

TITLE: Selection of the Proper Internal Statistical Quality Control

Duration: 45 minutes

DESCRIPTION: If we think about internal statistical quality control, we must consider that not all measuring procedures perform similarly and, in addition, the quality requirements selected for the measuring procedures from valid sources are different for different measuring procedures. Therefore, it is important to design schemes of internal statistical quality control specific for each measuring procedure, taking into account its initial performance and the selected quality requirement in relation to its anticipated usage. The objective of these planned schemes is detecting clinically significant errors and avoiding costs derived from false rejects. In order to work on this plan, we will use the sigma metric, which allows us to integrate the measuring procedure performance with its quality requirements to obtain a measure of the quality achieved by the method. The selection of the proper internal statistical quality control scheme will be based on this sigma performance.

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