# Trials Using Cohorts & Routine Health Data



### International symposium on their Efficiency and Analysis

#### WEDNESDAY 15TH MAY, 2019 10AM - 4.30PM WELLCOME COLLECTION, EUSTON ROAD, LONDON, UK

Innovative designs for **randomized controlled trials (RCTs) utilising existing health data** are increasingly used in healthcare intervention research. These include Registry-based Randomised Controlled Trials (RRCTs), Electronic Health Record (EHR) Trials, Administrative Data (AD) Trials and Trials within Cohorts (TwiCs).

### How efficient are these trial designs? How should these designs be analysed?

This one-day international symposium brings together experts in order to: share knowledge and experience of these designs, provide a forum to discuss and debate, and identify future directions for research.

### Confirmed Talks

Cohort and Routine Health Data Trials - foundations for Learning Health Systems > Clare Relton, Pragmatic Clinical Trials Unit, Queen Mary University London, UK <

- CONSORT Reporting guidelines for RCTs using cohorts and routinely collected health data: > Brett Thombs, Faculty of Medicine, McGill University, Canada <
- TwiCs in intervention oncology embedding in routine care and sequential randomization > Helena Verkooijen, University Medical Center, Utrecht, Netherlands <
- The Swedish registry-based trials that changed the World (or at least the guidelines for CVD)
  Ole Fröbert, School of Medical Sciences, Örebro University, Sweden
- Why and how we (TARGet Kids) changed an observational cohort study into a TwiCs platform > Jonathon Maguire, Associate Professor of Pediatrics at the University of Toronto, Canada <

Efficiency vs pragmatic challenges in the design and set-up of TwiCs in 3 psoriatic arthritis trials > Marion Watson. University of Oxford (NDORMS), UK <

Current use and costs of electronic health records for clinical trial research: a descriptive study
Kimberley McCord. Basel Institute for Clinical Epidemiology and Biostatistics, Switzerland

Designing dementia trials embedded within a cohorts
 Mary Fortune. MRC Biostatistics Unit, University of Cambridge, UK <</li>

CFHealthHub Data Observatory: A trial within cohort platform for habit formation in Cystic Fibrosis > Carla Girling. Clinical Trials Research Unit, University of Sheffield, UK <

Effects of exercise in breast cancer survivors: applicability and analyses of a TwiCs > Roxanne Gal. University Medical Centre, Utrecht, The Netherlands <

- Efficiencies/deficiencies using routine data for long-term follow-up of a trial cohort of young families
  - > Fiona Lugg-Widger. Centre for Trials Research, Cardiff University, UK <</p>

Two examples of efficient RCT designs using cohorts: the REFORM and OTIS trials > Caroline Fairhurst. York Trials Unit, University of York, UK <

## Symposium Chair

> Adrian Mander <

Professor of Medical Statistics and Director of Statistics at the Centre for Trials Research, Cardiff University

### Scientific Organising Committee

#### > Clare Relton <

(Senior Lecturer, Pragmatic Clinical Trials Unit, Queen Mary University London, UK),

#### > Merrick Zwarenstein <

(Professor, Dept of Family Medicine, Epidemiology & Biostatistics, University of Western Ontario, Canada),

#### > Helena Verkooijen <

(Professor of Evaluation of Innovation, Imaging & Cancer Division, University Medical Center, Utrecht, Netherlands),

#### > Brett Thombs <

(Professor, Faculty of Medicine, McGill University, Canada),

#### > Linda Kwakkenbos <

(Assistant Professor, Radboud University, Netherlands),

> Ole Fröbert < (adjunct Professor, School of Medical Sciences, Örebro University, Sweden),

#### > Ed Juszczak <

(Associate Professor, Director, Clinical Trials Unit, National Perinatal Epidemiology Unit, University of Oxford, UK),

### > Isabelle Boutron <

(Professor, Paris Descartes University).

COST: THERE IS NO CHARGE FOR THIS ONE DAY EVENT AND LUNCH WILL BE PROVIDED. c.relton@gmul.ac.uk

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Faculté de médecine



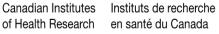






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