

DAFTAR PUSTAKA

1. Albakri A. Heart failure in pregnancy: A review of clinical status and meta-analysis of diagnosis and medication safety. *Medical and Clinical Archives.* 2019;3:1-12.
2. Siu SC, Lee DS, Rashid M, Fang J, Austin PC, Silversides CK. Long-term cardiovascular outcomes after pregnancy in women with heart disease. *J Am Heart Assoc.* 2021;10(11): e020584.
3. Burlingame J, Horiuchi B, Ohana P, Onaka A, Sauvage LM. The contribution of heart disease to pregnancy-related mortality according to the pregnancy mortality surveillance system. *Journal of Perinatology.* 2012;32:163–9.
4. Regitz-Zagrosek V, Blomstrom Lundqvist C, Borghi C, Cifkova R, Ferreira R, Foidart JM, et al. ESC Guidelines on the management of cardiovascular diseases during pregnancy. *Eur Heart J.* 2011;32:3147–97.
5. Elkayam U, Goland S, Pieper PG, Silversides CK. THE PRESENT AND FUTURE STATE-OF-THE-ART REVIEW High-Risk Cardiac Disease in Pregnancy Part I. *2016;396-410.*
6. Chhetri S, Shrestha NR, Pilgrim T. Pregnancy complicated by heart disease in Nepal. *Heart Asia.* 2014;6:26–9.
7. Yang L, Yamamoto-Hanada K, Ishitsuka K, Ayabe T, Mezawa H, Konishi M, et al. Medical and surgical complications in pregnancy and obstetric labour complications in the Japan Environment and Children's Study (JECS) cohort: a birth cohort study. *J Obstet Gynaecol (Lahore).* 2020;40:918–24.
8. Lima F V., Yang J, Xu J, Stergiopoulos K. National Trends and In-Hospital Outcomes in Pregnant Women With Heart Disease in the United States. *American Journal of Cardiology.* 2017;119:1694–700.
9. Siu SC, Sermer M, Colman JM, Alvarez ; A Nanette, Mercier LA, Morton BC, et al. Prospective Multicenter Study of Pregnancy Outcomes in Women With Heart Diseases. *2001;104(5):515-21.*
10. Shrestha P, Kuikel S, Bajracharya S, Ghimire A, Shrestha R, Mishra A, et al. Pregnancy with heart disease in South Asia: A systematic review and meta-analysis of prevalence and outcome. Vol. 80, *Annals of Medicine and Surgery.* Elsevier Ltd; 2022;1(80):104293.
11. Pitaloka CP, Secka A, Ernawati E, Sulistyono A, Juwono HT, Dachlan EG, et al. Characteristics shifting of heart disease in pregnancy: A report from low middle-income country. *J Public Health Res.* 2021;10(4):2137.
12. Nieminen HP, Jokinen E V, Sairanen HI. Late Results of Pediatric Cardiac Surgery in Finland A Population-Based Study With 96% Follow-Up [Internet]. *2001;104(5):570-5.*
13. Hardee I, Wright L, McCracken C, Lawson E, Oster ME. Maternal and neonatal outcomes of pregnancies in women with congenital heart disease: A meta-analysis. *J Am Heart Assoc.* 2021;10(8):e017834.
14. Watkins DA, Johnson CO, Colquhoun SM, Karthikeyan G, Beaton A, Bukhman G, et al. Global, Regional, and National Burden of Rheumatic Heart Disease, 1990–2015. *New England Journal of Medicine.* 2017;377:713–22.

15. Khanna R, Chandra D, Yadav S, Sahu A, Singh N, Kumar S, et al. Maternal and fetal outcomes in pregnant females with rheumatic heart disease. Indian Heart J. 2021;73:185–9.
16. Baghel J, Keepanasseril A, Pillai AA, Mondal N, Jeganathan Y, Kundra P. Prediction of adverse cardiac events in pregnant women with valvular rheumatic heart disease. Heart. 2020;106:1400–6.
