

Supplementary table 2: Critical Appraisal tool modified from the Newcastle Ottawa Score (NOS):

Type of bias	Low risk of bias	High risk of bias
Selection		
Representativeness of cases (case-control studies) Representativeness of the exposed cohort (cohort studies) Representativeness of the study population (cross-sectional studies)	Consecutive or obvious representative series of cases (i.e. If drawn from all hospital records or a geographical area)	Non random sample from community Selected only during day/night time Excluding group at higher/lower risk of augmentation
Selection of controls (case control studies) Selection of unexposed cohort (cohort studies)	Community population, Same labour ward as the cases Not admitted to NICU/special care units	NICU/special care units Different labour ward than the cases
End point (only applicable for studies measuring stillbirths)	Distinguishing between pre-hospital and intra hospital stillbirths.	Not distinguishing between pre-hospital and intra-hospital stillbirths.
Comparability		
Control for confounders	Study controls for labour duration and induction.	Study does not control for labour duration and induction.
Outcomes (Stillbirth, Apgar score, resuscitation, and encephalopathy)		
Assessment of outcome	<u>Apgar score, resuscitation, and encephalopathy:</u> Independent blind assessment (researcher observing the birth outcome without knowing the exposure). Record linkage with validated records. <u>Stillbirths and day-one mortality</u> Parental information. Medical records, validated. Clinical observation.	<u>Apgar score, resuscitation and encephalopathy:</u> Non-blinded assessment. Medical records, not validated. Parental information. <u>Stillbirths and day-one mortality:</u> Medical records not validated (underreporting of stillbirths).
Exposure (oxytocin)		
Ascertainment of exposure (oxytocin)	Records incl. assessment of whether oxytocin is reliably documented: I.e. validation through observations. Direct observations.	Medical records, not validated. Parental interview/questionnaire.
Same method for ascertainment of cases and controls	Yes	No
Incomplete data	Same rate for both groups. Incomplete data < 10 %.	Different rate or not described. Incomplete data > 10 %.

Van Roosmalen, 1989	Green					Red			Red
Obel, 2021	Green					Red			Red
Munan, 2017	Green					Red			Red
Azandegbé, 2004	Green					Red			Red
Spitzer, 2014	Green					Red			Green
Lyengar, 2009	Green					Red			Red

Green: low risk of bias. Red: High risk of bias. White: not applicable