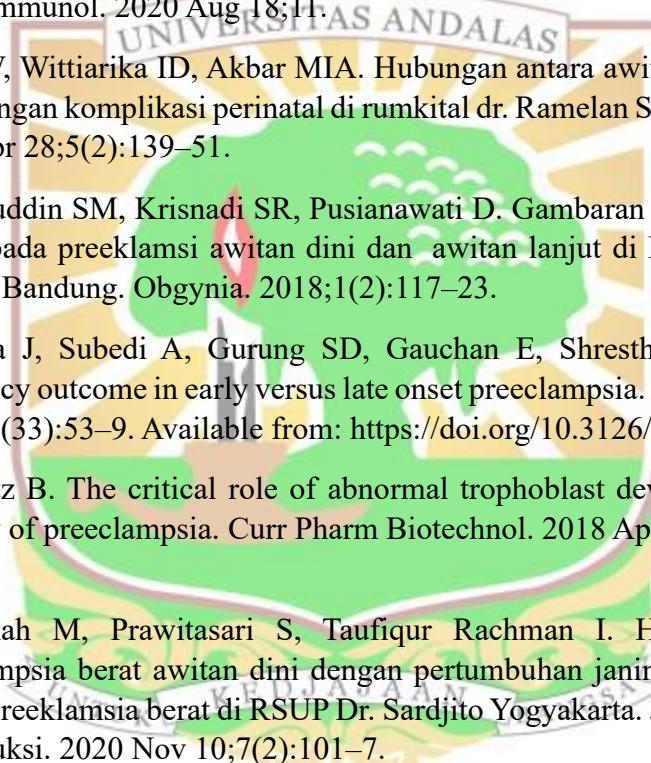


DAFTAR PUSTAKA

1. Kementerian Kesehatan Republik Indonesia. Profil kesehatan indonesia tahun 2021 [Internet]. Jakarta ; 2022 [cited 2023 Nov 7]. Available from: <https://www.bing.com/search?q=Kementerian+Kesehatan+Republik+Indonesia.+Profil+Kesehatan+Indonesia+Tahun+2021.%0D%0AKesehatan+Keluarga.+Jakarta+%3A+Kementerian+Kesehatan+Republik+Indonesia%3B+2022.+p.+108%0D%0A10.&FORM=SSQUIC&PC=U531&lightschemeovr=1>
2. Dinas Kesehatan Kota Padang. Profil kesehatan kota padang tahun 2022 [Internet]. Padang; 2023 [cited 2023 Nov 7]. Available from: <https://dinkes.padang.go.id/profil-kesehatan-kota-padang-tahun-2022-1254>
3. Badan Pusat Statistik. Statistik kesehatan 2022 [Internet]. Jakarta; 2023 Aug [cited 2023 Nov 7]. Available from: <https://www.bps.go.id/id/publication/2023/08/31/923a16f1d75232565f1e0446/statistik-kesehatan-2022.html>
4. World Health Organization. Maternal mortality [Internet]. 2023 Feb [cited 2023 Nov 7]. Available from: <https://www.who.int/news-room/fact-sheets/detail/maternal-mortality>
5. Direktorat Jenderal Kesehatan Masyarakat, Kementerian Kesehatan. Kementerian kesehatan republik indonesia rencana aksi kegiatan [Internet]. Jakarta; 2020 [cited 2023 Nov 7]. Available from: <https://gizikia.kemkes.go.id/assets/file/pedoman/RAK%20KESGA%20TAHUN%202020-2024.pdf>
6. BPS Provinsi Sumatera Barat. Hasil long form sensus penduduk 2020 provinsi sumatera barat [Internet]. Padang; 2023 Feb [cited 2023 Nov 7]. Available from: <https://sumbar.bps.go.id/publication/2023/02/10/f893e42b90c2377ac1554ac4/hasil-long-form-sensus-penduduk-2020-provinsi-sumatera-barat.html>
7. Malha L, Podymow T, August P. Hypertension in pregnancy. In: Bakris GL, Sorrentino MJ, Laffin LJ, editors. Hypertension: A Companion to Braunwald's Heart Disease. 4th ed. Philadelphia: Elsevier; 2018. p. 361–73.
