



24 October 2013

Macdonald Burlington Hotel, Birmingham

Faculty of Surgical Trainers Annual Meeting **Playing for Real – Simulation in Surgical Training**



FACULTY OF SURGICAL TRAINERS
THE ROYAL COLLEGE
OF SURGEONS OF
EDINBURGH

FROM HERE, HEALTH



WITH THANKS TO OUR SPONSOR

Johnson & Johnson

MEDICAL COMPANIES

The Faculty of Surgical Trainers

The Faculty of Surgical Trainers is a new venture set up by RCSEd to support surgical trainers and to promote and maintain high standards in surgical training. The FST aims to listen to what it is that surgeons believe constitutes excellence in training, and assist you as a trainer in achieving and maintaining excellence through education, discussion and standard – setting.

This is the second annual meeting of the Faculty. Our first meeting was held last year in Edinburgh, and looked at how we may change surgical training programmes. We had an excellent speaker line up last year, with Professor Richard Reznick as our keynote speaker.

The Faculty is open to all surgeons with an interest in training. It is open to trainees and consultants, regardless of college affiliation. Those interested in surgical training can join as Associates of the Faculty. Individuals who have an active role and participation in training can choose to apply for either Membership or Fellowship of the Faculty. Members and Fellows are entitled to use the post-nominals MFSTEd or FFSTEd.

For further information visit www.rcsed.ac.uk/fst

Faculty of Surgical Trainers Annual Meeting

CONVENOR

Mr Craig McIlhenny, Surgical Director, Faculty of Surgical Trainers, The Royal College of Surgeons of Edinburgh

TARGET AUDIENCE

All Consultant Surgeons and Specialty Trainees with an interest in surgical training

FEES

£125.00 Full fee

£100.00 RCSEd Member/Fellow

£85.00 FST Member

OVERVIEW

Surgical simulation is a current hot topic, with the JCST implementing simulation into the curricula of all surgical specialties. The surgical training landscape is continuing to change and evolve, and simulation will be embedded into training programmes in the very near future.

With this in mind, the Faculty of Surgical Trainers has brought together world experts on simulation from the surgical training world and elsewhere. This meeting will address how simulation can be used to enhance both technical and non-technical performance in surgery. The meeting will enable you to hear expert opinions, but with practical real world examples from the world of simulation.

As a trainer you will need to gain familiarity with the theory and practice of simulation within your training programme. This meeting will enable you to see the state-of-the-art in simulation, from a theoretical, educational and practical viewpoint. You will have a better understanding of what simulation is capable of, what is being achieved and practiced currently in training using simulation, and find out how simulation can be used to improve you as a surgical trainer.

24 October 2013

The Macdonald Burlington Hotel, Birmingham

Programme

PLENARY SESSION

08.15 Registration and Coffee

09.00 Welcome, **Mr Ian Ritchie President, RCSEd**

09.15 *The Essential Role of Simulation in Surgical Education – Keynote Lecture, Dr Douglas Smink*

10.00 *Simulation in Commercial Aviation, Captain David Rowland*

10.30 *From Simulation to Education: Skills, Rules and Knowledge, Dr Mark Wentink*

11.00 Coffee Break (Poster Display)

11.30 *Development of a Curriculum Around Surgical Simulation, Professor Oscar Traynor*

12.00 *Real World Surgical Simulation Surgical Boot Camp, Professor Ken Walker*

12.20 *Real World Surgical Simulation Pop-Up Operating Theatre, Dr Fernando Bello*

12.40 Lunch (Poster Display)

13.30 *Faculty of Surgical Trainers Update, Mr Craig McIlhenny*

13.45 *Simulation and TEL in Surgery: Development in the UK, Professor Pramod Luthra*

14.30 *A Program for Operating Room Team Training, Dr Douglas Smink*

15.00 Coffee Break (Poster Display)

15.30 Free Paper Session X 10 @ 9 mins, **Chair: Mr Craig McIlhenny**

17.00 Award of Poster Prize, **Mr Ian Ritchie President, RCSEd**

Close

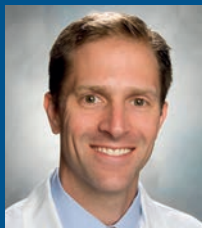
RCSEd Awarded 6 Hours of CPD

MEETING SPONSORED
WITH AN EDUCATIONAL
GRANT BY


MEDICAL COMPANIES

Exhibitors from surgical simulation companies will be demonstrating current state-of-the-art surgical simulation technology at this Meeting.

