Table S1: Supplementary Table for Risk of Bias Assessment

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Study type** | **Risk of Bias Applicability Concerns** | | | | | | |
|  | **Patient Selection** | **Index Tests** | **Reference Standard** | **Flow and Timing** | **Patient Selection** | **Index Tests** | **Reference Standard** |
| 1. | Alejandro et al. 2023 | Unclear | Unclear | Unclear | High | Unclear | Unclear | Unclear |
| 2. | Odusam et al. 2023\_1 | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear |
| 3. | Odusam et al. 2023\_2 | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear |
| 4. | Zhu et al. 2022 | Unclear | High | Low | Unclear | Unclear | High | Low |
| 5. | Tang et al. 2023\_1 | High | Low | Low | Low | High | Low | Low |
| 6. | Tang et al. 2023\_2 | High | Low | Low | Low | High | Low | Low |
| 7. | Tang et al. 2023\_3 | High | Low | Low | Low | High | Low | Low |
| 8 | Liu et al. 2023 | Unclear | High | Unclear | Unclear | Unclear | High | Unclear |
| 9. | Dhinagar et al. 2023 | Low | Low | Low | Unclear | Low | Low | Low |
| 10. | Pan et al. 2022 | Unclear | Low | Low | High | Unclear | Low | Low |
| 11. | Khatri et al.2024\_1 | Low | Unclear | Unclear | Low | Low | Unclear | High |
| 12. | Khatri et al.2024\_2 | Low | Unclear | Unclear | Low | Low | Unclear | High |
| 13. | khan et al.2024 | Unclear | Unclear | Low | Unclear | Low | High | Low |
| 14. | Aghdam et al.2024\_1 | High | High | Low | Unclear | High | High | Low |
| 15. | Aghdam et al.2024\_2 | High | High | Low | Unclear | High | High | Low |
| 16. | Huang et al | Low | Low | Low | Unclear | Low | Low | Low |