

Continuous Improvement in the Laboratory



Course Name: Continuous Improvement in the Laboratory



2 Hours



Certificate of Completion



CPD Credits: 2

You know continuous improvement is critical – but where do you start? Get an overview of available tools, frameworks and methodologies. Learn how to use quality tools to improve performance and quality of your laboratory service continuously.

This course will provide you with the knowledge and understanding of the tools and models to implement improvement projects in your laboratory. From the PDCA cycle to the 7 Quality tools and quality indicators, this course is perfect for a manager who wants to ensure continuous improvement in their laboratory. *(Included in the Lab Management Online course)*

MODULE DESCRIPTION:

Continuous Improvement - Part 1: This module describes how to utilise quality tools to ensure continuous improvement in laboratory quality.

Continuous Improvement - Part 2: It describes the elements and application of the LEAN methodology to improve quality in the laboratory.

Continuous Improvement - Part 3: The application of quality indicators to monitor and evaluate performance throughout critical aspects of the laboratory processes.

OUTCOMES:

- ✓ Define ISO 15189 requirements for continuous improvement
- ✓ Identify and explain conventional laboratory continuous improvement tools
- ✓ Describe and apply the Plan-Do-Check-Act cycle
- ✓ Describe and apply the 7 Basic Tools of Quality
- ✓ Define the key elements of Lean
- ✓ Describe the Lean wastes and identify them in the laboratory
- ✓ Describe and apply the principles of effective Lean application
- ✓ Describe the methods for sustaining Lean gains
- ✓ Define quality indicators and their purpose
- ✓ Identify and describe characteristics of quality indicators
- ✓ Develop and implement quality indicators

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