17. Ernesto J, Torga P, Antonio P, Rubio R, García Sánchez I, Iraimis &, et al. Coronary Artery Disease and Pregnancy. 2015;
18. CAMPBELL KH, TWEET MS. Coronary Disease in Pregnancy: Myocardial Infarction and Spontaneous Coronary Artery Dissection. Clin Obstet Gynecol. 2020;63:852–67.
19. Safavi-Naeini P, Sorurbakhsh NZ, Razavi M. Cardiac arrhythmias during pregnancy. Tex Heart Inst J. 2021;48(4):e217548.
20. Silversides CK, Harris L, Haberer K, Sermer M, Colman JM, Siu SC. Recurrence Rates of Arrhythmias During Pregnancy in Women With Previous Tachyarrhythmia and Impact on Fetal and Neonatal Outcomes. American Journal of Cardiology. 2006;97:1206–12.
21. ACOG Practice Bulletin No. 212: Pregnancy and Heart Disease. Obstetrics & Gynecology. 2019;133:e320–56.
22. Shrestha P, Kuikel S, Bajracharya S, Ghimire A, Shrestha R, Mishra A, et al. Pregnancy with heart disease in South Asia: A systematic review and meta-analysis of prevalence and outcome. Vol. 80, Annals of Medicine and Surgery. Elsevier Ltd; 2022;1(80)104293.
23. Sanghavi M, Rutherford JD. Cardiovascular physiology of pregnancy. Circulation. 2014;130:1003–8.
24. Vonck S, Staelens AS, Bollen I, Broekx L, Gyselaers W. Why non-invasive maternal hemodynamics assessment is clinically relevant in early pregnancy: A literature review. BMC Pregnancy Childbirth. 2016;16(1):302.
25. Bhatia P, Chhabra S. Physiological and anatomical changes of pregnancy: Implications for anaesthesia. Vol. 62, Indian Journal of Anaesthesia. Indian Society of Anaesthetists; 2018. p. 651–7.
26. Cheung KL. Renal Physiology of Pregnancy. ADVANCES IN KIDNEY DISEASE AND HEALTH. 2013;20:209–14.
27. Kapila V, Chaudhry K. Physiology, Placenta. 2024.
28. Wang Y, Zhao S. Vascular Biology of the Placenta. Second, Grangers DN, Granger H, editors, Vol. 1. 2010. 113 p.
29. Ortega MA, Fraile-Martínez O, García-Montero C, Sáez MA, Álvarez-Mon MA, Torres-Carranza D, et al. The Pivotal Role of the Placenta in Normal and Pathological Pregnancies: A Focus on Preeclampsia, Fetal Growth Restriction, and Maternal Chronic Venous Disease. Cells. 2022;11.
30. Herrick EJ, Bordoni B. Embryology, Placenta. 2024.
31. Knight M, Bunch K, Tuffnell D, Patel R, Shakespeare J, Kotnis R, et al. Saving Lives, Improving Mothers' Care Maternal, Newborn and Infant Clinical Outcome Review Programme2021.
32. Lameijer H, Schutte JM, Schuitemaker NWE, van Roosmalen JJM, Pieper PG. Maternal mortality due to cardiovascular disease in the Netherlands: a 21-year experience. Netherlands Heart Journal. 2020;28:27–36.

33. Sawhney H, Aggarwal N, Suri V, Vasishta K, Sharma Y, Grover A. Maternal and perinatal outcome in rheumatic heart disease. Vol. 80, International Journal of Gynecology and Obstetrics. 2003; 80(1):9-14.
34. Muninggar L, Yusuf M, Prasetyo B. ORIGINAL ARTICLE: Maternal mortality risk factor in pregnancy with heart disease at Dr. Soetomo General Hospital, Surabaya, Indonesia. Maj Obs Gin. 2019;27:17–23.
35. Van Der Linde D, Konings EEM, Slager MA, Witsenburg M, Helbing WA, Takkenberg JJM, et al. Birth prevalence of congenital heart disease worldwide: A systematic review and meta-analysis. Vol. 58, Journal of the American College of Cardiology. Elsevier USA; 2011. p. 2241–7.
