**Laboratory Medicine Best Practices (LMPB)**

Study Quality Appraisal Checklist

# Study Setting

* + Is information about the study setting provided (e.g., ICU, ED)?

# Practice

* + Is there a practice description that includes requirements and components for operations?
  + Is the duration (start and end dates) for the practice reported?

# Sample Population

* + Is the sample population identified (e.g., patients, samples, tests)?
  + Are number(s) and description(s) of participants or specimens provided (e.g., blood, urine)?
  + Is the selection criteria for participants or specimens provided (what was included and excluded)?

# Comparator Practice

* + Is there a comparison practice or standard (status quo)?
  + Are key characteristics (in relation to practice) described?

# Outcome Measures

* + Are measurement(s) to assess practice impact identified and defined (e.g., length of stay)?
  + Are the measure(s) relevant to the review question?
  + Is the method of data collection described?

# Results

* + Are findings described and supporting data provided?
  + Have appropriate analysis been performed?
  + Are reported findings clearly related to the practice of interest?