



# الأدلة الواقعية في علم الصيدلة الوبائية: دليل فعال لتحسين الأداء

**Duration:** 5 Days

**Language:** ar

**Course Code:** IND5 - 155

## Objective

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

- Understand the principles and importance of real-world evidence in pharmacoepidemiology.
- Develop skills in designing and conducting real-world studies.
  - Learn advanced methods for analysing real-world data.
- Interpret and communicate real-world evidence to inform healthcare decisions.
- Explore the latest advancements and applications of RWE in drug safety and public health.

## Audience

:This course is intended for

- Pharmacoepidemiologists
- Public health professionals
  - Medical researchers
- Healthcare practitioners involved in drug safety and effectiveness

- Data analysts in health sciences
- Graduate students in public health, epidemiology, and related fields

## Training Methodology

:The course employs a blend of instructional methods, including

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

## Summary

This advanced course thoroughly explores real-world evidence (RWE) in pharmacoepidemiology. Participants will explore the methodologies for generating and analysing RWE and understand its applications in drug safety, effectiveness, and public health decision-making. The course integrates theoretical knowledge with practical applications, preparing participants to use RWE effectively in various contexts.

## Course Content & Outline

### Section 1: Introduction to Real-World Evidence

- Definition and significance of real-world evidence
- Key differences between clinical trial data and real-world data
- Sources of real-world data: electronic health records, registries, and claims data

## Section 2: Study Design and Data Collection

- Designing real-world studies: cohort, case-control, and cross-sectional studies
  - Data collection methods and tools
  - Ensuring data quality and integrity

## Section 3: Advanced Data Analysis Techniques

- Statistical methods for analysing real-world data
- Propensity score matching and instrumental variable analysis
- Handling biases and confounding factors in real-world studies

## Section 4: Applications of Real-World Evidence

- Evaluating drug safety and effectiveness
- Informing regulatory decisions and health policy
- Case studies: Applications of RWE in various therapeutic areas

## Section 5: Practical Applications and Case Studies

- Hands-on data analysis with real-world datasets
- Developing and presenting real-world evidence projects
  - Collaborative problem-solving and case studies
- Course review, expert Q&A, and certification ceremony

## Certificate Description

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

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

لهذه الدورة من خلال شهادتنا، وستظهر هذه النقاط على شهادة إتمام (CPD) يتم منح نقاط التطوير المهني المستمر

واحدة عن كل ساعة CPD يتم منح نقطة CPD، ووفقاً لمعايير خدمة اعتماد Holistique Training التدريب من  
لأي دورة واحدة نقدمها حالياً CPD حضور في الدورة. ويمكن المطالبة بحد أقصى قدره 50 نقطة

## Categories

الصحة والسلامة والبيئة, الرعاية الصحية والصيدلانية

## Related Articles



### The Role of Data Analytics in Enhancing Healthcare Quality

Data analytics is transforming healthcare by enhancing patient care, operational efficiency, and cost-effectiveness. This blog post covers the types of healthcare analytics, data points used, the benefits of analytics in healthcare, and how to implement it. It also provides a look at future trends and examples of successful applications.