36. Magun E, DeFilippis EM, Noble S, LaSala A, Waksmonski C, D'Alton ME, et al. Cardiovascular Care for Pregnant Women With Cardiovascular Disease. J Am Coll Cardiol. 2020;76:2102–13.
37. Elkayam U, Bansal P, Mehra A. Catheter-Based Interventions for the Management of Valvular Heart Disease During Pregnancy. JACC: Advances. 2022;1:100022.
38. Safi LM, Tsiaras S V. Update on Valvular Heart Disease in Pregnancy. Curr Treat Options Cardiovasc Med. 2017;19:70.
39. Hameed A, Karaalp IS, Tummala PP, Wani OR, Canetti M, Akhter MW, et al. The effect of valvular heart disease on maternal and fetal outcome of pregnancy. J Am Coll Cardiol. 2001;37:893–9.
40. Gelson E, Johnson M, Gatzoulis M, Uebing A. Cardiac disease in pregnancy. Part 1: congenital heart disease. The Obstetrician & Gynaecologist. 2007;9:15–20.
41. Yadav V, Sharma JB, Mishra S, Kriplani A, Bhatla N, Kachhwaha G, et al. Maternal and fetal outcome in operated vs non-operated cases of congenital heart disease cases in pregnancy. Indian Heart J. 2018;70:82–6.
42. LINDLEY KJ, JUDGE N. Arrhythmias in Pregnancy. Clin Obstet Gynecol. 2020;63:878–92.
43. Tamirisa KP, Elkayam U, Briller JE, Mason PK, Pillarisetti J, Merchant FM, et al. Arrhythmias in Pregnancy. JACC Clin Electrophysiol. 2022;8:120–35.
44. Adamson DL, Nelson-Piercy C. Managing palpitations and arrhythmias during pregnancy. Postgrad Med J. 2008;84:66–72.
45. Schaufelberger M. Cardiomyopathy and pregnancy. Vol. 105, Heart. BMJ Publishing Group; 2019. p. 1543–51.
46. Executive Summary: Hypertension in Pregnancy. Hypertension in Pregnancy. 2013;122(5):1122-1131.
47. Alanazi AS, Victor F, Rehman K, Khan YH, Yunusa I, Alzarea AI, et al. Pre-Existing Diabetes Mellitus, Hypertension and KidneyDisease as Risk Factors of Pre-Eclampsia: A Disease of Theories and Its Association with Genetic Polymorphism. Int J Environ Res Public Health. 2022;19:16690.
48. Regitz-Zagrosek V, Roos-Hesselink JW, Bauersachs J, Blomström-Lundqvist C, Cífková R, De Bonis M, et al. 2018 ESC Guidelines for the management of cardiovascular diseases during pregnancy. Vol. 39, European Heart Journal. Oxford University Press; 2018. p. 3165–241.
49. Parpillewar MB, Professor A. Corresponding author STUDY OF MATERNAL AND FOETAL OUTCOME OF PREGNANCY

- COMPLICATED WITH HEART DISEASE AT A TERTIARY CARE CENTRE. 2020;10(2):25-30.
- 50. Mazhar SB, Gul-e-Irum. Maternal dan neonatal outcome in pregnancy with cardiac disease. J Coll Physicians Surg Pak. 2005;15:476–80.
 - 51. Syoum FH, Abreha GF, Teklemichael DM, Chekole MK. Maternal dan neonatal Outcomes and Associated Factors among Mothers with Hypertensive Disorders of Pregnancy in Suhul Hospital, Northwest Tigray, Ethiopia. J Pregnancy. 2022;6917009.
 - 52. Memon DrA, Bhadarka DrN. Maternal and fetal outcome in preterm premature rupture of membrane: A cross-sectional study. International Journal of Clinical Obstetrics and Gynaecology. 2022;6:95–8.
