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| Supplemental Table 1. Original and Adapted QUADAS-2 Signaling Questions |
| Version | **Patient Selection** | **Index Test** | **Reference Standard** | **Flow & Timing** |
| Original QUADAS-2 | Q1: Was a consecutive or random sample of patients enrolled?  | Q2: Was a case-control design avoided? | Q3: Did the study avoid inappropriate exclusions? | Q4: Were the index test results interpreted without knowledge of the results of the reference standard? | Q5: If a threshold was used, was it prespecified? | None | Q6: Is the reference standard likely to correctly classify the target condition? | None | Q7: Was the reference standard results interpreted without knowledge of the results of the index test?  | Q8: Was there an appropriate interval between index tests and reference standard? | Q9: Did all patients receive a reference standard? | Q10: Did all patients receive the same reference standard? | Q11: Were all patients included in the analysis? |
| First adaptation | Q1: Not changed | Q2: Was the sampling frame adequately described and were results weighted back to the source population (if applicable)? | Q3: Not changed | Q4: Not changed | Q5: Was the threshold for the index test prespecified? | Q6: Were patients with inadequate, indeterminate, or missing index test results reported? | Q7: Not changed | Q8: Are outcomes separately reported as CIN2+ and CIN3+? | Q9: Was interpretation of the reference test carried out without being influenced by the specific results of the index test? | Q10: Was the interval between sample collection for testing and application of the reference acceptable and similar to what would be done in clinical practice? | Q11: Not changed | None | Q12: Were all enrolled study patients included in the analysis?  |
| Final adaptation | Q1: Was a consecutive or random sample of patients enrolled? If sampling was performed, was the sampling frame adequately described? | Q2: Did the study avoid inappropriate exclusions? | Q3: Did the study avoid exclusion of a substantial number from the source population due to missing data? | Q4: Not changed | Q5: Not changed | Q6: Not changed | Q7: Not changed | Q8: Are the distributions of CIN2, CIN3, and cancer endpoints reflective of the case mix that would be encountered in clinical practice ? | Q9: Not changed | Q10: Not changed | Q11: Not changed | None | Q12: Not changed |
| Abbreviations: QUADAS-2, Quality Assessment of Diagnostic Accuracy Studies-2; Q, Question; CIN, cervical intraepithelial neoplasia  |