd. Lead Foundations in Surgical Leadership & Dental Leadership– RCSEd. Honorary Fellow of the Faculty of Surgical Trainers – RCSEd. Honorary Fellow British Orthopaedic Association. Faculty of Surgical Trainers Advisory Board. Current focus – leadership for surgeons & dentists.

Professor Tim Hodgetts CB CBE KHS OStJ DL

Master General Army Medical Services



Major General Tim Hodgetts is the Master General of the Army Medical Services and Deputy Lieutenant for the County of West Midlands. Tim retired in 2024 as the Surgeon General of the UK Armed Forces, the elected Chair of the Committee of Military Medical Chiefs in NATO, and Honorary Surgeon to His Majesty the King. Tim has held a university Professorial position since 1998, and is currently Honorary Professor at the University of Warwick and Visiting Professor at the Military Medical Academy in Belgrade.

Ms Emma Howie

Clinical Research Fellow and PhD Candidate, University of Edinburgh



Ms Katie Hurst

previous Trainee Member of Council, General Surgery Registrar



Katie Hurst is a General Surgery Registrar (ST4) in the Thames Valley deanery, with an interest in Oncoplastic Breast Surgery. During completion of her academic foundation programme and academic clinical fellowship in Oxford, she sat on the RCSEd Trainees committee for three years. Katie is extremely passionate about improving trainee morale, as well as teamwork in the workplace. She orchestrated the RCSEd roadshow 'Lets Cycle It', and is currently chair of the RCSEd Sustainability Champions. Outside work, Katie enjoys cycling, running and spending time with friends.

Dr Haytham Kaafarani

Professor of Surgery, Harvard Medical School



Haytham Kaafarani, MD, MPH, FACS, is a Professor of Surgery at Harvard Medical School, the Hospital Medical Director for Quality & Safety and the Trauma Medical Director at the Massachusetts General Hospital (MGH). Between 2022 and 2023, Dr. Kaafarani served as the Chief Patient Safety Officer of The Joint Commission. In that role, he was the president's designee to prioritize patient safety concerns at Joint Commission-accredited health care organizations, provided oversight and medical expertise for the Office of Quality and Patient Safety, and oversaw data management and analysis related to the Sentinel Event Database. His previous roles include Director of the MGH Center for Outcomes & Patient Safety in Surgery (COMPASS) and Director of the MGH Wound Center. Dr. Kaafarani is a recognized authority and speaker with more than 450 published peer-reviewed manuscripts and textbook chapters with a focus on surgical patient safety from intake to discharge, benchmarking quality care, peer support, and the use of artificial intelligence for risk modeling and predicting outcomes. He has won numerous awards, including a nomination to the Ellis Island Medal of Honor and the 2024 Robert L. Wears Patient Safety Leadership National Award. Dr. Kaafarani received his Master of Public Health from Harvard University and his doctorate from the American University of Beirut, Lebanon. He holds certifications in surgery and surgical critical care from the American Board of Surgery.

Dr Sirat Lodhi

Core Surgical Trainee, North West Deanery



Sirat is an ENT-themed Core Surgical Trainee based in the North West. As a Foundation Trainee, she chaired the RCSEd's Manchester Foundation Trainee Surgical Society. She is a founding member and Research Lead for the RCSEd's Core Trainee Forum. Through this role, she aims to identify solutions to training-related issues. She especially enjoys supporting mentorship and widening participation initiatives.

Oscar Mackay

Mechanical Engineering Consultant



With a background in electro-mechanical systems and surgical robotics, Oscar supports innovative surgeons to design and develop impactful surgical devices from minimally invasive systems to robotic patient positioning systems and more.

As a mechanical engineering consultant, Oscar has worked across the continuum of care from surgical devices and POC diagnostics, to autoinjector programs. He supports Team's clients both in the design and development of their products but also in developing automated test equipment to validate their device performance.

"Being 100% focused on medical devices is what attracted me to Team and I'm particularly passionate about bringing rigorous testing and engineering into all device developments."

