

Appendices

Appendix A: Combination of Search terms

Intervention terms	Outcome terms
“early warning”	“maternal mortality” (MeSH)
“early detection”	“maternal morbidity” (MeSH)
“track and trigger”	“obstet* complication”
“monitoring chart”	“obstet* haemorrhage”
“vital\$ chart”	“matern* outcome”
EWS	“matern* sepsis”
MOEWS	“eclampsia”
MEOWS	“chorioamnionitis”

Appendix B1: Quality assessment tool

Domain	Signalling questions	Scoring	
Patient selection Risk of bias	Was a continuous or random sample of participants enrolled?	Yes No Unclear	
	Did the study avoid unnecessary exclusions?	Yes No Unclear	
	Applicability concern	Are there concerns that the included participants do not match the review questions?	Yes No Unclear
	Index test Risk of bias	Were the reference range adjusted for physiological change in pregnancy?	Yes No Unclear
		Was the trigger threshold prespecified?	Yes

		No
		Unclear
Applicability concern	Are there concerns that the index test, its conduct or interpretation differ from review questions?	Yes
		No
		Unclear
Reference standard	Is the index test compared to a reference standard	Yes
		No
Risk of bias		Unclear
	Were the reference standard results interpreted without knowledge of the results of the index test	Yes
		No
		Unclear
Applicability concern	Are there concerns that the target condition as defined by the reference standard does not match the review questions?	Yes
		No
		Unclear
Flow of participants	Is the attrition rate acceptable (<20%)?	Yes
		No
Risk of bias		Unclear
Applicability concern	Could the drop out participants or missing data be systematically similar to those who completed?	Yes
		No
		Unclear

[Appendix B2: QUADAS-2 Scoring guideline \(order of answers not important\)](#)

Risk of bias		
Score	Question 1	Question 2
Low	Yes	Yes
	Yes	Unclear
High	No	No
	No	Unclear

Unclear	Yes	No
	Unclear	Unclear
Concern about applicability		
Low	Yes	
High	No	
Unclear	Unclear	

Appendix C: Quality of individual studies

Study	RISK OF BIAS				CONCERN ABOUT APPLICABILITY		
	Patient selection	Index test	Reference standard	Participants flow	Patient selection	Index test	Reference standard
Singh S et al, 2012	L	L	H	L	L	L	L
Carle C et al, 2013	L	L	L	U	L	L	U
Singh A et al, 2016	L	L	H	L	L	L	U
Hedriana HL et al, 2016	U	L	U	L	L	L	H
Ryan HM et al, 2017	L	L	H	L	L	L	L
Paternino-Caicedo et al, 2017	U	L	L	L	L	L	L
Edwards ES et al, 2015	U	L	L	H	L	L	L
Lappen RJ et al, 2010	U	U	L	H	L	H	U
Von-Dadelszen P et al, 2011	L	L	U	L	L	H	U
Payne BA et al,	L	L	U	L	L	H	U

2014

Nathan HL et al,
2017

L U H L L U H

Austin DM et al,
2013

H L U L L U U

Maguire PJ et al,
Karen AP 2015

L L U U L L U

Maguire PJ, Amy
C.O et al, 2015

L L U H L L U

Shields E L et al
2016

L L U H L L L

Sheikh S et al,
2017

L H U L L H U

Merriell A et al,
2017

U L U L L L U

L = Low, H = High, U=Unclear