FROM HERE, HEALTH



DR DOUGLAS SMINK
Assistant Professor in
Surgery at Harvard Medical
School



DR FERNANDO BELLO
Reader in Surgical Graphics
& Computing in the
Department of Surgery and
Cancer at Imperial College
London



**PROF PRAMOD K
LUTHRA**
Associate Post Graduate
Dean & Consultant Hand
and Plastic Surgeon



MR CRAIG MCILHENNY
Surgical Director, Faculty
of Surgical Trainers, RCSEd
(Convenor)



MR IAN RITCHIE
President, RCSEd



**CAPTAIN DAVID
ROWLAND**
Former Concorde Pilot
and Training Captain,
British Airways



PROF OSCAR TRAYNOR
Director of the National
Surgical Training
Centre and Professor of
Postgraduate Surgical
Education at the Royal
College of Surgeons
in Ireland (RCSI)



PROF KENNETH WALKER
Director of Highland
Surgical Boot Camps,
Colorectal & General
Surgeon



DR MARK WENTINK
Director of Simendo

Speakers' Biographies

DR DOUGLAS S. SMINK – KEYNOTE SPEAKER

Dr Douglas S. Smink, MD, MPH is an Assistant Professor in Surgery at Harvard Medical School and a Minimally Invasive General Surgeon at Brigham and Women's Hospital. At Brigham and Women's, Dr Smink is the Program Director of the General Surgery Residency and the Associate Medical Director of the Neil and Elise Wallace STRATUS Center for Medical Simulation. Dr Smink is involved in surgical education nationally, serving as a member of the editorial board of SCORE (Surgical Council on Resident Education). He is also the editor of Weekly Curriculum, a curriculum for surgery residents published by 'ACS Surgery', and is the associate editor of the 'Journal of Surgical Education'.

DR FERNANDO BELLO

Dr Fernando Bello is a Reader in Surgical Graphics and Computing in the Department of Surgery and Cancer at Imperial College London. His main research interests are in modelling and simulation, medical virtual environments and haptic interaction. His work spans technology and education, including development of patient specific simulation, e-learning applications for a number of surgical procedures, and exploring the integration of simulation and context. He has published widely in technological, as well as, medical and educational journals.

Dr Bello is involved in several simulation-based training programmes in the UK and abroad, is co-director of Imperial's MSc in Surgical Technology, and leads a module in technology and simulation in the UK's only Masters in Education in Surgical Education.

PROFESSOR PRAMOD K LUTHRA

Professor Pramod K Luthra is a Consultant Hand and Plastic Surgeon at Pennine Acute NHS Trust. He holds the position of Associate Postgraduate Dean, North Western Deanery, Health Education North West and Visiting Professor at Manchester Metropolitan University and Edge Hill University, Ormskirk, West Lancashire. As a Member of the JCST Simulation working group, he has worked on promoting inclusion of simulation-based learning and education into the surgical curriculum and on Faculty development to provide learning in simulation. He is also a Member of the Board of North West Simulation Education Network and Lead for the North Western Deanery for simulation-based education in the Deanery. Professor Luthra developed the Technology Framework wheel for the Department of Health publication, 'A Framework for Technology Enhanced Learning'. He has developed and teaches on a taught programme which leads to a Postgraduate Certificate in Simulation and Clinical Education at Edge Hill University and is developing a module on Technology

Speakers' Biographies

Enhanced Learning for a Masters programme on Academic Practice at Manchester Metropolitan University.