"I love working with surgeons, as they know better than anyone the clinical challenges that need to be solved. Ensuring that new technology addresses an unmet need and putting the user at the centre of the design ensures that devices are not only technically feasible and compliant, but also loved by users."

Oscar graduated from Swansea University with a first-class Master's degree in mechanical engineering with honours.

Lord Mackinlay of Richborough

Member of the House of Lords



Craig is a Chartered Accountant and was the Member of Parliament for South Thanet between May 2015 and May 2024. After standing down as an MP Craig was nominated for a life peerage in the 2024 Dissolution Honours. In September 2023, Craig developed a very rapidly progressing case of Sepsis and was placed in an induced coma for 16 days. He was not expected to survive. Craig underwent a quadruple amputation on 1st December 2023 at St Thomas' Hospital in London. Craig was appointed a Justice of the Peace on the North Kent bench in 2006. A freeman of the City of London, he served as a trustee of three Kent charities: Chatham Historic Dockyard Trust, Foord Almshouses in Rochester, and Medway Sculpture Trust. Craig is married to Kati and they have a young daughter, Olivia.

Dr Carrie McCrea

Sports and Exercise Medicine Consultant



Dr Carrie McCrea is a Sports and Exercise Medicine Consultant with an interest in Mental Health in Performance Sport. She works primarily with the Sport Scotland Institute of Sport, where she leads on a range of sports and acts as Clinical Lead for Mental Health. Dr McCrea holds additional roles in swimming, motorsport, and football.

Dr McCrea has broad experience in developing and implementing mental health strategies in Commonwealth and Olympic Games settings and recently held the role of Mental Health Lead for Team GB for the Paris Olympic Games.

Mr Iain MacIntyre

Former RCSEd Vice President



Iain MacIntyre was a surgeon in Edinburgh, working at Leith Hospital, the Western General Hospital, the Royal Infirmary in Lauriston Place and finally at the new Royal Infirmary at Little France. He was Vice President of the Royal College of Surgeons of Edinburgh during its 500th anniversary celebration and served as surgeon to the Queen in Scotland until he retired in 2004.

Since retiring he has been involved in the history of medicine and his books include *Surgeons Lives* and *Scottish Medicine – an Illustrated History*, of which he was joint author. He has published over 120 peer-reviewed papers, which in recent years have been on history of medicine topics.

He is a past President of the British Society for the History of Medicine.

Major Kirsty Milne

Senior Trauma and Orthopaedic Resident Medical Officer



Major Kirsty Milne is a senior Trauma and Orthopaedic Resident Medical Officer in the Royal Army Medical Services. She is in the final years of her training in the Southeast Scotland rotation and an Edinburgh local (although originally from a bit further west!). She has served in the Army since 2005, initially commissioning into the Royal Engineers and later in the Royal Army Medical Corps. She has served in the Falkland Islands, USA, Germany, Nepal, Afghanistan, and various countries in East Africa. She has a professional interest in austere surgical practice and innovation. Her interest in the field of human augmentation was in response to Human Augmentation – The Dawn of a New Paradigm, a document published by the MOD in 2021. As an orthopaedic surgeon, she is well used to the current means by which clinicians augment their patients to restore function and relieve pain. However, the potential to use human augmentation beyond these means and purposes has inspired her to look critically at the claims made by many proponents in the field and to ask not just whether we can augment humans on and off the battlefield, but whether we should.

Professor Andrew Morris CBE

Director, Health Data Research UK



Professor Andrew Morris CBE became the inaugural Director of Health Data Research UK in August 2017, the UK's national Institute for health data science. He is seconded from his position as Professor of Medicine, and Vice Principal of Data Science at the University of Edinburgh, having taken up position in August 2014. Prior to this Andrew was Dean of Medicine at the University of Dundee. Andrew became the President of the Academy of Medical Sciences in March 2024. Andrew was Chief Scientist at the Scottish Government Health Directorate (2012–2017) and has served and chaired numerous national and international grant committees and Governmental bodies.

Dr Matt Newport

Consultant Anaesthetist



Dr Matthew Newport is a consultant in anaesthesia and prehospital emergency medicine based in the North West of England.

