

Screening for ASD in Young Children
Quality scoring—Diagnostic accuracy studies

Reviewer: _____

RefID: _____

Question (Considerations)	Circle your assessment	Comments/Rationale
1. Test(s) clearly described (or referenced)?	Yes No	
2. Was the spectrum of patients representative of the patients who will receive the test in primary care? (For studies with children with impairments, consider if likely to be representative of the larger impaired population or does sample differ markedly in some way)	Yes No	
3. Were selection criteria clearly described?	Yes No	
4. Is the reference standard likely to correctly classify the target condition? (Diagnosis should include one of the following: A. clinical DSM-IV-based diagnosis + ADI-R + ADOS B. clinical DSM-IV-based diagnosis + ADOS OR ADI-R C. [clinical DSM-IV-based diagnosis + other] OR [ADOS + other, such as SRS, CARS, SCQ, CAST, ASSQ, OR STAT, MCHAT for under 30 months] D. Only clinical DSM-IV-based diagnosis OR Only ADOS)	Yes No	
5. Is the time period of the reference standard appropriate to confirm diagnosis? (Diagnosis generally between 2-4 years of age.)	Yes No	
6. Did the whole or random/selected sample receive reference test?	Whole Selected	
7. Did patients receive the same reference regardless of test results?	Yes No	
8. Was the reference standard independent of the test?	Yes No	
9. Was the execution test described in enough details to permit replication of the test?	Yes No	
10. Was the execution of the reference standard described in enough detail to permit replication of the test?	Yes No	

Question (Considerations)	Circle your assessment	Comments/Rationale
11. Were the index test and reference standard results interpreted independently (blinded)?	Yes No	
12. Were the same clinical data available when the test results were interpreted as would be available when the test is used in practice?	Yes No	
13. Were withdrawals from the study explained (post enrollment)?	Yes No	
14. Methods/data for calculating accuracy clearly reported?	Yes No	
15. Methods/data for calculating accuracy valid?	Yes No	