University of Liverpool
Clinical Trial Training for Investigators

Location: Guild of Students Library Room, University of Liverpool

Course dates: 8th-12th September 2025

Course fee: £475, includes course materials, lunch and refreshments

RCP CPD accredited: 30 points awarded for full week attendance

Individual day attendance available: £95 per day

Faculty includes experts in:

Clinical trials: Dr Susanna Dodd, Dr Nicola Harman

Statistics: Dr Richard Jackson, Dr Girvan Burnside, Professor Jamie Kirkham, Professor James Wason

Qualitative and recruitment research: Professor Peter Bower, Professor Kerry Woolfall

Health economics: Professor Dyfrig Hughes

Overview

The number of clinical trials being conducted has increased, and the need for greater efficiency in design, conduct, analysis and reporting has been recognised in both the public and industry sector.

The programme will include:

- Trial design
- Trial conduct
- Recruitment of trial participants
- Public and patient involvement
- Analysis and reporting
- Health Informatics
- Health economics

Prerequisites

Understanding of basic statistical concepts is assumed.

Target audience

This course is aimed at health and research professionals, particularly those aiming to become Chief Investigators.

Feedback from previous course

"Speakers all knowledgeable / credible / approachable. Pitched at the right level."

"The team is clearly very keen and worked hard to make the course happen."

"The sessions on design and analysis were excellent and were very practical too."

"The facilitators were excellent and to the point. The practical sessions made the lectures vivid."

"Comprehensive overview, provided a basic understanding of most key issues I wanted to know about and many I hadn't considered."

To apply for this course please see

https://www.liverpool.ac.uk/population-health/about/health-data-science/courses-and-workshops/

Clinical Trial Training for Investigators, September 2025

Monday 8th	**AM SESSION (9.30-12.30)**	**What do you need to do to design a trial?** *Dr Nicola Harman, University of Liverpool* *Dr Susanna Dodd, University of Liverpool*	Topics: Identifying, defining and justifying the question; the importance of the protocol
	PM SESSION (1.30-4.30)	**General design issues** *Dr Susanna Dodd, University of Liverpool*	Topics: Feasibility, external and internal pilot studies; pragmatic and explanatory designs, internal and external validity; sample size considerations
Tuesday 9th	**AM SESSION (9.30-12.30)**	**Introduction to different designs** *Professor James Wason, Newcastle University* *Dr Girvan Burnside, University of Liverpool*	Topics: Stepped wedge and cluster randomised trials; adaptive designs
	PM SESSION (1.30-4.30)	**Recruitment of trial participants** *Professor Kerry Woolfall, University of Liverpool* *Dr Nicola Harman, University of Liverpool*	Topics: Barriers and facilitators; effective recruitment and retention strategies; recruitment monitoring
Wednesday 10th	**AM SESSION (9.30-12.30)**	**Trial conduct (part 1)** *Dr Emma Bedson, Liverpool Clinical Trials Centre* *Mrs Tracy Moitt, Liverpool Clinical Trials Centre* *Mrs Emily Rees, Liverpool Clinical Trials Centre* *Mr Tim Chater, Liverpool Clinical Trials Centre*	Topics: Ethical, legal and regulatory requirements; pharmacovigilance; barriers and facilitators to setting up sites; data sources; information systems and data management
	PM SESSION (1.30-4.30)	**Liverpool Clinical Trials Centre showcase**	
Thursday 11th	**AM SESSION (9.30-12.30)**	**Public and Patient Involvement** *Professor Peter Bower, University of Manchester*	Topics: Basic principles of patient centred trials; evidence of benefit
	PM SESSION (1.30-4.30)	**Keynote talk 'How to be a good Chief Investigator'** *Professor Michael Jenkinson* **Trial conduct (part 2)** *Dr Ashley Jones, University of Liverpool*	Topics: Risk assessment; risk-based monitoring and safety monitoring; trial oversight committees
Friday 12th	**PM SESSION (9.30-12.30)**	**Analysis and reporting (part 1)** *Dr Richard Jackson, University of Liverpool*	Topics: Key principles of trial analysis; intention to treat analysis; causal analysis
	PM SESSION (1.30-4.30)	**Analysis and reporting (part 2)** *Professor Dyfrig Hughes, Bangor University* *Professor Jamie Kirkham, University of Manchester*	Topics: Basic principles of health economics; methods of economic evaluation; economic outcomes; good practice in trial reporting