

評価対象論文リスト(要因:妊娠中に妊娠高血圧症候群があった人、アウトカム:早産・低出生体重児・在胎不当過小児)

評価判定日:2025/3/28

①既存の系統的レビュー・メタ解析・統合解析

1	Jin M, Liu X, Liu X, et al. Association of pre-/early pregnancy high blood pressure and pregnancy outcomes: a systemic review and meta-analysis. <i>J Matern Fetal Neonatal Med.</i> 2024;37(1):2296366. doi:10.1080/14767058.2023.2296366
2	Bramham K, Parnell B, Nelson-Piercy C, Seed PT, Poston L, Chappell LC. Chronic hypertension and pregnancy outcomes: systematic review and meta-analysis. <i>BMJ.</i> 2014;348:g2301. Published 2014 Apr 15. doi:10.1136/bmj.g2301
3	Nur'aini, Rizky & Ratnasari, Andika Putri. (2024). The Effect of Hypertension on the Risk of Premature Birth: Meta Analysis with Binary Data. <i>International Journal of Scientific Research and Management (IJSRM).</i> 12. 479-485. 10.18535/ijssrm/v12i06.m01.
4	Li F, Wang T, Chen L, Zhang S, Chen L, Qin J. Adverse pregnancy outcomes among mothers with hypertensive disorders in pregnancy: A meta-analysis of cohort studies. <i>Pregnancy Hypertens.</i> 2021;24:107-117. doi:10.1016/j.preghy.2021.03.001
5	Arulparithi, C. S., Manjani, S., & Prakash, P. (2023). Outcome of neonates born to mothers with pregnancy induced hypertension/preeclampsia: a systematic review. <i>International Journal of Contemporary Pediatrics,</i> 10(6), 920–924. https://doi.org/10.18203/2349-3291.ijcp20231501
6	Muluaalem G, Wondim A, Woretaw A. The effect of pregnancy induced hypertension and multiple pregnancies on preterm birth in Ethiopia: a systematic review and meta-analysis. <i>BMC Res Notes.</i> 2019;12(1):91. Published 2019 Feb 18. doi:10.1186/s13104-019-4128-0

②日本人集団の個別疫学研究

7	Poudel K, Kobayashi S, Miyashita C, et al. Hypertensive Disorders during Pregnancy (HDP), Maternal Characteristics, and Birth Outcomes among Japanese Women: A Hokkaido Study. <i>Int J Environ Res Public Health.</i> 2021;18(7):3342. Published 2021 Mar 24. doi:10.3390/ijerph18073342
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■メタ解析、系統的レビュー

Reference			Include study		Odds ratio (95% CI or p)	Magnitude of association
Author	Title	Year	No. of included studies	Event (*Definition)		
Li F	Adverse pregnancy outcomes among mothers with hypertensive disorders in pregnancy: A meta-analysis of cohort studies	2021	49	SGA	3.389 (2.859 to 4.017)	↑↑↑
			39	LBW	5.016 (4.039 to 6.231)	↑↑↑
			75	PTB	4.195 (3.586 to 4.907)	↑↑↑

■コホート研究(コホートのプール解析含む)

Reference			Study subjects						Category	Number among cases	Relative risk (95%CI or p)	P for trend	Confounding variables considered	Magnitude of association
Author	Title	Year	Study period	Number of subjects	Source of subjects	Event followed	Number of incident cases or deaths	Participant's race						
Poudel K	Hypertensive Disorders during Pregnancy (HDP), Maternal Characteristics, and Birth Outcomes among Japanese Women: A Hokkaido Study	2021	February 2003 to September 2012	18833	Hokkaido Study on Environment and Children's Health	SGA	1340	Japanese	HDP No (n = 18470)	1290	Reference	<0.001	age, parity, smoking during the first trimester, drinking alcohol during the first trimester	↑↑↑
									HDP Yes (n = 363)	50	2.14 (1.41, 3.26)			
									HDP No (n = 18470)	1310	Reference			
									HDP Yes (n = 363)	77	2.94 (2.09, 4.13)			
									HDP No (n = 18470)	1841	Reference			
									HDP Yes (n = 363)	104	4.10 (3.04, 5.54)			