PROGRAMME

DAY 1
TUESDAY 12 NOVEMBER 2019

9:45 – 10:10 DAY 1: REGISTRATION, TEA AND COFFEE

10:10 – 10:15 Introduction and welcome to the conference
Sandra Eldridge
Queen Mary University of London, UK

10:15 – 11:15 SESSION 1

Chair: Dr Clémence Leyrat, London School of Hygiene and Tropical Medicine, UK

10:15 Assessing the reporting of binary effect measures in CRTs: results from a crowd-sourced methods based review
Liz Turner
Department of Biostatistics and Bioinformatics, Duke University, Durham, NC, USA

10:35 Contamination in individually randomised trials: when is a cluster trial more efficient
Karla Hemming
University of Birmingham, United Kingdom

Andrew Forbes (late withdrawal)
Monash University, Melbourne, Australia

10:55 Efficient cluster randomised trial design when the ICC differs between arms
Andrew Copas
MRC Clinical Trials Unit at UCL, UK

11:15 – 11:45 TEA AND COFFEE BREAK

11:45 – 12:25 SESSION 2

Chair: Professor Richard Hooper, Queen Mary University of London, UK

11:45 Sample size and power calculations for open cohort stepped wedge designs
Jessica Kasza
Monash University, Melbourne, Australia

12:05 Outcome adaptive intervention roll out in stepped-wedge cluster randomised trials
Michael Grayling
Institute of Health & Society, Newcastle University, UK

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12:25 – 13:00 POSTER PITCH SESSION

Chair: Claire Chan, Queen Mary University of London

Baseline testing in cluster randomised controlled trials: should this be done?
Alex Mitchell
York Trials Unit, Department of Health Sciences, University of York, UK

Robust, value-based sample size determination for cluster randomised trials when nuisance parameters are unknown
Duncan Wilson
University of Leeds, UK

Intervention before consent: methods to minimise bias due to differential recruitment and retention in cluster randomised controlled trials
Sarah Rhodes
NIHR Collaboration for Leadership in Applied Health Research and Care (CLAHRC) Greater Manchester, Salford Royal Foundation NHS Trust, Salford, UK

Assessing the risk of bias in cluster randomised controlled trials: results from a review
Christina Easter
Institute of Applied Health Research, University of Birmingham, Birmingham, UK

Covariate constrained randomisation for stepped-wedge cluster randomised trial
Caroline Kristunas
Department of Health Sciences, University of Leicester, UK

13:00 – 14.00 LUNCH

14:00 – 16:00 SESSION 3

Chair: Professor Bruno Giraudeau, Tours University, France

Health economics for cluster randomised trials
Josselin Thuilliez
Centre d'Économie de la Sorbonne, France

16:00 – 16:30 TEA AND COFFEE BREAK

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16:30 – 17.10 **SESSION 4**

Chair: Sally Kerry, Queen Mary University of London

16:30 **Introducing a Stata program to perform cluster level analysis of clinical trials: clan**
Stephen Nash
Tropical Epidemiology Group, London School of Hygiene and Tropical Medicine, UK

16:50 **The PITHIA trial: a stepped wedge, cluster randomised, registry based national trial with economic evaluation**
Laura Pankhurst
Clinical Trials Unit NHS Blood and Transplant, Cambridge and Bristol, UK

17:10 **CLOSE OF CONFERENCE DAY 1**

From 18:10

Conference Dinner for those who have registered

The Culpeper
40 Commercial St
Spitalfields
London
E1 6LP

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DAY 2: WEDNESDAY 13 NOVEMBER 2019

9:30 – 9:45 — **DAY 2 REGISTRATION, TEA AND COFFEE**

9:45 – 11:15 — **WORKSHOP ON CLUSTER CROSSOVER TRIALS: PART 1**

Jessica Kasza
Monash University, Melbourne, Australia

Karla Hemming
University of Birmingham, United Kingdom

Monica Taljaard
University of Ottawa, Canada

Joanne McKenzie
Monash University, Australia

Andrew Forbes (late withdrawal)
Monash University, Australia

11:15 – 11:45 — **TEA AND COFFEE BREAK**

11:45 – 12:40 — **WORKSHOP ON CLUSTER CROSSOVER TRIALS: PART2**

12:40 – 13:00 — **POSTER PITCH SESSION**

Chair: Claire Chan, Queen Mary University of London

Methodological review of evidence of risk of bias in cluster randomised trials
Jenny Roche
York Trials Unit, Department of Health Sciences, University of York, UK

Enhanced Recovery after Intensive Care (ERIC): Study protocol for a stepped-wedge cluster randomized controlled trial to evaluate the effectiveness of an e-health intervention at ICU to optimize adherence to quality indicators and personal recovery in critically ill adults
Christine Adrion
Institute for Medical Information Processing Biometry and Epidemiology (IBE), Ludwig-Maximilians-Universität (LMU), Munich, Germany

MDesign issues when assessing a topical pharmacological treatment in dermatology
Sophie Leducq
University of Tours and Nantes, INSERM, SPHERE U1246 – SPHERE, Tours, France

Methods and principles in developing, validating and implementing models using data from cluster randomised trials
Menelaos Pavlou
Department of Statistical Science, University College London, UK

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13:00 – 14:00 **LUNCH**

14:00 – 15:00 SESSION 5

Chair: Professor Sandra Eldridge, Queen Mary University of London, UK

14:00 **The cluster randomized crossover trial: the effects of attrition in the AB/BA design and how to repair for it**
Mirjam Moerbeek
Utrecht University, Department of Methodology and Statistics, The Netherlands

14:20 **Designing a stepped-wedge cluster randomised trial with treatment effect and time effect heterogeneity across strata**
James Martin
Institute of Applied Health Research, University of Birmingham, UK

14:40 **Stepped Wedge Test-Negative Trials**
Nicholas Jewell
Department of Medical Statistics, London School of Hygiene and Tropical Medicine, UK

15:00 – 15:30 **TEA AND COFFEE BREAK**

15:30 – 16:30 SESSION 6

Chair: Professor Karla Hemming, University of Birmingham, UK

15:30 **Improving the efficiency of a stepped-wedge design without lengthening the study**
Alan Girling
Institute of Applied Health Research, University of Birmingham, UK

15:50 **Improving the feasibility of stepped-wedge cluster randomised trials: findings of a qualitative interview study**
Caroline Kristunas
Department of Health Sciences, University of Leicester, UK

16:10 **Estimation of individual-level local average treatment effects in cluster randomised trials with non-adherence**
Schadrac Agbla
Department of Medical Statistics, London School of Hygiene and Tropical Medicine, UK

16:30 – 16:40 **Conclusions and close of conference**
Professor Sandra Eldridge
Queen Mary University of London, UK