

Supplementary Table

Table S2. SYNTHESISED DATA

No	Study reference & Journal	Participants	Perinatal/Postnatal Outcomes					Ultrasound/Imaging Examinations		
			IUFD	IUGR	LBW	ND	MD	Uterine artery Doppler	Umbilical Artery Doppler	General Obstetrics
1 (17)	(Aly et al., 2016)	Sample size= 91 No chronic HTN= 36 No Gestational HTN= nr	√	√	√	√	x	x	√	√
2 (18)	(Aslan, Yeler, Yuvacı, et al., 2020)	Sample size= 175 No chronic HTN= nr No Gestational HTN= nr	√	x	√	x	x	x	x	√
3 (19)	(Barton et al., 1997)	Sample size= 758 No chronic HTN= 758 No Gestational HTN= nr	√	√	√	√	x	x	√	√
4 (20)	(Bernard et al., 2019)	Sample size= 6761 No chronic HTN= nr No Gestational HTN= 202	x	x	x	x	x	x	x	√
5	(Bewley et al., 1991)	Sample size= 925. No chronic HTN= nr	√	x	√	√	x	√	x	√

(21)		No Gestational HTN= nr								
6	(Brew et al., 2022)	Sample size= 60,054.	x	x	√	√	x	x	x	x
(22)		No chronic HTN= 1,863								
		No Gestational HTN= nr								
7	(Buyon et al., 2015)	Sample size= 385	√	√	√	√	x	√	√	√
(23)		No chronic HTN= nr								
		No Gestational HTN= nr								
8	(Clemenza et al., 2022)	Sample size= 253	√	√	√	x	x	√	√	√
(24)		No chronic HTN= 4								
		No Gestational HTN= 8								
9	(Hernandez et al., 2002)	Sample size= 103	√	√	x	x	x	√	√	√
(25)		No chronic HTN= 8								
		No Gestational HTN= 5								
10	Chiaie et al., 2001	Sample size= 30	√	x	x	x	x	√	√	√
(26)		No chronic HTN= nr								
		No Gestational HTN= 2								
11	(Filippi et al., 2011)	Sample size= 240	√	√	√	√	x	√	√	√
(27)		No chronic HTN=28								
		No Gestational HTN= 17								

12 (28)	(Harrington et al., 1997)	Sample size= 652 No chronic HTN= 30 No Gestational HTN= nr	x	x	√	x	x	√	√	√
13 (29)	Lees et al., 2001	Sample size= 5121 No chronic HTN= nr No Gestational HTN= 2	√	√	√	x	x	√	√	√
14 (30)	(Lesser et al., 2022)	Sample size= 32 No chronic HTN= nr No Gestational HTN= 3	√	√	√	√	x	√	√	√
15 (31)	(Mahmood et al., 2019)	Sample size= 622 No chronic HTN= nr No Gestational HTN= 134	√	√	√	√	x	√	√	√
16 (32)	(McBride et al., 2015)	Sample size= 88,275 No chronic HTN= 21,896 No Gestational HTN= nr	x	√	√	x	x	x	x	x
17 (33)	(Monari et al., 2022)	Sample size= 783 No chronic HTN= 35 No Gestational HTN=61	√	x	x	x	x	x	x	√
18 (34)	(Papastefanou et al., 2020)	Sample size= 124,443 No chronic HTN= 1569 No Gestational HTN= nr	x	√	√	x	x	x	x	x

19 (35)	(Randrianaivo et al., 2006)	Sample size= 21,495 No chronic HTN= 4 No Gestational HTN=15	√	√	√	√	√	√	√	√
20 (36)	(Schutte et al., 2008)	Sample size= 27 No chronic HTN= nr No Gestational HTN= nr	√	x	x	x	√	x	x	√
21 (37)	(Shen et al., 2017b)	Sample size= 1,054 No chronic HTN= 11 No Gestational HTN= 55	√	√	√	x	x	√	√	√
22 (38)	(Singh et al., 2015)	Sample size= 12 No chronic HTN= nr No Gestational HTN=8	x	x	x	√	x	x	x	x
23 (39)	(Trudell et al., 2017)	Sample size= 64,173 No chronic HTN= 1,430 No Gestational HTN= nr	√	x	x	x	x	x	x	√
24 (40)	(Gracia et al., 2004)	Sample size= 154 No chronic HTN= nr No Gestational HTN= nr	√	√	√	√	x	√	√	√
25 (41)	(Waller et al., 1991)	Sample size= 612 No chronic HTN= nr No Gestational HTN= nr	√	x	x	x	x	x	√	√

