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TECHNOPATH
CLINICAL DIAGNOSTICS



Presented By:

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Service at the University Hospital
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Friday 21 October
10:00 a.m.
Conference room 2.1

The Trade Fair and Congress
Center of Malaga, Av. de
José Ortega y Gasset, 201,
29006 Málaga, Spain

EDUCATIONAL WORKSHOP

Quality Control the Modern Way: Covering the Challenges of Today.

Clinical decisions and treatment rely very much on laboratory data. Therefore, it is important to deliver fast and highly reliable information from the medical laboratory. To do so quality control procedures are the key element. They should cover the analytical phase as well as the pre- and post-analytical phase.

In this workshop we will discuss some issues faced in daily routine work. Starting from the verification of calibration of the instrument to proceed with internal quality control as well as checking for reagent lot-to-lot variations and accuracy of the laboratory test results. By doing so we will cover the requirements of the ISO 15189 and beyond.

The use of independent quality control material may help to detect errors which are usually not seen with in-kit quality control material.

Consolidation, even in quality control will help reduction of work time, streamlining the analytical process and will deliver positive to the challenge of sustainability.

With some examples from the literature we will learn the challenges of quality control procedures as of today. From mistakes which were done in the past one will learn to do better in the future. Our final goal is to prevent the patient from any harm caused by misleading lab results. To have a high patient safety we maintain our daily work with the best available quality control procedures by using a proper consolidated quality control material.

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