

13<sup>th</sup> and 14<sup>th</sup> 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
- 15:10 Refreshments**

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

- 15:30**
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| <p><b>A. Recruitment: communicating clinical equipoise to optimise informed consent and participation in RCTs</b></p> <ul style="list-style-type: none"> <li>• Dr Leila Rooshenas, Lecturer in Qualitative Health Science, University of Bristol, UK</li> <li>• Dr Marcus Jepson, Lecturer in Qualitative Health Science, University of Bristol, UK</li> <li>• Professor Andrew Carr, Nuffield Professor of Orthopaedic Surgery, University of Oxford, UK</li> <li>• Professor David Beard, Professor of Musculoskeletal Sciences, University of Oxford, UK</li> </ul> | <p><b>B. IDEAL in action: a practical guide to using IDEAL in interpreting, designing and reporting research</b></p> <ul style="list-style-type: none"> <li>• Professor Peter McCulloch, Professor of Surgical Science and Practice, University of Oxford, UK</li> <li>• Allison Hirst, IDEAL Collaboration Project Manager and Researcher, Nuffield Department of Surgical Sciences, University of Oxford, UK</li> <li>• Mr Barry Main, NIHR Clinical Lecturer, Oral and Maxillofacial Surgery, University of Bristol, UK</li> <li>• Dr Asha Khachane, Surgical Registrar and Research Fellow, University of Oxford, UK</li> </ul> | <p><b>C. How to define, measure and deal with fidelity and crossover in RCTs in surgery</b></p> <ul style="list-style-type: none"> <li>• Professor Jonathan Sterne, Professor of Medical Statistics and Epidemiology, University of Bristol, UK</li> <li>• Professor Jonathan Cook, Associate Professor, Clinical Trials Research Unit, University of Oxford, UK</li> <li>• Miss Natalie Blencowe, NIHR Clinical Lecturer, Surgery, University of Bristol, UK</li> <li>• Professor Marion Campbell, Professor of Health Services Research, University of Aberdeen, UK</li> </ul> |
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### 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

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| 13:15 | <b>Oral presentations: The Evaluation of Innovation</b><br><b>Chair:</b> Professor Peter McCulloch, University of Oxford, UK<br>Up to 8 research talks and time for questions and discussion – submit abstracts via: <a href="#">Oxford Abstracts</a> by 29 June 2018 | <b>Discussion and debate: A surgical sandpit to develop IDEAL studies de novo</b><br><b>Chair:</b> Professor Jane Blazeby, University of Bristol, UK<br>Up to 4 research ideas to be presented, debated and designed into early phase IDEAL studies - submit abstracts via: <a href="#">Oxford Abstracts</a> by 29 June 2018 |
| 14:55 | <b>Refreshments</b>   |  |

## 8. Reporting innovation

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| 15:15 | <b>The need for transparent and mandated outcome reporting for surgical innovation</b><br>Professor Martin Elliott, Professor of Paediatric Cardiothoracic Surgery, University College London, UK |
| 15:45 | <b>Summary and close of Day 2</b><br>Professor Jane M. Blazeby, Professor of Surgery, University of Bristol, UK   |
| 16:00 | <b>Close</b>  |