

“MEASURING DIAGNOSTIC ACCURACY IN MEDICAL LABORATORY, PATHOLOGY AND BEYOND”

Learn how to find, extract, calculate and interpret basic statistical parameters used to inform diagnostic accuracy using examples from breast, GI, ENT and gynecologic surgical pathology:

- o A. formulate answerable questions and testable hypothesis: PICO and PIRTO framing.
- o B. understand the concept of BIAS and strategies for assessment of bias in diagnostic pathology literature.
- o C. understand the differences between EXPLORATORY and CONFIRMATORY analyses in diagnostic pathology research.
- o D. understand the concept and numeric measurements of RISK.
- o E. understand the concepts and numeric measurements of DIAGNOSTIC ACCURACY and PRECISION.
- o F. understand the concept and numeric measurements of DIAGNOSTIC ACCURACY.
- o G. understand P-VALUE, its use and abuse and robust alternatives (95% CONFIDENCE INTERVALS).