**Supplementary Table S1:** The QUADAS tool Item

| Item                                                                 | Yes | No | Unclear |
|---------------------------------------------------------------------|-----|----|---------|
| 1. Was the spectrum of patients representative of the patients who will receive the test in practice? | (13) | (−) | (−)     |
| 2. Were selection criteria clearly described?                       | (13) | (−) | (−)     |
| 3. Is the reference standard likely to correctly classify the target condition? | (13) | (−) | (−)     |
| 4. Is the time period between reference standard and index test short enough to be reasonably sure that the target condition did not change between the two tests? | (8)  | (−) | (5)     |
| 5. Did the whole sample or a random selection of the sample, receive verification using a reference standard of diagnosis? | (13) | (−) | (−)     |
| 6. Did patients receive the same reference standard regardless of the index test result? | (13) | (−) | (−)     |
| 7. Was the reference standard independent of the index test (i.e., the index test did not form part of the reference standard)? | (13) | (−) | (−)     |
| 8. Was the execution of the index test described in sufficient detail to permit replication of the test? | (10) | (−) | (3)     |
| 9. Was the execution of the reference standard described in sufficient detail to permit its replication? | (13) | (−) | (−)     |
| 10. Were the index test results interpreted without knowledge of the results of the reference standard? | (−)  | (3) | (10)    |
| 11. Were the reference standard results interpreted without knowledge of the results of the index test? | (13) | (−) | (−)     |
| 12. Were the same clinical data available when test results were interpreted as would be available when the test is used in practice? | (13) | (−) | (−)     |
| 13. Were uninterpretable/intermediate test results reported?         | (13) | (−) | (−)     |
| 14. Were withdrawals from the study explained?                      | (13) | (−) | (−)     |
### Supplementary Table S2: The Quadas Tool 2

|                             | Bias                  | Applicability         |
|-----------------------------|-----------------------|-----------------------|
|                             | Patient Selection     | Index Test            |
|                             | Reference Standard    | Flow and Timing       |
|                             | Patient Selection     | Index Test            |
|                             | Reference Standard    |                       |
| Mirzaei                     | Low                   | Low                   |
|                             | Low                   | Low                   |
| Mirzaei                     | Low                   | Low                   |
|                             | Low                   | Low                   |
| Da Costa Lima Junior        | Low                   | High                  |
|                             | Low                   | Low                   |
| Pessoa-E-Silva              | Low                   | Low                   |
|                             | Low                   | Low                   |
| Almerice Lopes da Silva     | Low                   | Low                   |
|                             | Low                   | Low                   |
| Hernández                   | Low                   | Low                   |
|                             | Low                   | Low                   |
| Phumee                      | Low                   | Low                   |
|                             | Low                   | Low                   |
| Veland                      | Low                   | High                  |
|                             | Low                   | Low                   |
| Fisa                        | Low                   | Low                   |
|                             | Low                   | Low                   |
| Motazedian                  | Low                   | Low                   |
|                             | Low                   | Low                   |
| Manna                       | Low                   | Low                   |
|                             | Low                   | Low                   |
| Solano-Gallego              | Low                   | Unclear               |
|                             | Low                   | Low                   |
| Francesch                   | Low                   | High                  |
|                             | Low                   | Low                   |
**Supplementary Figure S1:** The Quadas Tool 2 graph

- **FLOW AND TIMING:**
  - Low: 0%
  - High: 0%
  - Unclear: 0%

- **REFERENCE STANDARD:**
  - Low: 0%
  - High: 0%
  - Unclear: 0%

- **INDEX TEST:**
  - Low: 0%
  - High: 0%
  - Unclear: 0%

- **PATIENT SELECTION:**
  - Low: 0%
  - High: 0%
  - Unclear: 0%

Proportion of studies with low, high or unclear RISK of BIAS

Proportion of studies with low, high, or unclear CONCERNS regarding APPLICABILITY