



# The IDEAL Collaboration

Idea, Development, Exploration, Assessment, Long-term follow-up

## IDEAL International Conference 2017

### Research, Regulation, and Reimbursement in Surgery and Technologies

**When and where: May 4<sup>th</sup>-5<sup>th</sup> 2017, New York Academy of Medicine,  
New York City**

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- Learn about the latest developments in the scientific methodology for investigating new surgeries and medical devices
- Hear internationally renowned surgical researchers discussing innovation and evaluation in multiple clinical areas
- Present your research on innovations in surgery and therapeutic technology to an international audience of clinicians, scientists, manufacturers and regulators
- Learn about IDEAL pathways for innovation in medicine and perspectives on regulation and reimbursement
- IDEAL as EBM framework in surgery, device innovation and interventional care

Promoting innovation and evaluation in modern surgery and other invasive technologies including implants is one of the main challenges in healthcare. IDEAL is a development of Evidence Based Medicine approach designed to provide practical solutions to the real problems of surgery, devices and other complex therapies where randomised trials are often problematic. The second IDEAL international conference will focus on the hottest topics in surgical/interventional care in various clinical areas and celebrate the continuing work of the IDEAL Collaboration. The conference will provide real-world context and a wide variety of perspectives including surgeons, methodologists, professional societies, industry, regulators, ethicists, and payers. Plenary lectures will be intermixed with parallel educational sessions and opportunities for surgeons and scientists to discuss hot topics in surgery, devices and present their own innovative work.

**Registration is now open at [www.ideal-conference2017.com](http://www.ideal-conference2017.com). For further information, contact: [information@ideal-conference2017.com](mailto:information@ideal-conference2017.com) or visit [www.ideal-collaboration.net](http://www.ideal-collaboration.net)**

**Abstract submission will open soon. Abstracts should be prepared with reference to the IDEAL stage which applies to the study, including a short discussion of future study directions within the IDEAL framework (see background readings). Abstracts will be accepted in a wide variety of clinical areas, including but not limited to urology, orthopaedics, vascular surgery, abdominal surgery, and cardiothoracic surgery.**

## IDEAL Background Readings:

- [Evaluation and stages of surgical innovations](#). Barkun et al, 2009. Lancet.
- [No surgical innovation without evaluation: the IDEAL recommendations](#). McCulloch et al, 2009. Lancet.
- [IDEAL-D: a rational framework for evaluating and regulating the use of medical devices](#). Sedrakyan et al, 2016. BMJ.
- [Challenges in evaluating surgical innovation](#). Ergina et al, 2009. Lancet.
- [IDEAL framework for surgical innovation 1: the idea and development stages](#). McCulloch et al, 2013. BMJ.
- [IDEAL framework for surgical innovation 2: observational studies in the exploration and assessment stages](#). Ergina et al, 2013. BMJ.
- [IDEAL framework for surgical innovation 3: randomised controlled trials in the assessment stage and evaluations in the long term study stage](#). Cook et al, 2013. BMJ.
- [Practical guide to the Idea, Development and Exploration stages of the IDEAL Framework and Recommendations](#). Pennell et al, 2016. Br J Surg.

## Early Confirmed Speakers (January 26, 2017):

- **Murray Sheldon**, MD, Associate Director for Technology and Innovation, FDA
- **Vipul Patel**, MD, Medical Director, Global Robotics Institute, Celebration, FL
- **Binita Ashar**, MD, Director, Division of Surgical Device, Office of Device Evaluation, FDA
- **Joel Horovitz**, MD, Vice Chair of Surgery, Maimonides Medical Center
- **Andrew Carr**, MD, Head of Rheumatology and Musculoskeletal Sciences, University of Oxford
- **Danica Marinac-Dabic**, MD, PhD, Director, Division of Epidemiology, FDA
- **Jesse Berlin**, ScD, Vice President and Global Head, Epidemiology, Johnson & Johnson
- **Art Sedrakyan**, MD, PhD, Professor of Healthcare Policy and Research, Weill Cornell Medicine
- **Ajit Sachdeva**, MD, Director, Division of Education, American College of Surgeons
- **Peter McCulloch**, MD, Professor of Surgical Science and Practice, University of Oxford
- **Philipp Dahm**, MD, Professor of Urology, University of Michigan
- **Bruce Campbell**, MD, Director Medicines & Healthcare Products Registry Agency (MHRA, UK)
- **Tammy Clifford**, PhD, Vice-President, Medical Device & Rapid Response Programs, CADTH, CA
- **Mitchell Roslin**, MD, Professor, Hofstra Northwell School of Medicine
- **Jack Cronenwett**, MD, Chair of Vascular Surgery, Dartmouth-Hitchcock
- **Kazuhiro Sase**, MD, PhD, Professor, Juntendo University and PMDA, Japan
- **Martin Björck**, MD, Professor of Vascular Surgery, Uppsala University Hospital, Sweden
- **Philip Goodney**, MD, Associate Professor of Surgery, The Dartmouth Institute
- **Sean Tunis**, MD, President and CEO, Center for Medical Technology Policy, Baltimore, MD
- **Jim Hu**, MD, Ronald Lynch Professor of Urologic Oncology, Weill Cornell Medicine
- **Jeffrey Milsom**, MD, Chief of Colon and Rectal Surgery, NewYork-Presbyterian
- **Jeffrey Levy**, MD, Founder and CEO, Case Network
- **Martin Martino**, MD, Medical Director, Minimally Invasive Robotic Surgery, Lehigh Valley
- **William Murray**, President and CEO, Medical Device Innovation Consortium
- **Dawn Bardot**, PhD, Vice President, Technology Innovation, MDIC
- **David Beard**, MD, Professor of Musculoskeletal Sciences, University of Oxford
- **Roberto Bergamaschi**, MD, PhD, Professor of Surgery, Stony Brook School of Medicine
- **Theodore Lystig**, PhD, Director, Corporate Biostatistics, Medtronic
- **Jose Merino**, MD, US Clinical Research Editor, BMJ
- **Stephen Graves**, MD, Director, Australian National Joint Replacement Registry
- **Rita Redberg**, MD, Editor-in-Chief, JAMA Internal Medicine
- **Jane Blazeby**, MD, Professor of Surgery, University of Bristol



**Weill Cornell**  
**Medicine**



**Maimonides**  
Medical Center