MR CRAIG MCILHENNY

Mr Craig McIlhenney is a Consultant Urologist working in NHS Forth Valley. He has had a long interest in surgical education and training. He has a subspecialty practice in stone disease, and particular interests in human factors and assessment in surgery. He was appointed founding Surgical Director of the Faculty of Surgical Trainers in 2011.

MR IAN RITCHIE

Mr Ian Ritchie is President of The Royal College of Surgeons of Edinburgh and a Consultant Trauma and Orthopaedic Surgeon at Stirling Royal Infirmary. He previously held the position of Vice-President for External Affairs at the College, from 2009 to 2012, and has Chaired the International Strategy Group, the Exams Strategy Group and acted as co-Chair of the Trainee Committee. He has a strong interest in training and supporting trainers and has delivered courses on training techniques and the principles of adult learning since 1996. He also introduced and directed the College's Regional Surgical Adviser Network.

CAPTAIN DAVID ROWLAND

Captain David Rowland joined BOAC (later British Airways) in 1969 as a co-pilot/navigator on VC10 aircraft. He joined the Concorde fleet as a co-pilot in 1976. Having left Concorde to obtain his command on BAC 1-11 aircraft, he became a Training Captain and Skills

Examiner. He returned to Concorde as a Captain and Flight Manager of the fleet, later becoming Concorde Commercial Manager and then General Manager, combining operational and commercial responsibilities, while continuing to fly regularly and maintaining his involvement with training at a senior level. Captain Rowland's training background involving aircraft and simulator training includes responsibilities for training standardisation, as well as, the training of other trainers. He was also a member of a small core team within British Airways that designed and delivered a leading-edge 'crew on the flight-deck' based behavioural, leadership and team skills training programme in which all 3,500 flight-deck crew members in the company were required to take part. He retired from British Airways in 1999. Captain Rowland is a Fellow and Past-President of the Royal Aeronautical Society (2008–09). He is also a Fellow of the Royal Institute of Navigation and a Liveryman of the Guild of Air Pilots and Air Navigators.

PROFESSOR OSCAR TRAYNOR

Professor Oscar Traynor is Director of the National Surgical Training Centre and Professor of Postgraduate Surgical Education at the Royal College of Surgeons in Ireland (RCSI). He is also a consultant surgeon at St. Vincent's University Hospital, Dublin, Ireland and Director of the National Liver Transplant Programme for Ireland. As Director of the National Surgical Training Centre at RCSI, he has been responsible for introducing several innovations to surgical training in Ireland including the world's first

e-learning programme for surgical trainees, a comprehensive curriculum based surgical simulation programme for teaching technical skills and an integrated human factors training programme. He has developed a comprehensive assessment process for surgical trainees (Competence Assessment and Performance Appraisal) which is now used for all surgical specialties in Ireland. He has published widely on various aspects of surgical training and has also lectured extensively on the subject of Human Factors in Surgery in Europe, Australia and in the United States. His clinical interests are based around hepatobiliary and pancreatic surgery, including liver transplantation. He heads up a very busy HPB surgery unit at St. Vincent's University Hospital in Dublin. He played a leading role in developing the National Liver Transplant Programme in Ireland in the early 1990s. The HPB unit at St. Vincent's University Hospital in Dublin is the sole national tertiary referral centre for Liver Transplantation and for Pancreas Cancer surgery in Ireland.

PROFESSOR KENNETH WALKER

Professor Kenneth Walker is a Colorectal and General Surgeon in Inverness and an Associate Postgraduate Dean in the North of Scotland. He graduated from Aberdeen, completed Surgical Training and a research MD in Glasgow, and a fellowship year in Sydney. For a year and a half he was a GI Surgeon and Trainer in Nepal, before 'settling down' to a Consultant post in Inverness. A growing interest in Surgical Training has taken him through roles as Educational

Supervisor and Associate Postgraduate Dean, and into development of simulation in clinical training. He directs Highland Surgical Boot Camps, a simulation-rich, technical and non-technical course for Core Trainees. Professor Walker now chairs the Scottish Surgical Simulation Collaborative, a bi-collegiate group with close ties to NHS Education for Scotland and various Skills Centres, which aims to help integrate simulation into training programmes in Scotland. Research and validation projects arise from this, so the University of Stirling have recently awarded him an Honorary Chair of Surgical Training, and he supervises two research fellows.

