### 04. An introduction to pragmatic randomised controlled trials in low- and middle-income countries

**Wednesday, 29 October 2014, 09:00 - 17:00**  
**Room 130**

**Post-graduate Course**

**Tobacco**

**Other**

**Full-day**

**40**

This course has two main components: 1. Designing, and conducting RCTs. 2. Reporting RCTs in peer-reviewed journals. The course will be divided into three sessions, each session running as follows:  
- Introducing the topic  
- Case study from one (or two) of the trials  
- Facilitators’ presentation  
- Ethical issues relevant to the topic  
- General discussion and Q&A on the topic

This introductory post-graduate course is directed at clinicians, health services, researchers and managers who wish to lead or collaborate in pragmatic randomised controlled trials (RCT) of healthcare interventions in LMIC.

**Objectives**

1. Design and conduct pragmatic randomised controlled trials (RCT) of healthcare interventions in LMIC context
2. Report the findings of a pragmatic RCT according to the standards set in CONSORT statement(s)

**Keywords**

Randomised controlled trial; low- and middle-income countries; health care

**Coordinator(s)**

Omara Dogar (UK), Sarwat Shah (UK)

**Chair(s)**

Kamran Siddiqi (UK)

**Presentations**

1. To RCT or not to RCT: is RCT appropriate to the research question(s) and timing of the study? If yes, what type of RCT is appropriate?  
   - Kamran Siddiqi (UK)
2. Design of RCT: how to avoid bias  
   - Kamran Siddiqi (UK)
3. Selecting your participants, settings and location including issues related to sample size  
   - Sarwat Shah (UK)
4. Primary and secondary outcome measures including data collection procedures  
   - Sarwat Shah (UK)
5. Randomisation and allocation (individual and clusters)  
   - Omara Dogar (UK)
6. Recruiting participants (clusters and individuals)  
   - Sarwat Shah (UK)
7. Planning the analysis  
   - Omara Dogar (UK)
8. Reporting the trial (CONSORT compliance)  
   - Omara Dogar (UK)