

Supplementary information 2. Individual QUADAS tool

	1. Representative patient spectrum	2. Clearly described selection criteria	3. Correct classifying reference standard	4. Adequate time period reference standard - index test	5. Whole sample verification using reference standard	6. Same reference standard regardless of index test	7. Independent reference standard	8. Detailed description of index test	9. Detailed description of reference standard	10. Interpretation index test without knowledge of reference standard	11. Interpretation reference standard without knowledge of index test	12. Clinical data availability same as in practice	13. Report of uninterpretable data	14. Explanation of withdrawals	Total
<i>Study author</i>															
Bachur et al.	yes	yes	yes	no*	yes	Yes	yes	yes	yes	yes	no*	no*	no	no	C
Bleeker et al.	yes	yes	yes	yes	no*	no*	no*	yes	yes	yes	no*	yes	yes	no	D
Brent et al.	yes	yes	yes	yes	no*	no*	no*	yes	yes	yes	no*	yes	yes	yes	D
Bruel et al	no***	yes	yes	yes	no*	no*	no*	yes	yes	unclear	no*	yes	no	yes	D
Craig et al.	yes	yes	yes	yes	no*	no*	no*	yes	yes	yes	no*	yes	no	yes	D
Galetto Lacour et al.	yes	yes	yes	yes	yes	Yes	yes	yes	yes	yes	yes	yes	no	no	B
Nijman et al.	yes	yes	yes	yes	no*	no*	no*	yes	yes	yes	no*	yes	yes	yes	D
Thompson	yes	yes	unclear	yes	no*	no*	no*	yes	no	yes	no*	yes	no	yes	D

* no reference test (cultures) for whole study sample, although there is a follow-up period included to reduce chance of missed serious infections

** retrospective study

*** all children with acute illness

QUADAS rating according to van den Bruel et al.:¹

- Studies fulfilling all QUADAS criteria were rated A.
- Studies without total verification with the reference standard or with interpretation of the index feature unblinded to the results of the reference standard were rated D.
- Studies without an independent reference standard, with interpretation of the reference standard unblinded to the results of the index feature, or with an unduly long period between recording of the index feature and outcome were rated C.
- All other studies were rated B.