

## CRITICAL REVIEW FORM: DIAGNOSTIC TEST

**Citation:** Palomaki GE, *et al.* DNA sequencing of maternal plasma to detect Down syndrome: An international clinical validation study. *Genetics in Medicine* 2011; 13(11): 913-920. (methods appendix attached)

Guide		Comments
<b>I</b>	<b>Are the results valid?</b>	
1	Did the clinicians face diagnostic uncertainty?	
2	Was there blind comparison with an independent gold standard?	
3	Did the results of the test being evaluated influence the decision to perform the gold standard?	
<b>II</b>	<b>What are the results?</b>	
1	What likelihood ratios are associated with the range of possible test results?	
<b>III</b>	<b>How can I apply the results to my patient care?</b>	
1	Will the reproducibility of the test result and its interpretation be satisfactory in my setting?	
2	Are the results applicable to my patient?	
3	Will the results change my management?	
4	Will patients be better off as a result of this test?	