8. Espinoza J, Vidaeff A, Pettker CM, Simhan H. ACOG practice bulletin clinical management guidelines for obstetrician-gynecologists. Obstet Gynecol. 2019 Jan;133(1):26–50.
9. Laksono S, Masrie MS. Hipertensi dalam kehamilan: tinjauan narasi. Herb-Medicine Journal. 2022;5(2):27–39.
10. Magee LA, Helewa M, Rey E, Von Dadelszen P, Audibert F, Bujold E, et al. Diagnosis, evaluation, and management of the hypertensive disorders of pregnancy: executive summary. Canada: Elsevier; 2014. p. 416–38.

- 
11. Wibowo N, Irwinda R, Frisdiantiny E, Karkata MK, Mose JC, Chalid MT, et al. Pedoman nasional pelayanan kedokteran diagnosis dan tata laksana preeklampsia. Jakarta: POGI; 2016.
 12. Karrar SA, Hong PL. Preeclampsia. Statpearls [Internet]. 2023 Feb 13 [cited 2023 Jul 6]; Available from: <https://www.ncbi.nlm.nih.gov/books/NBK570611/>
 13. Anggreni D, Mail E, Ferilia A. Hipertensi dalam kehamilan. In: Kartiningrum ED, editor. Hipertensi dalam Kehamilan. 1st ed. Mojokerto: STIKes Majapahit Mojokerto ; 2018. p. 36–8.
 14. Aneman I, Piennaar D, Suvakov S, Simic TP, Garovic VD, McClements L. Mechanisms of key innate immune cells in early and late onset preeclampsia. *Front Immunol*. 2020 Aug 18;11.
 15. Sari RW, Wittiarika ID, Akbar MIA. Hubungan antara awitan preeklampsia berat dengan komplikasi perinatal di rumkital dr. Ramelan Surabaya. IMHSJ. 2021 Apr 28;5(2):139–51.
 16. Burhanuddin SM, Krisnadi SR, Pusianawati D. Gambaran karakteristik dan luaran pada preeklamsi awitan dini dan awitan lanjut di RSUP Dr. Hasan Sadikin Bandung. *Obgynia*. 2018;1(2):117–23.
 17. Shrestha J, Subedi A, Gurung SD, Gauchan E, Shrestha A, Pandey C. Pregnancy outcome in early versus late onset preeclampsia. *NJOG* [Internet]. 2021;16(33):53–9. Available from: <https://doi.org/10.3126/njo>
 18. Huppertz B. The critical role of abnormal trophoblast development in the etiology of preeclampsia. *Curr Pharm Biotechnol*. 2018 Apr 27;19(10):771–80.
 19. Muslichah M, Prawitasari S, Taufiqur Rachman I. Hubungan antara preeklampsia berat awitan dini dengan pertumbuhan janin terhambat pada pasien preeklamsia berat di RSUP Dr. Sardjito Yogyakarta. *Jurnal Kesehatan Reproduksi*. 2020 Nov 10;7(2):101–7.
 20. Kusuma NCP, Hidayat F. Karakteristik preeklamsia berdasarkan early onset preeclampsia (EOPE) dan late onset preeclampsia (LOPE) di RSUD dr. Slamet Garut Jawa Barat. *Jurnal Medika Malahayati*. 2023;7(3):829–34.
 21. Angsar MD. Hipertensi dalam kehamilan. In: Saifuddin AB, Rachimhadhi T, Wiknjosastro GH, editors. Ilmu Kebidanan Sarwono Prawirohardjo. 4th ed. Jakarta: PT. Bina Pustaka Sarwono Prawirohardjo; 2016. p. 532–8.