 - 53. Khatun T, Ansari AA, Hamid I, Gupta RS, Ahmad MdP. Oligohydramnios and Fetal Outcome: A Review. Med Phoenix. 2017;1:23–30.
 - 54. Cabrera Ramos SG. Complicaciones obstétricas y edad materna avanzada. Revista Peruana de Ginecología y Obstetricia. 2023;69:1-12.
 - 55. Vaziri ND, Rodríguez-Iturbe B. Mechanisms of Disease: oxidative stress and inflammation in the pathogenesis of hypertension. Nat Clin Pract Nephrol. 2006;2:582–93.
 - 56. Ferrucci L, Fabbri E. Inflammageing: chronic inflammation in ageing, cardiovascular disease, and frailty. Nat Rev Cardiol. 2018;15:505–22.
 - 57. Shi H, Chen L, Wang Y, Sun M, Guo Y, Ma S, et al. Severity of Anemia During Pregnancy and Adverse Maternal and Fetal Outcomes. JAMA Netw Open. 2022;5:e2147046.
 - 58. Smith C, Teng F, Branch E, Chu S, Joseph KS. Maternal and Perinatal Morbidity and Mortality Associated With Anemia in Pregnancy. Obstetrics & Gynecology. 2019;134:1234–44.
 - 59. van Alebeek ME, de Vrijer M, Arntz RM, Maaijwee NAMM, Synhaeve NE, Schoonderwaldt H, et al. Increased Risk of Pregnancy Complications After Stroke. Stroke. 2018;49:877–83.
 - 60. Gahlot K, Singh P, Pandey K. Pregnancy outcome in women with heart disease at a tertiary referral teaching center in Northern India. Int J Reprod Contracept Obstet Gynecol. 2016;30:56–9.
 - 61. Liao H, Hu Q, Deng C, Wang X, Yu H. Maternal and Neonatal Outcomes in Pregnancy Complicated with Pulmonary Hypertension. Rev Cardiovasc Med. 2022;23(5):172.
 - 62. Yu AYX, Nerenberg KA, Diong C, Fang J, Chu A, Kapral MK, et al. Maternal Health Outcomes after Pregnancy-Associated Stroke: A Population-Based Study with 19 Years of Follow-Up. Stroke. 2023;54:337–44.
 - 63. Sabra S, Gratacós E, Gómez Roig MD. Smoking-Induced Changes in the Maternal Immune, Endocrine, and Metabolic Pathways and Their Impact on Fetal Growth: A Topical Review. Fetal Diagn Ther. 2017;41:241–50.
 - 64. Sundaram S, Govindaraj K. Maternal dan neonatal outcome in multiple pregnancy. Int J Reprod Contracept Obstet Gynecol. 2021;10:4407.
 - 65. Cohen Y, Gutvirtz G, Avnon T, Sheiner E. Chronic Hypertension in Pregnancy and Placenta-Mediated Complications Regardless of Preeclampsia. J Clin Med. 2024;13:1111.

66. Russell SD, Saval MA, Robbins JL, Ellestad MH, Gottlieb SS, Handberg EM, et al. New York Heart Association functional class predicts exercise parameters in the current era. *Am Heart J.* 2009;158:S24-30.
67. Fuchs M, Zaidi AN, Rose J, Sisk T, Daniels CJ, Bradley EA. Location matters: left heart obstruction in pregnancy. *European Journal of Obstetrics & Gynecology and Reproductive Biology.* 2016;196:38–43.
68. Samiei N, Amirsardari M, Rezaei Y, Parsaee M, Kashfi F, Hantoosh Zadeh S, et al. Echocardiographic Evaluation of Hemodynamic Changes in Left-Sided Heart Valves in Pregnant Women With Valvular Heart Disease. *Am J Cardiol.* 2016;118:1046–52.
69. Eggleton EJ, Bhagra CJ, Patient CJ, Belham M, Pickett J, Aiken CE. Maternal left ventricular function and adverse neonatal outcomes in women with cardiac disease. *Arch Gynecol Obstet.* 2022;307:1431–9.
