Supplemental material

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Supplementary Table 3: Results of the Bias Evaluation (see following sheets for the questionnaires used)

| Author Year | Incidence of NE | | | | | Outcomes of NE | | | | | | | | TOTAL STARS |
| | Selection | | Outcomes | | | Selection | | Neonatal mortality | | | Developmental Outcomes | | | |
	Representativeness	Ascertainment of hypoxia	Assessment of NE	Length of Follow-up	Adequacy of Follow-up	Representativeness	Ascertainment of NE	Assessment of death	Length of Follow-up	Adequacy of Follow-up	Assessment of dev.disability	Length of Follow-up	Adequacy of Follow-up	
Incidence:														Max 2+3
Yang 2019	a*	a*	b	b	d									2+0
Incidence and neonatal mortality:														Max 2+3/2+3
Horn 2013	a*	a*	b	b	b*	a*	b	a*	b	d				2+1/1+1
Moshiro 2020	c	b	b	b	a*	c	c	a*	c	a*				0+1/0+2
Niaz 2021	c	a*	b	b	a*	c	b	a*	b	a*				1+1/0+2
Incidence, neonatal mortality and developmental outcome:														Max 2+3/2+3+3
Lally 2014	c	b	a*	b	a*	c	b	a*	b	a*	a*	a*	c	0+2/0+2+2
Neonatal mortality:														Max 2+3
Aly 2015						c	c	a*	a*	a*				0+3
Bharadwaj 2012						c	b	a*	b	b*				0+2
Biselele 2013						c	b	a*	a*	d				0+2
Biselele 2020						c	b	a*	a*	d				0+2
Biselele 2018						c	a*	a*	b	b*				1+2
Biselele 2014						c	b	a*	b	d				0+1
Bozkurt 2020						c	b	a*	b	d				0+1
El Shimi 2014						c	b	a*	b	b*				0+2
Enweronu-L 2019						c	a*	a*	b	c				1+1
Hassanein 2017						c	b	b	c	a*				0+1
Horn 2010						c	b	a*	b	a*				0+2
Horn 2012						c	b	a*	b	a*				0+2
Kinoshita 2021						c	c	a*	b	c				0+1
Martinez-H 2020						c	b	a*	b	d				0+1
Oliveira 2018						c	c	a*	b	a*				0+2
Onay 2021						c	b	b	c	c				0+0
Prashantha 2019						c	b	a*	b	c				0+1
Shabeer 2017						c	b	a*	b	c				0+1
Shrestha 2020						c	b	a*	b	c				0+1
Tanigasalam 2016						c	b	a*	b	b*				0+2
Thomas 2018						c	b	a*	b	c				0+1
Umran 2016						c	b	a*	b	c				0+1
Variane 2017						c	b	b	c	c				0+0
Yang & Li 2020						c	b	a*	b	a*				0+2
Neonatal mortality and developmental outcome:														Max 2+3+3
Aker 2021						c	b	a*	a*	b*	a*	a*	b*	0+3+3

Study	1	2	3	4	5	6	7	8	9	10	11	12	13	Total
Catherine 2021						c	b	a*	c	d	a*	a*	b*	0+1+3
Catherine 2020						c	b	a*	c	d	a*	a*	b*	0+1+3
Celik 2015						c	b	a*	b	b*	a*	a*	b*	0+2+3
Celik 2016						c	b	a*	b	b*	a*	a*	b*	0+2+3
Das 2021						c	b	a*	a*	a*	a*	a*	a*	0+3+3
Gucuyener 2012						c	b	a*	a*	a*	a*	a*	c	0+3+2
Jia 2018						c	b	b	a*	a*	b	a*	a*	0+2+2
Khuwuthyakorn 2021						c	b	b	b	a*	a*	a*	b*	0+1+3
Malla 2017						c	a*	a*	a*	b*	a*	a*	a*	1+3+3
Maoulainine 2017						b*	c	a*	b	d	b	a*	c	1+1+1
Perez 2018						c	b	b	c	a*	a*	a*	a*	0+1+3
Procianoy 2019						c	b	a*	b	a*	a*	a*	b*	0+2+3
Sun 2012						c	a*	a*	a*	a*	a*	a*	a*	1+3+3
Thayyil 2021						c	a*	a*	b	c	a*	a*	c	1+1+2
Valera 2015						c	b	a*	a*	b*	a*	a*	b*	0+3+3
Zhou 2010						c	a*	a*	c	d	a*	a*	c	1+1+2
Zhu 2009						c	a*	a*	a*	c	a*	a*	c	1+2+2
Zou 2019						c	a*	a*	b	a*	a*	a*	b*	1+2+3
Developmental outcome:														Max 2+3
Ballot 2020						c	b				a*	a*	d	0+2
Charki 2020						c	b				b	a*	c	0+1
Koshy 2011						c	b				a*	a*	c	0+2
Mbatha 2021						c	b				a*	a*	c	0+2
Weng 2021						c	c				a*	a*	a*	0+3
SUM	a*=2 b*=0 c=4 d=0	a*=2 b=4 c=0	a*=1 b=5 c=0	a*=0 b=6	a*=3 b*=1 c=0 d=2	a*=1 b*=1 c=49 d=0	a*=8 b=37 c=6 d=0	a*=40 b=6	a*=11 b=28 c=7	a*=17 b*=9 c=11 d=9	a*=21 b=3 c=0	a*=24 b=0 c=0	a*=6 b*=8 c=9 d=1	
Reports evaluated for the question	6	6	6	6	6	51	51	46	46	46	24	24	24	