

# The LMBP A-6 Cycle: Review and Evaluation Methods for Quality Improvement

An online eLearning course available at [www.cdc.gov/labtraining](http://www.cdc.gov/labtraining)

## DESCRIPTION

Effectively identifying and recommending laboratory medicine best practices for quality improvement projects demands an evidenced-based, transparent review process. This course, The LMBP A-6 Cycle: Review and Evaluation Methods for Quality Improvement, introduces the Laboratory Medicine Best Practice (LMBP) A-6 method for conducting systematic evidence reviews.

### The LMBP initiative aims to:

- Develop and apply transparent evidence-based methods for reviewing interdisciplinary quality improvement practices
- Conduct systematic reviews to assess the effectiveness of quality improvement practices on patient outcomes
- Provide a central source of information on the comparative effectiveness of laboratory medicine practices
- Facilitate a network for the exchange of information on effective laboratory practices



## AUDIENCE

This basic level course is intended for those conducting and/or overseeing systematic reviews for research practices including laboratory directors, supervisors and technologists, quality managers, pathologists, research and industry scientists, students, and Systematic Review Coordinators. Laboratories that routinely conduct Quality Improvement (QI) projects, outside of systematic reviews, can also benefit from this course.

## OBJECTIVES

After completion of this LMBP online course, participants will be able to:

- ✓ Describe three aspects of the evidence-based approach for improving the quality of laboratory medicine decision making.
- ✓ Describe the differences in systematic reviews and traditional reviews.
- ✓ List the basis for the LMBP initiative and its healthcare quality aims.
- ✓ Name the LMBP Cycle A-6 steps, which contributes quality evidence for improvement practices

Free Registration: Locate the course at [www.cdc.gov/labtraining](http://www.cdc.gov/labtraining) and follow the link to register for the course in TRAIN. Email us with questions at [labtraining@cdc.gov](mailto:labtraining@cdc.gov)

DLS Website: [www.cdc.gov/labsystems](http://www.cdc.gov/labsystems)

LMBP Website: [www.cdc.gov/labbestpractices](http://www.cdc.gov/labbestpractices)

\*\* Course content is closed-captioned where applicable and optimized for a screen reader.\*\*



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### CONTINUING EDUCATION

The Centers for Disease Control and Prevention, Division of Laboratory Systems is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. This course has been approved for 1.5 contact hour.

P.A.C.E.® Course Number: 288-011-19