

QUADAS-2 (unadjusted)

First author surname and year of publication:

Name of first reviewer: HF

Name of second reviewer:

Phase 1: State the review question:

Rapid Tests for Group A Streptococcal infections in people with a sore throat

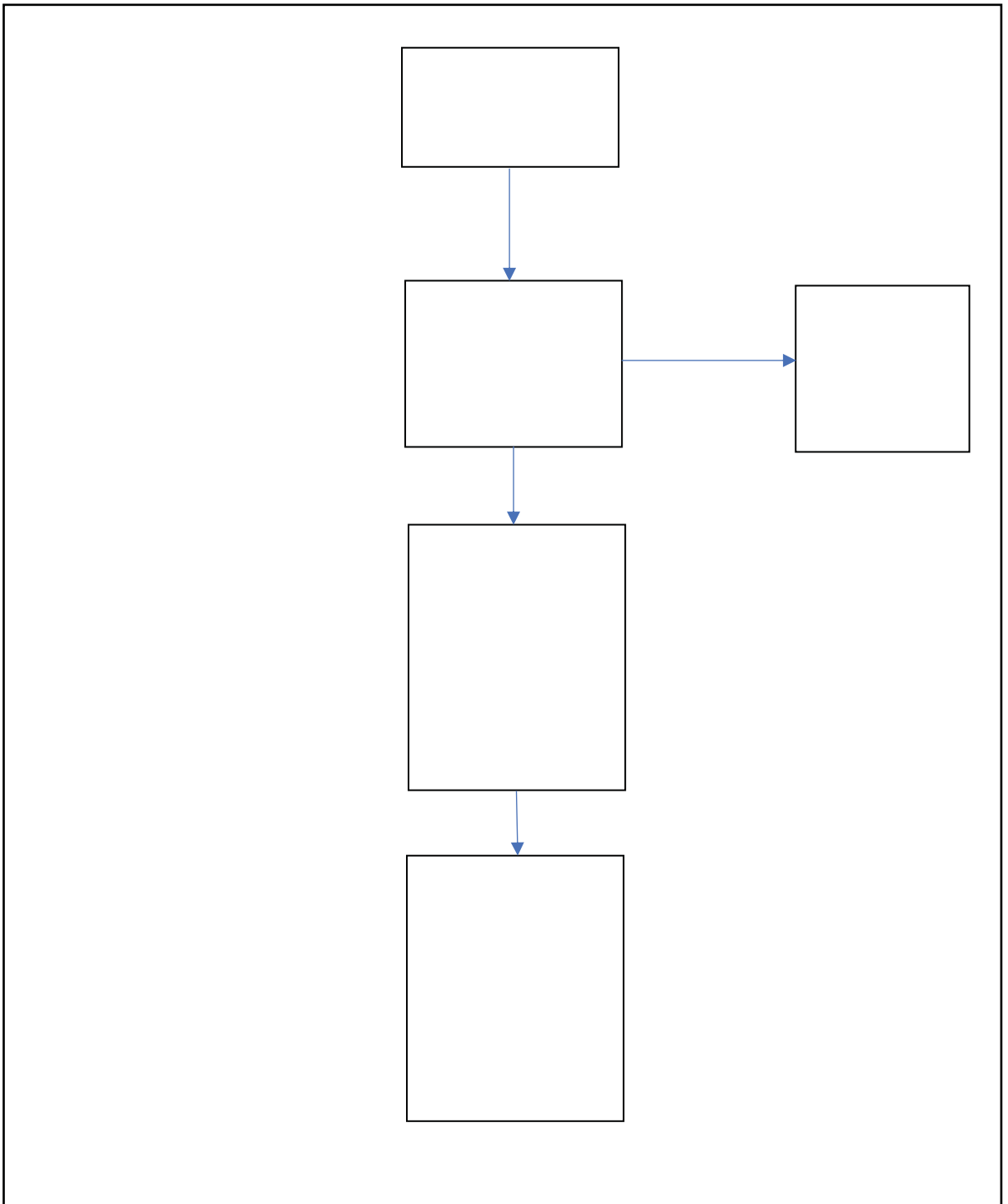
Patients (setting, intended use of index test, presentation, prior testing):

Index test(s):

Comparator(s):

Reference standard and target condition: Culture. Strep A

Phase 2: Draw a flow diagram for the primary study



Phase 3: Risk of bias and applicability judgments

QUADAS-2 is structured so that 4 key domains are each rated in terms of the risk of bias and the concern regarding applicability to the research question (as defined above). Each key domain has a set of signalling questions to help reach the judgments regarding bias and applicability.

DOMAIN 1: PATIENT SELECTION	
A. Risk of Bias	
Describe methods of patient selection:	
+ Was a consecutive or random sample of patients enrolled?	Yes/No/Unclear
+ Was a case-control design avoided?	Yes/No/Unclear
+ Were selection criteria clearly described?	Yes/No/Unclear
+ Did the study avoid inappropriate exclusions?	Yes/No/Unclear
+ Were patients seen in ambulatory care setting?	Yes/No/Unclear
Could the selection of patients have introduced bias?	RISK: LOW/HIGH/UNCLEAR
B. Concerns regarding applicability	
Describe included patients (prior testing, presentation, intended use of index test and setting):	
Is there concern that the included patients do not match the review question?	CONCERN: LOW/HIGH/UNCLEAR

DOMAIN 2: INDEX TEST(S)

If more than one index test was used, please complete for each test.

A. Risk of Bias

Describe the index test and how it was conducted and interpreted:

+ Were the index test results interpreted without knowledge of the results of the reference standard? Yes/No/Unclear

+ Was a separate swab undertaken for the index test? Yes/No/Unclear

+ If a threshold was used, was it pre-specified? Yes/No/Unclear

+ Is the test reading objective? Yes/No/Unclear

Could the conduct or interpretation of the index test have introduced bias?

RISK: LOW/HIGH/UNCLEAR

B. Concerns regarding applicability

Is there concern that the index test, its conduct, or interpretation differ from the review question?

**CONCERN:
LOW/HIGH/UNCLEAR**

DOMAIN 3: REFERENCE STANDARD

A. Risk of Bias

Describe the reference standard and how it was conducted and interpreted:

+ Was a separate swab taken for throat culture testing? Yes/No/Unclear

+ Is the reference standard likely to correctly classify the target condition? Yes/No/Unclear

+ Were the reference standard results interpreted without knowledge of the results of the index test? Yes/No/Unclear

Could the reference standard, its conduct, or its interpretation have introduced bias?

RISK: LOW/HIGH/UNCLEAR

B. Concerns regarding applicability

Is there concern that the target condition as defined by the reference standard does not match the review question?

**CONCERN:
LOW/HIGH/UNCLEAR**

DOMAIN 4: FLOW AND TIMING

A. Risk of Bias

Describe any patients who did not receive the index test(s) and/or reference standard or who were excluded from the 2x2 table (refer to flow diagram):

Describe the time interval and any intervention between index tests(s) and reference standard:

+ Was there an appropriate interval (same appointment) between index test(s) and reference standard?	Yes/No/Unclear
+ Did all patients receive a reference standard?	Yes/No/Unclear
+ Did all patients receive the same reference standard?	Yes/No/Unclear
+ Were both index test(s) and reference standard (and comparator where included) all carried out prior to the commencement of antibiotics?	Yes/No/Unclear
+ Were all patients included in the analysis?	Yes/No/Unclear

Could the patient flow have introduced bias?

RISK: LOW/HIGH/UNCLEAR