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 <

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 <

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. HOWEVER PLACES ARE LIMITED. IF YOU ARE INTERESTED IN ATTENDING PLEASE CONTACT **c.relton@qmul.ac.uk**

wellcome trust

PCTU Pragmatic Clinical Trials Unit

TRIALS

UMC Utrecht

The University Of Sheffield.

McGill Faculty of Medicine Faculté de médecine

Canadian Institutes of Health Research Instituts de recherche en santé du Canada

Jewish General Hospital Lady Davis Institute

CLAHRC Yorkshire and Humber

Region Örebro län