As a trainee Matt was easily distracted and became quite proficient at causing headaches for the Deanery, often vanishing with little notice and not sending postcards. For better or worse this has continued as a consultant.

With previous time working in Pakistan, Malaysia, Afghanistan, Namibia, Tanzania, Sierra Leone and Ukraine Matt most recently spent 6 months of 2024 in Gaza working for UK-Med.

Professor David J. O'Regan



Consultant cardiac surgeon in Leeds Teaching Hospitals Trust 2001 –2022. 1) Yorkshire Heart Centre Wetlab – raised £60 000.00 to establish a state-of-the-art skills centre. 2) SCTS approved 'PAR Course' have been running for 23 years 3) Black Belt Academy of Surgical Skills – www.BBASS.org has global following 4) Director of the Faculty of Surgical Trainers the RCSEd 2019 – 2022. 5) Silver Scalpel Award since 1999 to date- to identify the Best Surgical Trainer in the UK. 6) Visiting Professor Imperial College – 2020 to 2023 with the online Masters in Surgical Education Program.

Dr Rhodri D. Phillip OBE

Consultant in Rehabilitation Medicine and Rheumatology



Trained in the army and became a consultant in 2008, taking on one of the complex trauma teams at DMRC Headley Court. Progressed to clinical lead for the service and was involved in many initiatives including osseointegration, novel orthotics and exoskeleton use. Chaired the military genital injury service and was involved in multiple research initiatives involving trauma care. Longstanding history of working in multi-disciplinary teams across multiple specialties, learning from my colleagues along the way and hopefully improving outcomes as a result. Progressed to Clinical Director of DMRC Headley Court and then Stanford Hall, leading the clinical team through that move and their response to the COVID pandemic. Retired from military service in 2021 and have worked in private healthcare since in a range of roles. Very honoured as a non-surgeon to have been asked to come and speak to you all.

Miss Emma Stapleton

Consultant Otolaryngologist and Auditory Implant Surgeon, Manchester Royal Infirmary



Emma has been Consultant ENT Surgeon since 2018. She is a founding member of the RCSEd surgical mentoring programme and has completed a certificate in coach and mentor supervision. She particularly enjoys mentoring high-achieving surgical trainees, and believes that mentorship is a tool for all surgeons, to unravel their potential.

Mr John V. Taylor

Consultant Trauma and Emergency Surgeon



Mr John Taylor is a Consultant Trauma & Emergency Surgeon at Aintree University Hospital in Liverpool. He graduated from Liverpool University in 1993 and completed surgical training in General and Vascular Surgery on Merseyside as well as a research fellowship in the USA at the Price Institute, University of Louisville, Kentucky. This period of research led to the award of the ChM degree from the University of Liverpool after submitting a thesis focused on Trauma Immunology. From 2007 to 2014 Mr Taylor was a Consultant Vascular Surgeon at the North Devon District Hospital before returning to Aintree to take up an appointment focused on acute surgical care and trauma. Mr Taylor remains linked to the University as an Honorary Senior Lecturer and Curriculum lead for Acute Surgery. In his spare time, he trains in Shotokan Karate, holding a 5th Dan Black Belt and 3rd Dan in Ryukyu Kobudo (Okinawan Weapons).

Professor Stella Vig

National Medical Director for Secondary Care | Consultant
Vascular/General Surgeon



Stella is a Vascular and General Consultant Surgeon based at Croydon University Hospital.

Her passion is driving innovation in patient care and education. Appointed as the National Medical Director for Secondary Care whilst continuing as National Clinical Director of Elective Care enables her to influence change across the healthcare system.

Having worked extensively in clinical education, Stella has gained wide experience of teaching postgraduate clinicians and allied professionals. She is dedicated to optimising healthcare service quality, standards of care and clinician capabilities. A strategic and innovative thinker; she delivers a fresh, independent perspective and an inquiring mind.

Stella is proud to have received the Silver Scalpel Award ASIT (2018) and London NHS Leadership Academy Mentor of the Year (2015) and to have served as Council Member of the Royal College of Surgeons of England. Stella brings an excellent portfolio of research and publications.

