13th and 14th September 2018
MShed, Princes Wharf, Wapping Rd, Bristol, BS1 4RN

The IDEAL Conference 2018: No innovation without evaluation

Day 1: Thursday 13 September 2018

1: Innovation and evaluation in surgery

10:30  Registration
       Refreshments

11:00  Welcome, introduction and chair of morning session
       Professor Jane M. Blazeby, Professor of Surgery, University of Bristol, UK

11:10  The importance of scientific evaluation of innovation
       Professor Chris Whitty, Government Chief Scientific Adviser, UK

11:25  Real life innovation: two case studies (discussant: Professor Peter McCulloch)

A surgeon’s experience
Mr Gianluca Casali, Consultant Thoracic Surgeon, University Hospitals Bristol NHS Foundation Trust, Bristol, UK

A patient’s experience

12:15  Twenty years of vaginal mesh device equivalence and the problems it has caused
       Professor Carl Heneghan, Professor of Evidence-Based Medicine and Director of the Centre for Evidence-Based Medicine, University of Oxford, UK

12:45  Using IDEAL in health technology assessment
       Dr Tammy Clifford, Chief Scientist and Vice-President, Evidence Standards, Canadian Agency for Drugs and Technologies in Health, Canada

13:15  Lunch and poster viewing

2: Ethical and legal frameworks of innovation: what they are and what they should be

14:00  Introduction and chair of afternoon session
       Professor Richard Huxtable, Professor of Medical Ethics and Law, University of Bristol
14:10  **Identifying surgical innovation in real time: a pilot study**  
Professor Wendy Rogers, Professor of Clinical Ethics, Department of Philosophy and Department of Clinical Medicine, Macquarie University, Australia. (Second author: Dr Brett Blakeley, Research Fellow, Australian Institute for Health Innovation, Macquarie University, Australia).

14:40  **Legal aspects of informed consent for innovative procedures and surgery**  
Professor José Miola, Professor of Medical Law, University of Leicester, UK

### 3. Parallel sessions: Practical aspects of studying surgical innovation

*Refreshments will be available throughout the workshops*

15:10  **A. Recruitment:** communicating clinical equipoise to optimise informed consent and participation in RCTs
- Dr Leila Rooshenas, Lecturer in Qualitative Health Science, University of Bristol, UK
- Dr Marcus Jepson, Lecturer in Qualitative Health Science, University of Bristol, UK
- Professor Andrew Carr, Nuffield Professor of Orthopaedic Surgery, University of Oxford, UK
- Professor David Beard, Professor of Musculoskeletal Sciences, University of Oxford, UK

15:10  **B. IDEAL in action:** a practical guide to using IDEAL in interpreting, designing and reporting research
- Professor Peter McCulloch, Professor of Surgical Science and Practice, University of Oxford, UK
- Allison Hirst, IDEAL Collaboration Project Manager and Researcher, Nuffield Department of Surgical Sciences, University of Oxford, UK
- Mr Barry Main, NIHR Clinical Lecturer, Oral and Maxillofacial Surgery, University of Bristol, UK
- Dr Asha Khachane, Surgical Registrar and Research Fellow, University of Oxford, UK

15:10  **C. Deviations from treatment protocols in surgical trials: how can they be measured and what can we learn about treatment effects when they are present?**
- **Chair:** Professor Marion Campbell, Professor of Health Services Research, University of Aberdeen, UK
  i. Miss Natalie Blencowe, NIHR Clinical Lecturer, Surgery, University of Bristol, UK
  ii. **What counts as compliance to the allocation in surgical trials?** Professor Jonathan Cook, Associate Professor, Clinical Trials Research Unit, University of Oxford, UK
  iii. **Beyond ITT: how can we estimate per-protocol effects in surgical trials?** Professor Jonathan Sterne, Professor of Medical Statistics and Epidemiology, University of Bristol, UK

### 4. Key note: An exemplar IDEAL stage 3 study

16:30  **Development and randomised evaluation of robotic surgery for rectal cancer**  
Professor David Jayne, Professor of Surgery and Honorary Consultant, University of Leeds, UK

17:15  **Summary and close of Day 1 (Jane Blazeby)**

19:00  **Conference Dinner:** SS Great Britain, Great Western Dockyard, Gas Ferry Rd, Bristol BS1 6TY
Day 2: Friday 14 September 2018

5. Randomised controlled trials in surgery

09:00 Welcome, introduction and chair of morning session
Professor Peter McCulloch, Professor of Surgical Science and Practice, University of Oxford, UK

09:10 The future of surgery and innovation
Richard Kerr, Consultant Neurosurgeon, Oxford Radcliffe Hospitals NHS Trust

09:30 Debate and live voting: “Surgical RCTs – not always needed?”
Chair: Professor Andrew Carr, Nuffield Professor of Orthopaedic Surgery, University of Oxford, UK
For:
• Professor Richard Lilford, Professor of Public Health, University of Warwick
• Professor Art Sedrakyan, Professor of Healthcare Policy and Research and Surgery, Weill Cornell Medical College and Vice-Chair, IDEAL Collaboration
• Patient representative
Against:
• Professor Marion Campbell, Professor of Health Services Research, University of Aberdeen
• Professor David Jayne, Professor of Surgery and Honorary Consultant, University of Leeds, UK
• Patient representative

10:45 Refreshments

6. Early phase evaluation of surgical interventions and devices

11:00 Towards early evaluation of surgical innovations using an integrated approach: The SURGE Study
Professor Maroeska Rovers, Professor of Evidence Based Surgery, Radboud University, The Netherlands

11:30 Methods for transparent, safe and efficient surgical innovation: The Surgical Innovation Theme of the Bristol Biomedical Research Centre
Professor Ashley Blom, Professor of Orthopaedic Surgery and Head of Translational Health Sciences, University of Bristol, UK and Professor Jane Blazeby, Professor of Surgery, University of Bristol, UK

12:10 MHRA and regulation of devices and surgical procedures
Professor Sir Michael Rawlins, Chair, Medicines and Healthcare Products Regulatory Agency, UK

12:30 Lunch and poster viewing
7. Parallel sessions: new findings and new ideas

13:15  Oral presentations: The Evaluation of Innovation  
Chair: Professor Peter McCulloch, University of Oxford, UK  
Up to 8 research talks and time for questions and discussion – submit abstracts via: Oxford Abstracts by 29 June 2018

13:15  Discussion and debate: A surgical sandpit to develop IDEAL studies de novo  
Chair: Professor Jane Blazeby, University of Bristol, UK  
Up to 4 research ideas to be presented, debated and designed into early phase IDEAL studies - submit abstracts via: Oxford Abstracts by 29 June 2018

14:55  Refreshments

8. Reporting innovation

15:15  The need for transparent and mandated outcome reporting for surgical innovation  
Professor Martin Elliott, Professor of Paediatric Cardiothoracic Surgery, University College London, UK

15:45  Summary and close of Day 2  
Professor Jane M. Blazeby, Professor of Surgery, University of Bristol, UK

16:00  Close