26 (42)	(Villar et al., 2006b)	Sample size= 39,615 No chronic HTN= nr No Gestational HTN= 2,748	√	√	x	√	x	x	x	√
27 (43)	(Vaneek et al., 2004)	Sample size= 114,965 No chronic HTN= 1807 No Gestational HTN= nr	√	√	√	√	x	x	x	x
28 (44)	(Marchand et al., 2016)	Sample size= 413 No chronic HTN= nr No Gestational HTN= 14	x	x	√	x	x	x	x	x
29 (45)	(Ushida et al., 2021)	Sample size= 17,119 No chronic HTN= nr No Gestational HTN= 698	x	x	√	x	x	x	x	x
30 (46)	(Sibai et al., 2011)	Sample size= 739 No chronic HTN= 369 No Gestational HTN=	√	√	√	√	x	√	√	√
31 (47)	(Xk et al., 2006)	Sample size= 17,432,987 No chronic HTN= nr No Gest. HTN=676,392	x	x	x	√	x	√	x	√
32 (48)	(Ahmad & Samuelsen, 2012)	Sample size= 2,121,371 No chronic HTN= 4,642 No Gest. HTN=32,068	√	x	√	x	x	x	x	x

33 (49)	(Adu-Bonsaffoh et al., 2017)	Sample size= 368 No chronic HTN= 23 No Gestational HTN=184	√	√	√	√	√	x	x	√
34 (50)	(Heard et al., 2004)	Sample size= 70,386 No chronic HTN=639 No Gestational HTN=5356	√	√	x	√	x	x	x	x
35 (51)	(Nurgaliyeva et al., 2020)	Sample size= 2548 No chronic HTN= nr No Gestational HTN= nr	√	x	x	√	x	x	x	√
36 (52)	(Yücesoy et al., 2005)	Sample size= 255 No chronic HTN= 29 No Gestational HTN=nr	√	√	x	√	√	x	√	√
37 (53)	(Ananth & Basso, 2010)	Sample size= 57, 208,959 No chronic HTN= nr No Gestational HTN=nr	√	x	√	√	x	x	x	x
38 (54)	(Surányi et al., 2017)	Sample size= 226 No chronic HTN= 43 No Gestational HTN=57	x	√	√	x	x	√	√	√
39 (55)	(Hauth et al., 2000)	Sample size= 4,302 No chronic HTN= nr No Gestational HTN=1073	√	√	√	x	x	x	√	x

40 (56)	(Roberts et al., 2005)	Sample size= 250,173 No chronic HTN= 1411 No Gest. HTN=10,864	√	x	√	√	√	x	x	x
41 (57)	(Hinkosa et al., 2017)	Sample size=597 No chronic HTN= 4 No Gestational HTN=28	√	x	√	√	√	x	x	x
42 (8)	(Berhe et al., 2019)	Sample size= 798 No chronic HTN= nr No Gestational HTN=20	√	x	√	√	x	x	x	x
43 (58)	(Seyom et al., 2015)	Sample size= 5415 No chronic HTN= nr No Gestational HTN=121	√	x	√	√	√	x	x	X
44 (59)	(Nie et al., 2024)	Sample size= 500 No chronic HTN 500 No Gestational HTN	√	√	√	x	x	x	√	√

Intrauterine fetal demise (IUFD), intrauterine growth restriction (IUGR), low birth weight (LBW), neonatal death (ND), maternal death (MD), not reported (nr)