

TITLE: Quality Control Best Practices

Duration: 35 minutes

DESCRIPTION: During this session we will introduce and review clinical laboratory quality control basic concepts, including definition of terms, basic statistical concepts and types of quality control. In addition, we will define and provide examples of the types of errors possible during the analytical phase: systematic and random errors. We will also describe in detail quality control best practices, including areas related to control materials, how to establish control limits, the usage of Levey-Jennings graphs, as well as the usage of Westgard rules, investigation and resolution of errors, and how to document and record the information related to laboratory quality control.

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