 22. Liu N, Guo YN, Gong LK, Wang BS. Advances in biomarker development and potential application for preeclampsia based on pathogenesis. *Eur J Obstet Gynecol Reprod Biol X*. 2021 Jan 1;9.

23. Rana S, Lemoine E, Granger JP, Karumanchi SA. Preeclampsia: pathophysiology, challenges, and perspectives. *Circ Res*. 2019 Mar 29;124(7):1094–112.
24. Giovanno RM. Korelasi kadar endothelial nitric oxyde synthase dengan laju filtrasi glomerulus pada pasien infark miokard akut elevasi segmen ST saat admisi [tesis]. Padang: Fakultas Kedokteran Universitas Andalas; 2023.
25. Gandham R, Dayanand CD, Sheela SR, Pamidimukkala K. Impact of Oxidative Stress on Maternal Serum Apelin 13 and Endothelial Nitric Oxide Synthase in Preeclampsia. *Biomed & Pharmacol J*. 2020 Dec 31;13(4):2041–8.
26. Shaheen G, Jahan S, Bibi N, Ullah A, Faryal R, Almajwal A, et al. Association of endothelial nitric oxide synthase gene variants with preeclampsia. *Reprod Health*. 2021 Dec 1;18(1).
27. Kaihara JNS, Minami CK, Peraçoli MTS, Romão-Veiga M, Ribeiro-Vasques VR, Peraçoli JC, et al. Plasma eNOS concentration in healthy pregnancy and in hypertensive disorders of pregnancy: evidence of reduced concentrations in pre-eclampsia from two independent studies. *Diseases*. 2023 Dec 1;11(4).
28. DeMers D, Wachs D. Physiology, Mean Arterial Pressure. Statpearls Publishing. Nevada; 2023.
29. Rafif Helery M, Arfiani Rusjdi D, Aladin. Hubungan skrining MAP dengan kejadian preeklampsia di RSIA Permata Bunda Solok Tahun 2019-2020. *Jurnal Ilmu Kesehatan Indonesia*. 2021;2(4):264–9.
30. Sulistiawati A, Yulaikah S, Rosalinna. The correlation between mean arterial pressure (MAP) examination and the incidence of preeclampsia. *PLACENTUM*. 2024;12(1):22–31.
31. Haslan H, Trisutrisno I. Dampak kejadian preeklampsia dalam kehamilan terhadap pertumbuhan janin intrauterine. *Jurnal Ilmiah Kesehatan Sandi Husada*. 2022 Dec 1;11(2):445–54.
32. Blencowe H, Krusevec J, de Onis M, Black RE, An X, Stevens GA, et al. Unicef-WHO low birth weight estimates level and trends 2000-2015. *Lancet Glob Health*. 2019 Jul 1;7(7):e849–60.
33. Direktorat Statistik Kependudukan dan Ketenagakerjaan. Mortalitas di Indonesia hasil long form sensus penduduk 2020. Jakarta; 2023 Dec.
34. Watterberg KL, Aucott S, Benitz WE, Cummings JJ, Eichenwald EC, Goldsmith J, et al. The Apgar Score. American Academy Of Pediatrics. 2015. p. 819–22.

35. Fitriani I. Hubungan asupan vitamin D dengan mean arterial pressure (MAP) dan perinatal outcome pada preeklampsia berat [skripsi]. Padang: Fakultas Kedokteran Universitas Andalas; 2023.
36. Florencia M, Indriyani D, Wahyuni Adriani S, Ilmu Kesehatan F, Muhammadiyah Jember U. Risiko kejadian asfiksia pada bayi baru lahir pada ibu hamil dengan preeklampsia. IJHS. 2022 Mar 7;14(1):103–10.