DR MARK WENTINK

As Co-owner and Director of Technology of two simulator companies, Simendo Ltd. and Desdemona Ltd, Dr Mark Wentink has a wide experience in the field of applied simulation for research, training and education. At Simendo Ltd, he is responsible for research and development of training solutions in surgery and at Desdemona Ltd, he operates a unique motion simulator for (military) pilot training and perception research. Dr Wentink received his Master of Science Degree at Aeronautical Engineering working on flight simulation at the Delft University, and obtained his PhD-degree 'cum laude' with a thesis entitled: 'Hand-eye coordination in minimally invasive surgery: Theory, practice & training'. In this thesis the scientific basis was established for what later became the Simendo simulator and its educational philosophy.



Faculty of Surgical Trainers Annual Meeting

24 October 2013

Application Form

Name: *(please use block capitals)*

Date of birth:

Title:

Hospital:

Address for correspondence:

Telephone:

Email:

Special dietary requirements:

Fees: ☐ £125 Full fee ☐ £100 RCSEd Member/Fellow

☐ £85 FST Member

Cheques to be made payable to: HSET

Kylie Beck

Courses and Events Co-ordinator

The Royal College of Surgeons of Edinburgh

Nicolson Street

Edinburgh, EH8 9DW

Direct Line: +44 (0) 131 668 9237

Email: k.beck@rcsed.ac.uk

Booking on-line: www.rcsed.ac.uk (*Please note a cancellation fee applies)

Card type: Mastercard / Visa / Maestro *(please circle)*

Name on card:

Card No:

Issue Date:

Sec code or last 3 digits:

Expiry Date:

Issue No:

Signature:

* Please note that a £35 cancellation charge applies. If cancellation occurs within the 4 weeks leading up to the Meeting, the College reserve the right to retain the full fee paid. In the unlikely event that the College have to cancel this Meeting, the full Meeting fee will be refunded but the College hold no further liability and we therefore advise that you do not book travel until 4 weeks prior to the event.

Training the Trainers - Using Procedure based Assessment Effectively

Aimed at Training Programme Directors, Consultant Trainers and Senior Trainees from all Surgical Specialties, this one day course explores Procedure Based Assessments (PBA) as a valuable and well-designed tool to overcome the problems of competence assessment in the surgical workplace. It is hoped that through this workshop, Trainers and Trainees will benefit from using the tool in the right way and establish models of good practice.



THE ROYAL COLLEGE
OF SURGEONS OF
EDINBURGH

23 October 2013

Macdonald Burlington
Hotel, Birmingham

10am – 2pm

For further information about
this course or to book visit
www.rcsed.ac.uk or email
education@rcsed.ac.uk

RCSEd Regional Forum

As part of RCSEd's Regional Surgical Advisers (RSAs) Network, the President along with Office Bearers and Council Members have been hosting Regional Forums around the United Kingdom, giving the membership the opportunity to discuss current issues affecting the surgical profession. These include training surgeons for the future needs of the NHS, outcomes and revalidation, patient advocacy, and 'Aspiring Surgeons' (a careers session for students and FYs).



THE ROYAL COLLEGE
OF SURGEONS OF
EDINBURGH

23 October 2013

Education Centre,
Queen Elizabeth
Hospital, Birmingham

6pm – 9.30pm

If you are interested in
booking your place to attend
the Birmingham Regional
Forum, or finding out more
about our forthcoming
Regional Forums in your area,
contact:

outreach@rcsed.ac.uk
or telephone **0131 668 9202**