70. Shotan A, Roos-Hesselink J, Baris L, Goland S, Yekel Y, Elkayam U. Cardiomyopathy and Pregnancy: Considerations for Women With Severely Reduced Left Ventricular Dysfunction. *Can J Cardiol.* 2021;37:2067–75.
71. Regitz-Zagrosek V, Blomstrom Lundqvist C, Borghi C, Cifkova R, Ferreira R, Foidart JM, et al. ESC Guidelines on the management of cardiovascular diseases during pregnancy. *Eur Heart J.* 2011;32:3147–97.
72. Siegmund AS, Willems TP, Pieper PG, Bilardo CM, Gorter TM, Bouma BJ, et al. Reduced right ventricular function on cardiovascular magnetic resonance imaging is associated with uteroplacental impairment in tetralogy of Fallot. *J Cardiovasc Magn Reson.* 2020;22:52.
73. Humbert M, Kovacs G, Hoeper MM, Badagliacca R, Berger RMF, Brida M, et al. 2022 ESC/ERS Guidelines for the diagnosis and treatment of pulmonary hypertension. *Eur Respir J.* 2023;61(1):2200879.
74. Krishnan S, Fricke EM, Cordoba M, Chalifoux LA, Girgis RE. Pulmonary Hypertension Complicating Pregnancy. *Curr Pulmonol Rep.* 2021;10:71–83.
75. Low T, Guron N, Ducas R, Yamamura K, Charla P, Granton J, et al. Pulmonary arterial hypertension in pregnancy—a systematic review of outcomes in the modern era. *Pulm Circ.* 2021;11:1–9.
76. Ladouceur M, Nizard J. Challenges and management of pregnancy in cyanotic congenital heart disease. *International Journal of Cardiology: Congenital Heart Disease.* 2021;5:100231.
77. Bonow RO, Carabello BA, Chatterjee K, de Leon AC, Faxon DP, Freed MD, et al. ACC/AHA 2006 Guidelines for the Management of Patients With Valvular Heart Disease. *Circulation.* 2006;114.
78. Ng AP, Verma A, Sanaiha Y, Williamson CG, Afshar Y, Benharash P. Maternal and Fetal Outcomes in Pregnant Patients With Mechanical and Bioprosthetic Heart Valves. *J Am Heart Assoc.* 2023;12.
79. Kujovich JL. Hormones and pregnancy: thromboembolic risks for women. *Br J Haematol.* 2004;126:443–54.
80. Nishimura RA, Otto CM, Bonow RO, Carabello BA, Erwin JP, Guyton RA, et al. 2014 AHA/ACC guideline for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. *J Am Coll Cardiol.* 2014;63:e57-185.

81. Restrepo-Córdoba MA, Chmielewski P, Truszkowska G, Peña-Peña ML, Kubánek M, Krebsová A, et al. Pregnancy in women with dilated cardiomyopathy genetic variants. *Revista Española de Cardiología* (English Edition). 2024;.
82. Safi LM, Tsiaras S V. Update on Valvular Heart Disease in Pregnancy. *Curr Treat Options Cardiovasc Med*. 2017;19:70.
83. Zhao H, Wong RJ, Stevenson DK. The Impact of Hypoxia in Early Pregnancy on Placental Cells. *Int J Mol Sci*. 2021;22:9675.
84. Owens A, Yang J, Nie L, Lima F, Avila C, Stergiopoulos K. Neonatal and Maternal Outcomes in Pregnant Women With Cardiac Disease. *J Am Heart Assoc*. 2018;7.
85. Ladouceur MBLBARJHQHSMPGLAPLHRAGMNJ. Maternal and fetal outcome in patients with cyanotic congenital heart disease: A multicenter observational study. *Archives of Cardiovascular Diseases Supplements*. 2018;10:134.