37. Svensson-Arvelund J, Ernerudh J, Buse E, Cline JM, Haeger JD, Dixon D, et al. The placenta in toxicology part II: systemic and local immune adaptations in pregnancy. Toxicol Pathol. 2014;42(2):327–38.
38. Örgül G, Haklı DA, Özten G, Fadiloğlu E, Tanacan A, Beksaç MS. First trimester complete blood cell indices in early and late onset preeclampsia. Turk J Obstet Gynecol. 2019 Jun 1;16(2):112–7.
39. Farhana WA. Tingkat pengetahuan ibu hamil primigravida tentang preeklampsia di RSUH [skripsi]. Makassar: Fakultas Kedokteran Universitas Hasanudin; 2019.
40. Ambareesha K, Vijayalakshmi B, Kayalvizhi E, Qairunnisa S, Revathi M, Chandrasekhar M. Effect of antioxidants in preeclampsia women at increased risk. IJMRHS. 2013;2(2):177–81.
41. Bartsch E, Medcalf KE, Park AL, Ray JG, Al-Rubaie ZTA, Askie LM, et al. Clinical risk factors for pre-eclampsia determined in early pregnancy: Systematic review and meta-analysis of large cohort studies. The BMJ. 2016 Apr 19;353.
42. Alatas H. Hipertensi pada Kehamilan. Herb-Medicine Journal. 2019 Oct;2(2):27–51.
43. American College of Obstetricians, Task Force on Hypertension in Pregnancy. Hypertension in pregnancy. Report of the american college of obstetricians and gynecologists' task force on hypertension in pregnancy. In: Obstetrics and gynecology. 2013. p. 1122–31.
44. Brewer J, Liu R, Lu Y, Scott J, Wallace K, Wallukat G, et al. Endothelin-1, oxidative stress, and endogenous angiotensin II: Mechanisms of angiotensin II type i receptor autoantibody-enhanced renal and blood pressure response during pregnancy. Hypertension. 2013 Nov;62(5):886–92.
45. Gadde R, CD D, Sheela S. Placental protein 13: An important biological protein in preeclampsia. J Circ Biomark. 2018;7:1–16.
46. Seravalli V, Grimpel YI, Meiri H, Blitzer M, Baschat AA. Relationship between first-trimester serum placental protein-13 and maternal characteristics, placental Doppler studies and pregnancy outcome. J Perinat Med. 2016 Jul 1;44(5):543–9.

47. Haider S, Meinhardt G, Saleh L, Kunihs V, Gamperl M, Kaindl U, et al. Self-Renewing trophoblast organoids recapitulate the developmental program of the early human placenta. *Stem Cell Reports*. 2018 Aug 14;11(2):537–51.
48. Zhang Y, Zhao H jun, Xia X ru, Diao F yang, Ma X, Wang J, et al. Hypoxia-induced and HIF1 α -VEGF-mediated tight junction dysfunction in choriocarcinoma cells: Implications for preeclampsia. *Clinica Chimica Acta*. 2019 Feb 1;489:203–11.
49. Li J, Wu G, Cao Y, Hou Z. Roles of miR-210 in the pathogenesis of pre-eclampsia. *Archives of Medical Science*. 2019;15(1):183–90.
50. Anton L, Olarerin-George AO, Schwartz N, Srinivas S, Bastek J, Hogenesch JB, et al. MiR-210 inhibits trophoblast invasion and is a serum biomarker for preeclampsia. *Am J Pathol*. 2013 Nov;183(5):1437–45.
51. Geldenhuys J, Kock MM, Rossouw TM, Lombaard HA, Ehlers MM. Disruption in the regulation of immune responses in the placental subtype of preeclampsia. *Frontiers (Boulder)*. 2018 Jun;9(1659):1–15.
52. Barrett PM, McCarthy FP, Evans M, Kublickas M, Perry IJ, Stenvinkel P, et al. Stillbirth is associated with increased risk of long-term maternal renal disease: a nationwide cohort study. *Am J Obstet Gynecol*. 2020 Sep 1;223(3):427.e1-427.e14.
