BLACKBIRD FOR TRAINING

Medication Safety Training Course

19 – 23 September 2027
Cairo (Egypt)



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Ref: 3255435_203169 **Date:** 19 – 23 September 2027 **Location:** Cairo (Egypt) **Fees:** 4900 GBP

Introduction

Medication safety is one of the most critical pillars in modern healthcare systems, especially in environments that operate under high pressure, such as hospitals, primary care centers, pharmacies, and long-term care facilities. Every day, thousands of healthcare professionals handle medications, prescribe treatments, dispense drugs, and administer doses to patients with varying levels of complexity. This makes the risk of medication errors a real and recurring challenge that requires structured knowledge, effective preventive strategies, and continuous training.

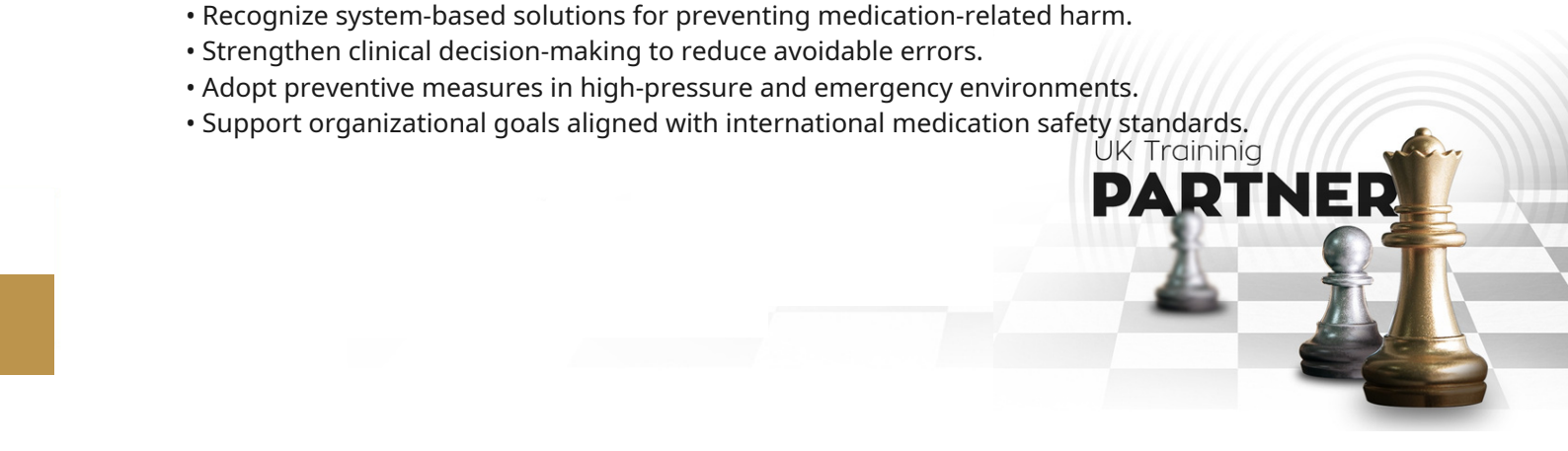
This specialized course in medication safety is designed for all healthcare sectors, including physicians, pharmacists, nurses, technicians, and quality teams aiming to enhance patient safety and reduce medication-related risks. The program provides a comprehensive understanding of how medication errors occur, how to detect high-risk points, and how to implement prevention systems that align with global guidelines. It also supports healthcare organizations in strengthening their overall safety culture and improving operational performance through accurate and safe medication handling.

By the end of this training, participants gain the ability to assess medication processes, identify hazards, and adopt practical tools that reduce risks and support safer clinical outcomes. The course also ensures alignment with international best practices, making it a valuable investment for both individuals and healthcare organizations seeking excellence in patient safety.

Course Objectives

By completing the Medication Safety program, participants will be able to:

- Understand the core principles of medication safety and its impact on healthcare quality.
- Identify common causes and types of medication errors in clinical settings.
- Analyze high-risk medications and their associated challenges.
- Apply standardized practices for safe prescribing, dispensing, and administration.
- Implement effective communication strategies during handover and medication transitions.
- Use medication reconciliation tools to ensure accuracy across the patient journey.
- Evaluate risks using structured assessment models.
- Enhance reporting mechanisms to support a strong safety culture.
- Recognize system-based solutions for preventing medication-related harm.
- Strengthen clinical decision-making to reduce avoidable errors.
- Adopt preventive measures in high-pressure and emergency environments.
- Support organizational goals aligned with international medication safety standards.



Course Outlines

Day One - Foundations of Medication Safety

- Introduction to global concepts of medication safety.
- Overview of common medication errors and their classifications.
- Factors that contribute to medication-related incidents.
- The role of healthcare professionals in reducing medication risks.
- Understanding the impact of unsafe medication practices on patient outcomes.
- Case-based discussion on real medication error scenarios.

Day Two - Safe Prescribing and Dispensing Practices

- Principles of safe and accurate prescribing.
- Identifying unsafe abbreviations and high-risk prescription patterns.
- Reviewing medication orders and detecting red flags.
- Safe dispensing processes in hospital and outpatient settings.
- Documentation quality and verification techniques.
- Collaboration between pharmacists and prescribers to prevent errors.

