Signal Detection and Data Mining

October 22-24, 2013
Beijing, China

This training course will review approaches to the implementation of signal detection and data mining as part of your pharmacovigilance operations. The requirement for companies to perform signal detection is mandatory in Europe and highly recommended in the US. Many simple techniques can be applied to the generation and review of potential signals, which can also be augmented by the application of sophisticated data mining algorithms.

SESSION TOPICS

- Signal assessment process
- Pharmacovigilance overview
- FDA & EU regulatory requirements
- Data mining methodologies
- Signaling and risk assessment
- Series of interactive case studies

LEARNING OBJECTIVES

At the end of the training course, participants will be able to:

- Understand regulatory requirements for drug safety and pharmacovigilance practice
- Learn how to collect, assess, report and analyze adverse event
- Understand the basic concepts and principles of signal detection for accumulating clinical data
- Describe how to apply these techniques within the company
- Apply data mining techniques to analyze large volumes of adverse event report data
- Conduct signaling analyses on real-life data

WHO SHOULD ATTEND

Professionals with background in the following areas:

- Clinical Research
- Clinical Safety/Pharmacovigilance
- Public Policy/Law/Compliance
- Regulatory Affairs
- Research & Development
- Risk Management

PROGRAM COMMITTEE

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