## Appendix B. Quality Assessment Tool for Diagnostic Accuracy Studies

| Study                          | Could the selection of patients have introduced bias? | Could the conduct or interpretation of the index test have introduced bias? | Could the reference standard, its conduct, or its interpretation have introduced bias? | Could the patient flow have introduced bias? | Are there concerns that the included patients and setting do not match the review question? | Are there concerns that the index test, its conduct, or interpretation differ from the review question? | Are there concerns that the target condition as defined by the reference standard does not match the question? |
|-------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Chu et al, 200724              | Unclear                                              | Unclear                                                                     | Low                                                                             | Low                                      | Low                                                                                             | Low                                                                                             | Low                                                                                             |
| Crouter et al, 201518          | High                                                 | High                                                                        | High                                                                            | High                                    | High                                                                                             | Low                                                                                             | Low                                                                                             |
| Duncan et al, 201623           | High                                                 | High                                                                        | Unclear                                                                         | Unclear                                 | Low                                                                                             | Low                                                                                             | Low                                                                                             |
| Hager et al, 201517            | High                                                 | High                                                                        | High                                                                            | High                                    | Low                                                                                             | Low                                                                                             | Low                                                                                             |
| Pfeiffer et al, 200622         | High                                                 | Unclear                                                                     | Low                                                                             | High                                    | Unclear                                                                            | Low                                                                                             | Low                                                                                             |
| Phillips et al, 201321         | High                                                 | Low                                                                         | Unclear                                                                         | Low                                     | High                                                                                             | Low                                                                                             | Low                                                                                             |
| Puyau et al, 200412            | High                                                 | High                                                                        | High                                                                            | Unclear                                 | Low                                                                                             | Low                                                                                             | High/Unclear                                      |
| Romanzini et al, 201219        | High                                                 | Low                                                                         | Low                                                                             | Unclear                                 | Low                                                                                             | Low                                                                                             | Low                                                                                             |
| Roscoe et al, 201726           | High                                                 | High                                                                        | High                                                                            | High                                    | Low                                                                                             | Low                                                                                             | Low                                                                                             |
| Santos-Lozano et al, 201320    | High                                                 | Low                                                                         | Unclear                                                                         | Unclear                                 | High                                                                                             | Low                                                                                             | High/Unclear                                      |
| Schaefer et al, 201425         | High                                                 | Low                                                                         | High                                                                            | High                                    | High                                                                                             | Low                                                                                             | Low                                                                                             |

*High, low, and unclear refer to the risk of bias.*