

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
I	Are the results valid?	
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?	
II	What are the results?	
1	What likelihood ratios are associated with the range of possible test results?	
III	How can I apply the results to my patient care?	
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?	