Good Laboratory Practice (GLP) Refresher

Training Online 4U

Welcome to the Good Laboratory Practice (GLP) refresher course. This course is designed for professionals who have previously completed a full GLP training and are looking to reinforce their understanding of GLP principles and practices. GLP is a regulatory framework that ensures the reliability, integrity and ethical standards of non-clinical laboratory studies across sectors such as pharmaceuticals, chemicals and environmental safety. In this refresher, we will revisit the purpose and development of GLP, its global regulatory framework, and the critical role it plays in laboratory compliance and inspections. You'll explore topics such as laboratory organisation, equipment and facility management, study design, data integrity and quality assurance. Emphasis is placed on the importance of standard operating procedures (SOPs), consistent documentation and ethical research practices. By the end of the course, you will have reinforced your knowledge of GLP's core principles and their practical application within a test facility environment.

Learning objectives:

- Reinforce understanding of GLP principles and their application in maintaining the quality, integrity and reliability of non-clinical laboratory studies.
- Identify the roles and responsibilities of laboratory personnel, along with the importance of documentation, data integrity and quality assurance in achieving GLP compliance.
- Recognise key regulatory requirements and standards, including the role of standard operating procedures (SOPs), proper study design and ethical considerations in GLP-compliant research.

Good Laboratory Practice (GLP) Refresher

Training Online 4U

COURSE CONTENTS:

Chapter 1— Introduction to GLP
Definition and overview of GLP
The development of GLP
Importance of GLP in laboratory settings

Chapter 2 – Regulatory framework and standards
Regulatory bodies
GLP standards and principles
Role of GLP in compliance and inspections

Chapter 3 – GLP organisation and management
Role and responsibilities in GLP laboratories
Laboratory personnel and training requirements
Documentation and record keeping

Chapter 4 — Laboratory facilities and equipment
Requirements for laboratory design and maintenance
Equipment calibration and maintenance
Environmental controls

Chapter 5 – Test systems and study design
Definition and classification of test systems
Study plan
Sampling methods and procedures
Control groups and randomisation in studies

Duration: 2-4 hours
Price: £159

Chapter 6 – Data management and integrity
Data recording and documentation best practices
Handling data corrections and amendments
Electronic data management and security

Chapter 7– Quality assurance and auditing
Role of quality assurance
Non-compliance
Corrective and preventive actions

Chapter 8 – Reporting and communication
GLP compliant study reports

Chapter 9 – Handling adverse events and deviations
Identifying and reporting adverse events
Investigating deviations and non–conformities

Chapter 10 – Ethical considerations in GLP
Ethical standards for animal and human testing
Responsible conduct in research

Summary
Scenario learning
Exam
Accessing your certificate