**Critical Appraisal Template: DIAGNOSIS**

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| **ARE THE RESULTS VALID?** | |
| Did the clinicians face diagnostic uncertainty? |  |
| Did the patient sample include an appropriate spectrum of patients to whom the diagnostic test will be applied in clinical practice? |  |
| Was there a blinded comparison with an independent gold standard? |  |
| Did the results of the test being evaluated influence the decision to perform the gold standard? |  |
| Were the methods for performing the test described in sufficient detail to permit replication? |  |
| **WHAT ARE THE RESULTS?** | |
| What is the sensitivity and specificity of the test? Were PPV and NPV calculated? |  |
| What likelihood ratios are associated with the range of possible test results? How big or small are the LRs (i.e. how much will they raise or lower the pretest probability of disease)? What are the Confidence Intervals around the LRs? |  |
| **HOW CAN I APPLY THIS TO THE CARE OF MY PATIENT(S)?** | |
| Will the reproducibility of the test result and its interpretation be satisfactory in my care setting? (e.g. is it feasible at my site?) |  |
| Are the results applicable to my patient (similar distribution of disease severity, similar distribution of competing diseases)? If unclear, is there a compelling reason why the results should not be applied? |  |
| Will the results change my management? Are the test LRs high or low enough to shift posttest probability across a test or treatment threshold? |  |
| Will patients be better off as a result of the test? Are the benefits worth the potential harms or costs? |  |