



WEBINAR on Clinical
Quality Control

Free Registration

Measurement uncertainty in medical laboratories and its impact on the clinical outcome

Live Webinar | July 28th, 2021 | SGT 1:00 – 2:00 PM (UTC + 08:00)



ISO 15189, section 5.5.1.4, requires “the laboratory shall determine measurement uncertainty for each measurement procedure in the examination phases used to report measured quantity values on patients’ samples.” The Measurement Uncertainty (MU) of a result represents the confidence interval around a measurement within which the true value exists. Although MU may not be a new idea for the laboratory, the present emphasis on statistics tends to overlook the far more significant problem of over-interpretation of results by clinicians. There are several areas where uncertainty in laboratory results can cause clinical problems. Examples include; Does this change in result reflect a pathological process? The choice of Reporting Unit Interval and the problem of using sharply defined cutpoints. We will also look at a closely related question in method evaluation. Is the MU of the new method good enough?

Speaker

Dr. Tony Badrick

Chief Executive, Royal College of Pathologists of Australasia-QAP

This webinar is organized under the auspices of Asia-Pacific Federation for Clinical Biochemistry and Laboratory Medicine (APFCB).



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