

## DAFTAR PUSTAKA

- Abou-Taleb, A., Abdelhamid, M.A., & Bahkeet, M.A.M., 2017. Clinical profile of cyanotic congenital heart disease in neonatal intensive care unit at Sohag University Hospital, Upper Egypt. *Egypt. J. Med. Hum. Genet.* 18: 47–51. doi:10.1016/j.ejmhg.2016.01.003
- Aggarwal, S., & Natarajan, G., 2015. Echocardiographic correlates of persistent pulmonary hypertension of the newborn. *Early Hum. Dev.* 91: 285–289. doi:10.1016/j.earlhumdev.2015.02.008
- Akobeng, A.K., 2007. Understanding diagnostic tests 3: Receiver operating characteristic curves. *Acta Paediatr. Int. J. Paediatr.* 96: 644–647. doi:10.1111/j.1651-2227.2006.00178.x
- Ara Begum, N., Afroze, S., Laila, R., Parvin Siddiqua, S., & Toyobur Rahaman, M., 2019. Risk Factors of Persistent Pulmonary Hypertension of Newborn (PPHN) in Different Gestation. *Am. J. Pediatr.* 5: 142. doi:10.11648/j.ajp.20190503.20
- Babooa, N., Shi, W.J., & Chen, C., 2017. Factors relating caesarean section to persistent pulmonary hypertension of the newborn. *World J. Pediatr.* 13: 517–527. doi:10.1007/s12519-017-0056-z
- Bendapudi, P., Rao, G.G., & Greenough, A., 2015. Diagnosis and management of persistent pulmonary hypertension of the newborn. *Paediatr. Respir. Rev.* 16: 157–161. doi:10.1016/j.prrv.2015.02.001
- Cao, S., Yang, C., Gan, Y., & Lu, Z., 2015. The health effects of passive smoking: An overview of systematic reviews based on observational epidemiological evidence. *PLoS One* 10: 1–12. doi:10.1371/journal.pone.0139907
- Choudhary, M., Meena, M.K., Chhangani, N., Sharma, D., Choudhary, J.S., & Choudhary, S.K., 2016. To study prevalence of persistent pulmonary hypertension in newborn with meconium aspiration syndrome in western Rajasthan, India: A prospective observational study. *J. Matern. Neonatal Med.* 29: 324–327. doi:10.3109/14767058.2014.1000296
- de Boode, W.P., Singh, Y., Molnar, Z., Schubert, U., Savoia, M., Sehgal, A., et al., 2018. Application of Neonatologist Performed Echocardiography in the assessment and management of persistent pulmonary hypertension of the newborn. *Pediatr. Res.* 84: 68–77. doi:10.1038/s41390-018-0082-0
- Dionne, J.M., 2021. Determinants of Blood Pressure in Neonates and Infants: Predictable Variability. *Hypertension* 77: 781–787. doi:10.1161/HYPERTENSIONAHA.120.14587
- Donn, S.M., 2022. Persistent pulmonary hypertension of the newborn: Historical perspectives. *Semin. Fetal Neonatal Med.* 101323. doi:10.1016/j.siny.2022.101323



- EL-Khuffash, A., McNamara, P.J., Breatnach, C., Bussmann, N., Smith, A., Feeney, O., et al., 2018. The use of milrinone in neonates with persistent pulmonary hypertension of the newborn - a randomised controlled trial pilot study (MINT 1): study protocol and review of literature. *Matern. Heal. Neonatol. Perinatol.* 4: 1–12. doi:10.1186/s40748-018-0093-1
- Fenn Buderer, N.M., 1996. Statistical methodology: I. Incorporating the prevalence of disease into the sample size calculation for sensitivity and specificity. *Acad. Emerg. Med.* 3: 895–900. doi:10.1111/j.1553-2712.1996.tb03538.x
- Fraisse, A., Geva, T., Gaudart, J., & Wessel, D.L., 2004. Doppler echocardiographic predictors of outcome in newborns with persistent pulmonary hypertension. *Cardiol. Young* 277–283.
- Fuloria, M., & Aschner, J.L., 2017. Persistent pulmonary hypertension of the newborn. *Semin. Fetal Neonatal Med.* 22: 220–226. doi:10.1016/j.siny.2017.03.004
- Garcia-Prats, J.A., 2021. Meconium aspiration syndrome: Pathophysiology, clinical manifestations, and diagnosis.
- Habibzadeh, F., & Habibzadeh, P., 2019. The likelihood ratio and its graphical representation. *Biochem. Medica* 29: 193–199. doi:10.11613/BM.2019.020101
- Hajian-Tilaki, K., 2018. The choice of methods in determining the optimal cut-off value for quantitative diagnostic test evaluation. *Stat. Methods Med. Res.* 27: 2374–2383. doi:10.1177/0962280216680383
- Hajian-Tilaki, K., 2013. Receiver operating characteristic (ROC) curve analysis for medical diagnostic test evaluation. *Casp. J. Intern. Med.* 4: 627–635.
- Hakeem, A., Mohsen, A., & Amin, A.S., 2013. Risk Factors and Outcomes of Persistent Pulmonary Hypertension of the Newborn in Neonatal Intensive Care Unit of Al - Minya University Hospital in Egypt 2. doi:10.4103/2249-4847.116406
- Harerimana, I., Chb, M.B., Sa, F., Ballot, D.E., Chb, M.B., & Sa, F., 2018. Retrospective review of neonates with persistent pulmonary hypertension of the newborn at Charlotte Maxeke Johannesburg Academic Hospital 12: 29–33. doi:10.7196/SAJCH.2018.v12i1.1245
- Hernández-Díaz, S., Van Marter, L.J., Werler, M.M., Louik, C., & Mitchell, A.A., 2007. Risk factors for persistent pulmonary hypertension of the newborn. *Pediatrics* 120. doi:10.1542/peds.2006-3037
- Hillman, N.H., & Lam, H.S., 2019. Kendig's Disorders of the Respiratory Tract in Children (Ninth Edition). Elsevier. doi:<https://doi.org/10.1016/B978-0-323-44887-1.00019-5>.



