

Health Economics and Clinical Trials

Duration: 5 Days

Language: en

Course Code: IND5 - 161

Objective

Upon completion of this course, participants will be able to:

- Understand the fundamental concepts of health economics.
- Develop skills to design and conduct economic evaluations in clinical trials.
- Learn methods for analysing the cost-effectiveness of healthcare interventions.
- Explore strategies for integrating economic evaluations into clinical research.
- Enhance their ability to interpret and communicate economic data in healthcare.

Audience

This course is intended for:

- Health economists
- Clinical researchers
- Healthcare professionals involved in clinical trials
- Policymakers in health
- Graduate students in health economics, public health, and related fields

Training Methodology

The course employs a blend of instructional methods, including:

- Interactive lectures
- Hands-on economic evaluation sessions
- Group discussions and case studies
- Expert-led Q&A sessions
- Comprehensive course materials and resources

Summary

This advanced course provides an in-depth exploration of health economics in the context of clinical trials. Participants will gain a comprehensive understanding of the economic principles and methods used to evaluate the cost-effectiveness of healthcare interventions. The course combines theoretical knowledge with practical applications, preparing healthcare professionals and researchers to design, conduct, and analyse clinical trials focusing on economic outcomes.

Course Content & Outline

Section 1: Introduction to Health Economics

- Overview of health economics and its importance in healthcare
- Key concepts: cost, utility, and effectiveness
- Types of economic evaluations: cost-minimization, cost-effectiveness, cost-utility, and

cost-benefit analyses

Section 2: Designing Economic Evaluations in Clinical Trials

- Formulating research questions and hypotheses
- Identifying and measuring costs and outcomes
- Designing data collection methods for economic evaluations

Section 3: Conducting Economic Evaluations

- Data analysis techniques for economic evaluations
- Modelling approaches: decision trees and Markov models
- Sensitivity analysis and handling uncertainty

Section 4: Integrating Economic Evaluations into Clinical Research

- Strategies for incorporating economic evaluations in clinical trial design
- Regulatory and ethical considerations
- Case studies of economic evaluations in clinical trials

Section 5: Practical Applications and Future Directions

- Interpreting and communicating economic evaluation results
- Developing economic evaluation reports and publications
- Emerging trends and future challenges in health economics
- Course review and expert Q&A

Certificate Description

Upon successful completion of this training course, delegates will be awarded a Holistique Training Certificate of Completion. For those who attend and complete the online training course, a Holistique Training e-Certificate will be provided.

Holistique Training Certificates are accredited by the British Assessment Council (BAC) and The CPD Certification Service (CPD), and are certified under ISO 9001, ISO 21001, and ISO 29993 standards.

CPD credits for this course are granted by our Certificates and will be reflected on the

Holistique Training Certificate of Completion. In accordance with the standards of The CPD Certification Service, one CPD credit is awarded per hour of course attendance. A maximum of 50 CPD credits can be claimed for any single course we currently offer.

Categories

Health, Safety & Environment HSE, Healthcare & Pharmaceutical, Finance, Accounting & Budgeting

Tags

health, Clinical Trials, Economics

Related Articles



Financial Ratio Analysis: Unlocking Insights into Financial Health

Explore Financial Ratio Analysis—its types, uses, and importance. Learn how ratios reveal financial health, guide decisions, and reduce risks.