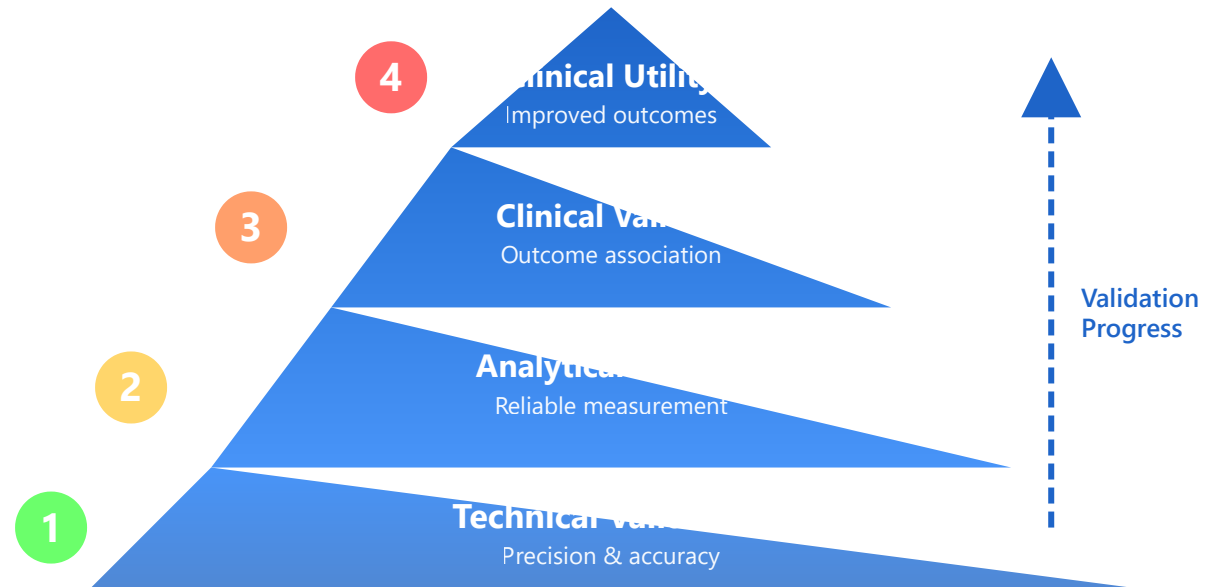


Validation Strategies



Technical

Assay precision, accuracy, and reproducibility in controlled settings



Analytical

Reliable and accurate measurement of biomarker across conditions



Clinical

Performance and association with outcome in patient population



Utility

Improves decision-making and patient outcomes in practice

Clinical Utility: Biomarker must improve decision-making and patient outcomes in practice