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CLSI EP23™—Laboratory Quality Control Based on Risk Management

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Ep23 A Laboratory Quality Control Based On Risk 33913

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Ep23 A Laboratory Quality Control Based On Risk 33913:

Laboratory Quality Control Based on Risk Management: Approved Guideline James H Nichols, Jr,2011-10-01

Quality Control in the Age of Risk Management, an Issue of Clinics in Laboratory Medicine James O. Westgard, Sten Westgard, 2013-01-28 In October of 2011 CLSI published a new guideline EP23A on Laboratory Quality Control Based on Risk Management In March 2012 CMS announced its intention to incorporate key concepts from EP23A into its Interpretative Guidelines and QC policy for Individualized Quality Control Plans Thus begins a new era of Quality Control in the Age of Risk Management This issue is intended to help laboratories with the transition between traditional QC practices and the new risk management approach Laboratories face a steep learning curve to apply risk analysis for identifying and prioritizing failure modes developing and implementing control mechanisms to detect those failure modes and assessing the acceptability of the residual risks that exist after implementation of a QC Plan One of the main benefits of the new risk analysis based QC Plans should be an integration of all the control mechanisms that are needed to monitor the total testing process including pre analytic analytic and post analytic controls One of the main risks of the new approach is an expectation that Statistical QC is no longer important even though SQC still remains the most useful and flexible approach for monitoring the quality of the analytic process The key to the future is the successful integration of all these control mechanisms to provide a cost effective quality system that monitors all phases of the total testing process This issue should help laboratories understand the evolution of QC practices to include risk management but also to recognize the need to maintain traditional techniques such as Statistical QC especially during the transition to well designed and carefully validated QC Plans Risk analysis may be risky business unless laboratories proceed carefully and cautiously

Laboratory quality control and patient safety Jeremie M. Gras, 2017-03-06 Every clinical laboratory devotes considerable resources to Quality Control Recently the advent of concepts such as Analytical Goals Biological Variation Six Sigma and Risk Management has generated a renewed interest in the way to perform QC However laboratory QC practices remain highly non standardized and a lot of QC questions are left unanswered The objective of this book is to propose a roadmap for the application of an integrated QC protocol that ensures the safety of patient results in the everyday lab routine

Laboratory Quality Management George S. Cembrowski, R. Neill Carey, 1989 Discusses quality control practices in health care laboratories Will help laboratory directors managers supervisors and technologists towards a more quantitative understanding of the performance capabilities of different quality control procedures

Quality Control in Laboratory Gaffar Zaman, 2018-08-22 The book presents a qualitative and quantitative approach to understand manage and enforce the integration of statistical concepts into quality control and quality assurance methods Utilizing a sound theoretical and practical foundation and illustrating procedural techniques through scientific examples this book bridges the gap between statistical quality control quality assurance and quality management Detailed procedures have been omitted because of the variety of equipment and commercial kits used in today s clinical laboratories

Instrument manuals and kit package inserts are the most reliable reference for detailed instructions on current analytical procedures

The Laboratory Quality Assurance System Thomas A. Ratliff,1990

Risk management techniques to identify and control laboratory error sources : approved guideline ,2009 This guideline describes risk management techniques that will aid in identifying understanding and managing sources of failure potential failure modes and help to ensure correct results Although intended primarily for in vitro diagnostics this document will also serve as a reference for clinical laboratory managers and supervisors who wish to learn about risk management techniques and processes cover CLSI document EP18 A2

Laboratory Quality Assurance Peter J. Howanitz,1987

Basic Quality Assurance and Quality Control in the Clinical Laboratory A. Wayne Bruce,1984-01-01 1E Includes co

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