86. Grashuis P, Khargi SDM, Veen K, el Osrouti A, Bemelmans-Lalezari S, Cornette JM, et al. Pregnancy outcomes in women with a mitral valve prosthesis: A systematic review and meta-analysis. *JTCVS Open*. 2023;14:102–22.
87. Samiei N, Kashfi F, Khamoushi A, Hosseini S, Alizadeh Ghavidel A, Taheripanah R, et al. Pregnancy outcome after mechanical mitral valve replacement: a prospective study. *J Tehran Heart Cent*. 2012;7:117–20.
88. Ruys TPE, Maggioni A, Johnson MR, Sliwa K, Tavazzi L, Schwerzmann M, et al. Cardiac medication during pregnancy, data from the ROPAC. *Int J Cardiol*. 2014;177:124–8.
89. van Hagen IM, Roos-Hesselink JW. Pregnancy in congenital heart disease: risk prediction and counselling. *Heart*. 2020;106:1853–61.
90. Bellsham-Revell H, Burch M. Congenital heart disease in infancy and childhood. *Medicine*. 2018;46:690–7.
91. Lang RM, Badano LP, Victor MA, Afilalo J, Armstrong A, Ernande L, et al. Recommendations for cardiac chamber quantification by echocardiography in adults: An update from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. *Journal of the American Society of Echocardiography*. 2015;28:1-39.e14.
92. Baumgartner H, Hung J, Bermejo J, Chambers JB, Evangelista A, Griffin BP, et al. Echocardiographic assessment of valve stenosis: EAE/ASE recommendations for clinical practice. *European Journal of Echocardiography*. 2009;10:1–25.
93. Lancellotti P, Tribouilloy C, Hagendorff A, Popescu BA, Edvardsen T, Pierard LA, et al. Recommendations for the echocardiographic assessment of native valvular regurgitation: An executive summary from the European Association of Cardiovascular Imaging. *Eur Heart J Cardiovasc Imaging*. 2013;14:611–44.
94. Alshawabkeh L, Economy KE, Valente AM. Anticoagulation During Pregnancy. *J Am Coll Cardiol*. 2016;68:1804–13.
95. Manh TN, Van NB, Thi H Le, Hoang LV, Anh HNS, Thu HTT, et al. Pregnancy with heart disease: Maternal outcomes and risk factors for fetal growth restriction. *Int J Environ Res Public Health*. 2019;16.

96. Pitaloka CP, Secka A, Ernawati E, Sulistyono A, Juwono HT, Dachlan EG, et al. Characteristics shifting of heart disease in pregnancy: A report from low middle-income country. *J Public Health Res.* 2021;10.
97. Ye C, Ruan Y, Zou L, Li G, Li C, Chen Y, et al. The 2011 survey on hypertensive disorders of pregnancy (HDP) in China: Prevalence, risk factors, complications, pregnancy and perinatal outcomes. *PLoS One.* 2014;9.
98. Anwar AD, Winarno GN, Anggraeni EN. <p>Correlation Between Risk or Severity of Heart Failure and Outcome of Pregnancy</p>. *Int J Gen Med.* 2020;Volume 13:201–6.
99. Siegmund AS, Kampman MAM, Oudijk MA, Mulder BJM, Sieswerda GTJ, Koenen S V, et al. Maternal right ventricular function, uteroplacental circulation in first trimester and pregnancy outcome in women with congenital heart disease. *Ultrasound in Obstetrics & Gynecology.* 2019;54:359–66.
100. Seshadri N, Goldhaber SZ, Elkayam U, Grimm RA, Groce JB, Heit JA, et al. The clinical challenge of bridging anticoagulation with low-molecular-weight heparin in patients with mechanical prosthetic heart valves: An evidence-based comparative review focusing on anticoagulation options in pregnant and nonpregnant patients. *Am Heart J.* 2005;150:27–34.
101. Bright RA, Lima F V., Avila C, Butler J, Stergiopoulos K. Maternal Heart Failure. *J Am Heart Assoc.* 2021;10.
102. Aracil Moreno I, Prieto-Arévalo R, Ortega-Abad V, Martín-Manzano V, Pérez-Burrel L, Fraile-López A, et al. Maternal and Perinatal Outcomes in Pregnant Women with Heart Disease: A Case—Control Study. *J Clin Med.* 2024;13:5084.
