التجارب السريرية المتقدمة: التصميم، التنفيذ والتحليل

Duration: 5 Days

Language: ar

Course Code: IND5 - 152

Objective

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

- Understand the fundamental principles of clinical trial design.
- Develop skills in conducting and managing clinical trials.
- Learn advanced methods for analysing clinical trial data.
- Gain knowledge of regulatory and ethical considerations in clinical research.
- Enhance their ability to communicate clinical trial results effectively.

Audience

:This course is intended for

- Clinical researchers
- Medical practitioners
- Healthcare professionals involved in clinical trials
- Data analysts in health sciences
- Regulatory affairs specialists
- Graduate students in clinical research and related fields

Training Methodology

:The course employs a blend of instructional methods, including

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

Summary

This advanced course comprehensively explores clinical trial methodology, focusing on clinical trials' design, conduct, and analysis. Participants will gain an in-depth understanding of the principles and practices essential for conducting high-quality clinical research. The course combines theoretical instruction with practical applications, preparing healthcare .professionals and researchers to effectively design and manage clinical trials

Course Content & Outline

Section 1: Introduction to Clinical Trials

- Overview of clinical trial phases and types
- Key concepts in clinical trial design
- Ethical considerations and informed consent

Section 2: Designing Clinical Trials

- Formulating research questions and hypotheses
- Randomisation methods and control groups

- Sample size calculation and power analysis

Section 3: Conducting Clinical Trials

- Recruitment and retention of study participants
- Data collection methods and management
- Monitoring and ensuring trial quality

Section 4: Analyzing Clinical Trial Data

- Statistical methods for clinical trial analysis
- Handling missing data and protocol deviations
- Interpreting and reporting trial results

Section 5: Practical Applications and Case Studies

- Developing a clinical trial protocol
- Case studies and collaborative problem-solving
- Communicating findings to stakeholders
- Course review and expert Q&A

Certificate Description

عند إتمام هذه الدورة التدريبية بنجاح، سيحصل المشاركون على شهادة إتمام التدريب من Holistique Training. وبالنسبة للذين يحضرون ويكملون الدورة التدريبية عبر الإنترنت، سيتم تزويدهم بشهادة إلكترونية (e-Certificate) من Holistique Training.

شهادات Holistique Training وخدمة اعتماد التطوير المهني (BAC) معتمدة من المجلس البريطاني للتقييم المستمر (CPD)، كما أنها معتمدة وفق معايير ISO 9001 وISO 21001 وISO 29993.

لهذه الدورة من خلال شهاداتنا، وستظهر هذه النقاط على شهادة إتمام (CPD) يتم منح نقاط التطوير المهني المستمر واحدة عن كل ساعة CPD يتم منح نقطة CPD، ووفقًا لمعايير خدمة اعتماد Holistique Training. التدريب من لأي دورة واحدة نقدمها حاليًا CPD حضور في الدورة. ويمكن المطالبة بحد أقصى قدره 50 نقطة.

Categories

الصحة والسلامة والبيئة, الرعاية الصحية والصيدلانية

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