

GMP

10

Pharmaceutical CAPA

This module addresses identification and interpretation of the requirements of a pharmaceutical CAPA system. CAPA is a fundamental management tool that is integral to an effective quality management system.

Objectives:

- Identify the regulatory requirements for a CAPA system
- List the various phases and the processes of a successful CAPA system
- Explain the critical elements of a CAPA system
- Explain the importance of risk assessment and investigation
- Describe tracking and escalation processes in a CAPA system
- Recognise the requirements of ICH Q10 - Pharmaceutical Quality System (PQS)

Course Outline

INTRODUCTION

- o Welcome
- o Introduction
- o Reviews and assessments
- o Overview
- o Pharmaceutical Quality System (PQS) Model
- o Key areas of the QMS

REGULATIONS

- o Overview
- o Compliant CAPA systems
- o Activity: Looking for CAPA requirements within GMPs
- o FDA QSIT inspections of CAPA systems
- o Important definitions
- o Examples of different CAPAs
- o Review

THE CAPA SYSTEM

- o Overview
- o Features of a CAPA system
- o CAPA flowchart
- o Phases of a CAPA system
- o Review

ELEMENTS OF CAPA SYSTEMS

- o Overview
- o CAPA system inputs
- o Risk assessment and CAPA
- o Risk assessment process
- o CAPA documentation
- o The CAPA procedure
- o CAPA request/record
- o Correction/containment
- o Corrective action
- o Preventive action
- o Verification and closeout
- o Completed CAPA report
- o Review

ROOT CAUSE ANALYSIS

- o Symptom or Root Cause?
- o When to conduct RCA/CAPA
- o Root Cause Analysis (RCA)
- o Investigation & Analysis

TRACKING AND ESCALATION

- o Overview
- o Progress tracking and escalation
- o CAPA trending
- o Review

CONCLUSION

- o Summary