53. Wadhwani P, Saha PK, Kalra JK, Gainder S, Sundaram V. A study to compare maternal and perinatal outcome in early vs. late onset preeclampsia. *Obstet Gynecol Sci*. 2020 Mar 3;63(3):270–7.
54. Suharto FF, Saleh MgsI, Subandrate. Identifikasi polimorfisme Glu298Asp Gen eNOS pada penderita preeklampsia di Rumah Sakit Dr. Mohammad Hoesin Palembang. *Jurnal Kedokteran dan Kesehatan*. 2014 Oct;1(1):61–6.
55. Tran N, Garcia T, Aniqa M, Ali S, Ally A, Nauli SM. Endothelial nitric oxide synthase (eNOS) and the cardiovascular system: in physiology and in disease states. *Am J Biomed Sci Res*. 2022;15(2):153–77.
56. Zhang T, Guo D, Zheng W, Dai Q. Effects of S1PR2 antagonist on blood pressure and angiogenesis imbalance in preeclampsia rats. *Mol Med Rep*. 2021 Jun 1;23(6):1–21.
57. Drozdz D, Dorzdz M, Wojcik M. Endothelial dysfunction as a factor leading to arterial hypertension. *Pediatr Nephrol*. 2022;38:2973–85.
58. Oliveira-Paula GH, Lacchini R, Tanus-Santos JE. Endothelial nitric oxide synthase: From biochemistry and gene structure to clinical implications of NOS3 polymorphisms. *Gene*. 2016 Jan;575(2):584–99.

59. Poremskaya O, Toropova Y, Tomson V, Lobastov K, Laberko L, Kravchuk V, et al. Pulmonary artery thrombosis: A diagnosis that strives for its independence. *Int J Mol Sci.* 2020 Jul 2;21(14):1–18.
60. Feil R, Lehnert M, Stehle D, Feil S. Visualising and understanding cGMP signals in the cardiovascular system. *Br J Pharmacol.* 2022 Jun 1;179(11):2394–412.
61. Guo DC, Regalado E, Casteel DE, Santos-Cortez RL, Gong L, Kim JJ, et al. Recurrent gain-of-function mutation in PRKG1 causes thoracic aortic aneurysms and acute aortic dissections. *Am J Hum Genet.* 2013 Aug 8;93(2):398–404.
62. Zeng F, Zhu S, Wong MCS, Yang Z, Tang J, Li K, et al. Associations between nitric oxide synthase 3 gene polymorphisms and preeclampsia risk: A meta-analysis. *Sci Rep.* 2016 Mar 21;6.
63. Zhang MX, Zhang C, Shen YH, Wang J, Xiao NL, Zhang Y, et al. Biogenesis of short intronic repeat 27-nucleotide small RNA from endothelial nitric-oxide synthase gene. *J Biol Chem.* 2008 May 23;283(21):14685–93.
64. Fadlilah S, Rahil H, Lanni F. Analisis faktor yang mempengaruhi tekanan darah dan saturasi oksigen perifer (SPO2). *Jurnal Kesehatan Kusuma Husada.* 2020;21:30.
65. Rehman S, Hashmi MF. Blood Pressure Measurement. Statpearls [Internet]. 2022 [cited 2024 Nov 11]; Available from: <https://www.ncbi.nlm.nih.gov/books/NBK482189/>
66. Suvorava T, Metry S, Pick S, Kojda G. Alterations in endothelial nitric oxide synthase activity and their relevance to blood pressure. *Biochem Pharmacol.* 2022;205:1–3.
67. Klabunde RE. Cardiovascular physiology concepts. 3rd ed. England: Lippincott Williams & Wilkins; 2022.
68. Kadafi ZA. Hubungan preeklampsia berat dengan kejadian bayi berat badan lahir rendah [skripsi]. Semarang: Universitas Islam Sultan Agung; 2022.