Day Three - Safe Administration and High-Risk Medications

- The “five rights” and “seven rights” of medication administration.
- Risk factors related to dosing, timing, and patient identification.
- Handling high-risk medications and vulnerable patient groups.
- Prevention strategies for intravenous medication errors.
- Minimizing harm in urgent and high-stress environments.
- Practical activities focusing on accurate administration procedures.

Day Four - Transitions of Care and Medication Reconciliation

- Safety challenges during patient transfer between departments.
- Standardizing communication during medication handover.
- Implementing medication reconciliation as a preventive tool.
- Reviewing medication lists across admission, discharge, and follow-up.
- Preventing omissions, duplications, and drug interactions.
- Workshop session: building a reconciliation checklist.



Day Five - Reporting, Learning, and Safety Culture

- Understanding how reporting systems enhance medication safety.
- Barriers to reporting and how to overcome them.
- Using data from incidents and near misses for improvement.
- Building a positive and transparent safety culture within healthcare teams.
- Final assessment and feedback discussions.
- Course closure and summary of key practices.

Why Attend This Course? Wins & Losses!

- Gain comprehensive knowledge enabling safer patient care.
- Reduce medication errors through practical tools and structured strategies.
- Strengthen professional confidence in handling complex medication processes.
- Improve communication across multidisciplinary teams.
- Enhance alignment with national and international accreditation standards.
- Support healthcare organizations in reducing operational risks and legal liabilities.
- Build the ability to analyze and prevent high-risk situations before harm occurs.
- Increase efficiency in workflow processes related to medication management.

Training Methodology

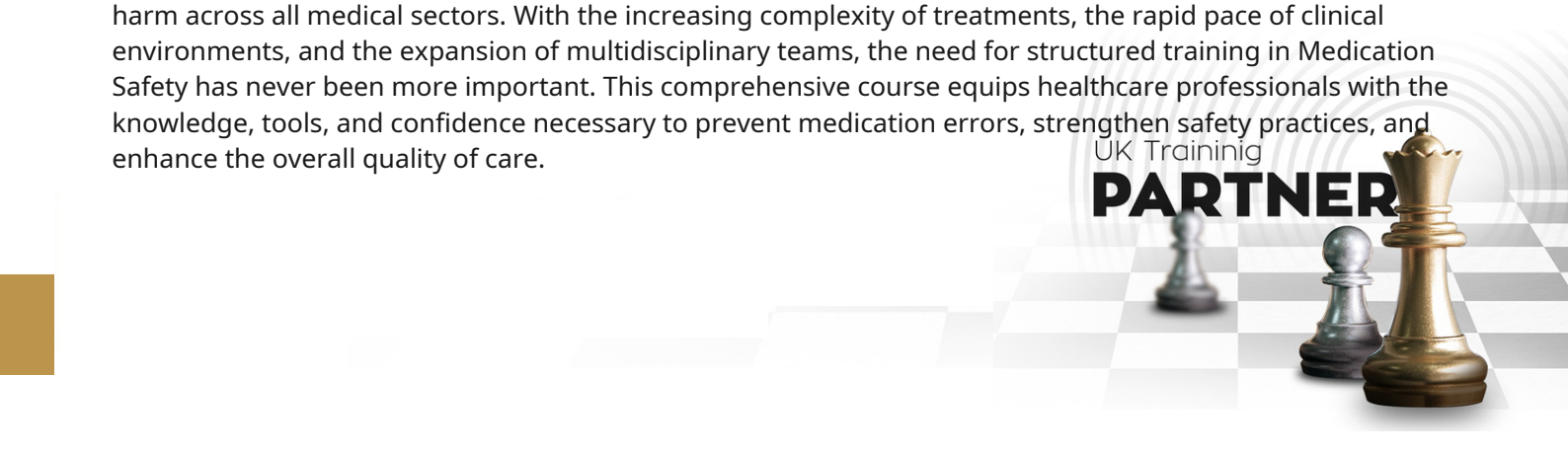
This Medication Safety course is delivered through a dynamic and interactive methodology designed to support practical learning, critical thinking, and real-world application. The training includes:

- Instructor-led presentations explaining core concepts.
- Case studies based on real incidents from healthcare environments.
- Practical exercises focusing on prescribing, dispensing, and administration.
- Group discussions to exchange experiences and improve teamwork.
- Simulation-based learning for high-risk medication scenarios.
- Visual tools, process mapping, and checklists to support system improvement.
- Final evaluation to measure knowledge acquisition.

This methodology ensures participants leave with actionable skills they can immediately apply in their healthcare settings.

Conclusion

Medication Safety remains one of the most crucial areas for improving healthcare outcomes and reducing harm across all medical sectors. With the increasing complexity of treatments, the rapid pace of clinical environments, and the expansion of multidisciplinary teams, the need for structured training in Medication Safety has never been more important. This comprehensive course equips healthcare professionals with the knowledge, tools, and confidence necessary to prevent medication errors, strengthen safety practices, and enhance the overall quality of care.



By adopting the techniques and strategies learned, healthcare organizations can build a resilient and proactive safety culture that supports both patient well-being and professional excellence. The skills gained through this program contribute directly to improving workflow efficiency, minimizing risks, and promoting a sustainable environment where Medication Safety becomes a shared responsibility and a continuous priority.