Professor Kenneth Walker

Professor of Innovation in Surgical Education



Kenneth Walker is Professor of Surgical Education and co-director of the Surgical Education Research and Innovation Lab (SERI Lab) at RCSEd and NHS Highland. His group has experience developing simulation-based and workplace-based training modalities, and evaluating them; for example, holistic Surgical Boot Camps, the Scottish Core Surgical Simulation Strategy, take-home deliberate practice programmes, a blended consultation skills training programme (“COSMOS”), and “iView Expert” (understanding experts’ mental models through video-cued recall and debrief). During the last 20 years as a colorectal and general surgeon in Inverness, Ken has held a series of deanery roles supporting trainees. Previously, he trained and served in the UK, Australia and Nepal. He volunteers with surgical education teams in Nepal and in the Palestinian Territories, and he co-leads the RCSEd NOTSS International Courses group.

Mr David Wightwick CMG

CEO UK Med



David Wightwick CMG is the CEO of the humanitarian medical NGO, UK-Med, which he first joined in 2018. Beginning his career as an aid worker in Kosovo with International Medical Corps, he has led and managed humanitarian responses to complex crises for Save the Children, the World Health Organization, Merlin, and GOAL. A leader by example, David has spent the majority of the first six months of the year in the Gaza Strip as UK-Med Team Lead, overseeing the construction of two field hospitals, surgical support for Gaza's hospitals, and coordinating the expansion of UK-Med's humanitarian response, which has so far treated nearly 200,000 people.

Professor Andrew Murray

Group Chief Medical and Scientific Officer- European Tour Group
Sport and Exercise Medicine- University of Edinburgh



Andrew is perhaps best known as a runner, having won 14 international marathons/ ultramarathons, and running 4300 km from far north Scotland to the Sahara desert. He now works to maximise health and performance, having supported medical care at Olympic, Paralympic and Commonwealth Games and working for the Scottish Government. Currently he serves at the Chief Medical and Scientific Officer for the European Tour Group- responsible for their global medical strategy, research and development and operations. An established leader in health and performance he is a consultant to IMG, The R&A, P54, and the University of Edinburgh etc. He was awarded the UK Prime Ministers Points of Light Award.

Professor Steven Yule

Chair of Behavioural Sciences, University of Edinburgh & Director of Non-Technical Skills RCSEd



Professor Steven Yule is Chair of Behavioural Sciences at the Usher Institute, University of Edinburgh where he leads the Surgical Sabermetrics Laboratory within the Centre for Medical Informatics. He is also Programme Director of the MSc in Patient Safety and Clinical Human Factors within Edinburgh Surgery Online, and Faculty Director of Non-Technical Skills at RCSEd. Prof. Yule is an academic psychologist and human factors scientist. He has extensive experience studying team performance across industrial sectors, including healthcare, energy, transportation, space exploration, and elite athletics. Current work includes automating assessments of technical and team skills, embedding video and sensors to measure clinical expertise, and translating performance analytics from professional sports to enhance surgical performance in low, middle and high resource contexts.

Mrs Kiran Mazumdar-Shaw

RCSEd Regent & Chairperson, Biocon Group



Mrs Kiran Mazumdar-Shaw is a pioneering biotech entrepreneur, a healthcare visionary, a global influencer and a passionate philanthropist. She is a pioneer of India's biotech industry and founder of Biocon. She is the proud recipient of two of India's highest civilian honours, the Padma Shri (1989) and Padma Bhushan (2005). She has been conferred with the EY World Entrepreneur of the Year™ 2020 Award, which is a testimony to her entrepreneurial journey of over four decades. She has also been appointed as the Vice Chair of the U.S.-India Business Council in 2021. She has many other international accolades to her credit including the Order of Australia, Australia's Highest Civilian Honour in 2020, the highest French distinction – Knight of the Legion of Honour in 2016 and Othmer Gold Award 2014. She serves on the board of Pure-Tech Health, USA, Memorial Sloan Kettering Cancer Centre, USA, and Narayana Health, and Trent, India, apart from holding key positions in various industry, educational, government and professional bodies globally.

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