103. Ruys TPE, Cornette J, Roos-Hesselink JW. Pregnancy and delivery in cardiac disease. *J Cardiol.* 2013;61:107–12.
104. Sanghavi M, Rutherford JD. Cardiovascular physiology of pregnancy. *Circulation.* 2014;130:1003–8.
105. Kotit S, Yacoub M. Cardiovascular adverse events in pregnancy: A global perspective. *Glob Cardiol Sci Pract.* 2021;2021.
106. Ford ND, DeSisto CL, Womack LS, Galang RR, Hollier LM, Sperling LS, et al. Hospitalization With Cardiovascular Conditions in the Postpartum Year Among Commercially Insured Women in the U.S. *J Am Coll Cardiol.* 2024;83:382–4.
107. Levine GN, McEvoy JW, Fang JC, Ibeh C, McCarthy CP, Misra A, et al. Management of Patients at Risk for and With Left Ventricular Thrombus: A Scientific Statement From the American Heart Association. *Circulation.* 2022;146.
108. Makino Y, Matsuda Y, Mitani M, Shinohara T, Matsui H. Risk factors associated with preterm delivery in women with cardiac disease. *J Cardiol.* 2012;59:291–8.
109. Bramham K, Parnell B, Nelson-Piercy C, Seed PT, Poston L, Chappell LC. Chronic hypertension and pregnancy outcomes: systematic review and meta-analysis. *BMJ.* 2014;348:g2301–g2301.
110. Junior LCM, Pinto CN, Gerencer CS, Pro ECG, de Carvalho HB. Association of maternal, fetal and labor variables with a low Apgar score in

- the fifth minute in term pregnancy: a case-control study. *Arch Gynecol Obstet.* 2022;308:1473–83.
- 111. Hutter D, Kingdom J, Jaeggi E. Causes and mechanisms of intrauterine hypoxia and its impact on the fetal cardiovascular system: a review. *Int J Pediatr.* 2010;2010:401323.
 - 112. Abbasi S, Siddiqua SF, Rijvi S, Akhtar S, Haque B, Jesmin S. Study of Maternal and Fetal Outcome in Pregnancy with Heart Disease. *Anwer Khan Modern Medical College Journal.* 2017;8:112–6.
 - 113. Liu H, Xu J wen, Zhao X dong, Ye T yang, Lin J hua, Lin Q de. Pregnancy outcomes in women with heart disease. *Chin Med J (Engl).* 2010;123:2324–30.
 - 114. Yokouchi-Konishi T, Kamiya CA, Shionoiri T, Nakanishi A, Iwanaga N, Izumi C, et al. Pregnancy outcomes in women with dilated cardiomyopathy: Peripartum cardiovascular events predict post delivery prognosis. *J Cardiol.* 2021;77:217–23.
 - 115. Hameed A, Akhter MW, Bitar F, Khan SA, Sarma R, Goodwin TM, et al. Left atrial thrombosis in pregnant women with mitral stenosis and sinus rhythm. *Am J Obstet Gynecol.* 2005;193:501–4.
 - 116. Rashmi HS, Srinivas HT, Sreelakshmi M. CARPEG score as predictor of maternal and fetal outcomes in pregnancies complicated by cardiac disease. *Int J Health Sci (Qassim).* 2022;8:641–9.
 - 117. Liu JY, Tan WK, Tan EL, Tan JL, Tan LK. A case of successfully managed pregnancy in a patient with complex cyanotic congenital heart disease. *Obstet Med.* 2017;10:88–92.
 - 118. Wonodihardjo AS, Gumilar KE, Akbar MIA. Pregnancy with double outlet right ventricle in university Airlangga hospital Surabaya. *Indian Journal of Obstetrics and Gynecology Research.* 2021;8:420–3.