69. Simon L V, Shah M, Bradley, Bragg N. APGAR Score. Statpearls Publishing [Internet]. 2024 [cited 2024 Nov 11]; Available from: <https://www.ncbi.nlm.nih.gov/books/NBK470569/>
70. Pragitara CF, Etika R, Herawati L, Aditiawarman. Risks of preterm birth and low Apgar score among preeclamptic women. *Jurnal Kedokteran dan Kesehatan Indonesia.* 2020 Apr 30;11(1):6–17.
71. Susilo SA, Pratiwi KN, Fattah ANA, Irwinda R, Wibowo N. Determinants of low apgar score among preeclamptic deliveries in cipto mangunkusumo

- hospital: a retrospective cohort study in 2014. Medical Journal of Indonesia. 2015;24(3):183–9.
72. Nurokhim A, Widyaningsih W. Analisis preeklampsia berat (PEB) dengan kejadian pertumbuhan janin terhambat (PJT) di RSUD Dr. R. Goeteng Tarunadibrata Purbalingga Periode Tahun 2013-2015. SAINTEKS. 2018;15(1).
73. Putri VS. Hubungan stadium chronic kidney disease dengan hipertensi pada pasien CKD dewasa di RSUP dr. M. Djamil Padang tahun 2020-2021. [skripsi]. Padang: Fakultas Kedokteran Universitas Andalas; 2023.
74. Ghazali MV, Sastromihardjo S, Soedjarwo SR, Soelaryo T, Pramulyo HS. Studi cross sectional. In: Sastroasmoro S, editor. Dasar-dasar metodologi penelitian klinis. 5th ed. Jakarta: Sagung Seto; 2014. p. 130–45.
75. Hartini WM, Roosarjani C, Dewi YA. Bahan ajar teknologi bank darah (TBD) : metodologi penelitian dan statistik. [Internet]. 1st ed. Hidayah Z, Darmanto BA, Suwarno N, editors. Kementerian Kesehatan Republik Indonesia. Jakarta: Kementerian Kesehatan RI; 2019 [cited 2023 Dec 15]. 317–375 p. Available from: <https://file.dinas.id/?immunology=bb3f5354>
76. Aditya Setyawan D. Teknik uji statistik bivariat pada hipotesis korelatif. In: Astuti AB, Setyaningsih W, editors. Buku ajar statistika kesehatan analisis bivariat pada hipotesis penelitian. Surakarta: Tahta Media; 2021. p. 195–215.
77. Wójtowicz A, Zembala-Szczerba M, Babczyk D, Kołodziejczyk-Pietruszka M, Lewaczyńska O, Huras H. Early and late onset preeclampsia: a comprehensive cohort study of laboratory and clinical findings according to the new ISHHP Criteria. Int J Hypertens. 2019;2019:1–9.
78. Hartono E. Hubungan usia ibu dan paritas terhadap preeklampsia berat [skripsi]. Semarang: Universitas Islam Sultan Agung; 2022.
79. Mustofa A, Ariningtyas ND, Prahasanti K, Anas M. Hubungan antara usia ibu hamil dengan preeklampsia tipe lambat di rumah sakit PKU muhammadiyah surabaya. Herb-Medicine Journal. 2021 Dec 4;4(4):14–20.
80. Aini FN, Zuhriyatun F, Hapsari W. Indeks massa tubuh (IMT) dengan kejadian preeklampsia pada ibu hamil. Jurnal Sains Kebidanan. 2023 May 26;5(1):24–9.
81. Cahyaningtyas Guyanto C, Adi Pramono B. Perbandingan profil hematologi pada preeklampsia/eklampsia dengan kehamilan normotensi di RSUP Dr. Kariadi Semarang. Media medika muda. 2015;4(4):1726–35.
