

Quality Control of Qualitative Testing of SARS-CoV-2 in Clinical Laboratories

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AGENDA

- Introduction and Moderation - Khosrow Adeli
- The Context of Internal Quality Control for Qualitative Testing (e.g. SARS-CoV-2) - Wayne Dimech
- The Practice of Internal Quality Control for Qualitative Testing (e.g. SARS-CoV-2) - Joe Vincini
- Discussion including Q&A

ABSTRACT

The SARS-CoV-2 pandemic has created a unique challenge for laboratories to maintain the quality of testing. Traditional quality assurance programs, including internal quality control (IQC), provide a framework for assuring accurate test results. However, there are often difficulties in applying traditional approaches to IQC when testing infectious diseases serology such as SARS-CoV-2 serology.

IQC is intended to monitor the variation in testing systems and to determine if the variation detected is within acceptable limits. Results for SARS-CoV-2, as well as other infectious diseases, are qualitative in nature (detected / not detected), even though they are determined using a numerical value on an ordinal scale such as signal to cut-off (S/Co).

This presentation will describe the differences between clinical chemistry testing and infectious disease serology. By understanding these differences, laboratory staff can better understand the causes of variation in the test system. An alternative approach to traditional IQC methodology will be presented and case studies used to explain these concepts.

For more information on this workshop please contact education@technopathcd.com

PRESENTERS



Wayne Dimech

Executive Manager, Scientific and Business Relations at NRL, Australia (NRL) in Melbourne.

Wayne is a recognized expert in infectious disease serology and laboratory quality.



Joe Vincini

Quality Control Services Manager at NRL, Australia.

Joe is a Medical Scientist with several decade's experience in the development and implementation of quality control for infectious diseases.