82. Utami N, Ristyaning Ayu P, Puspitasari RD, Graharti R. Indeks trombosit pada penderita preeklampsia di RSUD DR. H. Abdul Moeloek Provinsi Lampung. JK Unila . 2018;2(2):102–6.

83. Gandham R, Dayanand C, Sheela S. Evaluation of endothelial nitric oxide synthase and nitric oxide levels in preeclamptic and normotensive pregnant women. JKIMSU. 2021;10(1):27–36.
84. Silvani Y, Dian Lovita AN, Maharani A, Wiyasa IWA, Sujuti H, Ratnawati R, et al. Extra virgin olive oil modulates vasodilator enzyme level by repairing angiogenesis function in rat model of preeclampsia. J Family Reprod Health. 2020 Jul 22;14(1):38–44.
85. Aflyatumova GN, Nigmatullina RR, Sadykova DI, Chibireva MD, Fugetto F, Serra R. Endothelin-1, nitric oxide, serotonin and high blood pressure in male adolescents. Vasc Health Risk Manag. 2018;14:213–23.
86. Higashino H, Miya H, Mukai H, Miya Y. Serum nitric oxide metabolite (NO_x) levels in hypertensive patients at rest: a comparison of age, gender, blood pressure and complications using normotensive controls. Clin Exp Pharmacol Physiol. 2007;34(8):725–31.
87. Wang Y, Xing F, Liu R, Liu L, Zhu Y, Wen Y, et al. Isolated diastolic hypertension associated risk factors among Chinese in Anhui Province, China. Int J Environ Res Public Health. 2015 Apr 1;12(4):4395–405.
88. Malik M. Heart rate variability: Standards of measurement, physiological interpretation, and clinical use. Task Force of the European Society of Cardiology the North American Society of Pacing. 1996;93(5).
89. Kumar R, Kohli S, Mishra A, Garg R, Alam P, Stobdan T, et al. Interactions between the genes of vasodilatation pathways influence blood pressure and nitric oxide level in hypertension. Am J Hypertens. 2015 Feb 1;28(2):239–47.
90. Ningrum NM. Analisis pemeriksaan mean arterial pressure (MAP), roll over test (ROT), body mass indeks (BMI) sebagai skrining preeklampsia pada kehamilan. Bali Medika Jurnal. 2020;7(2):9–19.
91. Amelia L, Sukohar A, Setiawan G. Peran ekspresi gen nitrit oksida sintase (NOS3) terhadap kejadian hipertensi esensial. Medical Journal Of Lampung University. 2018;7(2):263–368.
92. Putri Ariyan FA, Sukowati EG, Fatmawati W. Preeclampsia correlates with maternal and perinatal outcomes in Regional Public Hospital, Madiun, Indonesia. Majalah Obstetri & Ginekologi. 2022 Apr 22;30(1):24–31.
93. Heldawati PL, Kartasurya MI, Nugraheni S. Hubungan status preeklampsia ibu hamil dan berat badan lahir bayi di rumah sakit umum anutapura palu sulawesi tengah. Manajemen Kesehatan Indonesia. 2018;6(2):98–106.
94. Amelia R, Azmi S. Perbedaan berat lahir bayi pasien preeklampsia berat / eklampsia early dan late onset di RSUP Dr. M. Djamil Padang. Jurnal Kesehatan Andalas. 2016;5(1):135–8.

95. Saadah A, Seniwati T, Fadilah N. An overview of management newborn based on apgar score in makassar city hospital. *Indonesian Contemporary Nursing Journal*. 2022;6(2):70–9.
96. Teka H, Yemane A, Abraha HE, Berhe E, Tadesse H, Gebru F, et al. Clinical presentation, maternal-fetal, and neonatal outcomes of early-onset versus late onset preeclampsia-eclampsia syndrome in a teaching hospital in a low-resource setting: A retrospective cohort study. *PLoS One*. 2023 Feb 1;18(2):1–17.