- Joanna R. G, V., Lopriore, E., te Pas, A.B., Rijken, M., van Zwet, E.W., de Bruine, F.T., et al., 2021. Persistent pulmonary hypertension in neonates with perinatal asphyxia and therapeutic hypothermia: a frequent and perilous combination. *J. Matern. Neonatal Med.* 35: 4969–4975. doi:10.1080/14767058.2021.1873941
- Jone, P.N., & Ivy, D.D., 2014. Echocardiography in pediatric pulmonary hypertension. *Front. Pediatr.* 2: 1–15. doi:10.3389/fped.2014.00124
- Jong, G.W., Einarson, T., Koren, G., & Einarson, A., 2012. Antidepressant use in pregnancy and persistent pulmonary hypertension of the newborn (PPHN): A systematic review. *Reprod. Toxicol.* 34: 293–297. doi:10.1016/j.reprotox.2012.04.015
- Kelly, L.E., Ohlsson, A., & Shah, P.S., 2017. Sildenafil for pulmonary hypertension in neonates. *Cochrane Database Syst. Rev.* 2017. doi:10.1002/14651858.CD005494.pub4
- Kim, F., Polin, R.A., & Hooven, T.A., 2020. Neonatal sepsis. *BMJ* 371: m3672. doi:10.1136/bmj.m3672
- Kumar, V.H., Hutchison, A.A., Lakshminrusimha, S., Morin, F.C., Wynn, R.J., & Ryan, R.M., 2007. Characteristics of pulmonary hypertension in preterm neonates. *J. Perinatol.* 27: 214–219. doi:10.1038/sj.jp.7211673
- Lakshminrusimha, S., & Keszler, M., 2015. Persistent Pulmonary Hypertension of the Newborn 16.
- Lapointe, A., & Barrington, K.J., 2011. Pulmonary hypertension and the asphyxiated newborn. *J. Pediatr.* 158: e19–e24. doi:10.1016/j.jpeds.2010.11.008
- Locatelli, A., Lambicchi, L., Incerti, M., Bonati, F., Ferdico, M., Malguzzi, S., et al., 2020. Is perinatal asphyxia predictable? *BMC Pregnancy Childbirth* 20: 1–8. doi:10.1186/s12884-020-02876-1
- Londero, A.P., Rossetti, E., Pittini, C., Cagnacci, A., & Driul, L., 2019. Maternal age and the risk of adverse pregnancy outcomes: A retrospective cohort study. *BMC Pregnancy Childbirth* 19: 1–10. doi:10.1186/s12884-019-2400-x
- Martinho, S., Adão, R., Leite-Moreira, A.F., & Brás-Silva, C., 2020. Persistent Pulmonary Hypertension of the Newborn: Pathophysiological Mechanisms and Novel Therapeutic Approaches. *Front. Pediatr.* 8. doi:10.3389/fped.2020.00342
- Mat Bah, M.N., Tan, R.Y.H., Razak, H., Sopian, M.H., Abdullah, N., & Alias, E.Y., 2021. Survival and associated risk factors for mortality among infants with persistent pulmonary hypertension of the newborn in Malaysia. *J. Perinatol.* 41: 786–793. doi:10.1038/s41372-021-00962-6
- Mathew, B., & Lakshminrusimha, S., 2017. Review persistent pulmonary

- hypertension in the newborn. *Children* 4: 1–14.  
doi:10.3390/children4080063
- Meschia, G., 2011. Fetal Oxygenation and Maternal Ventilation. *Clin. Chest Med.* 32: 15–19. doi:10.1016/j.ccm.2010.11.007
- Mohsen, A.H.A., & Amin, A.S., 2013. Risk factors and outcomes of persistent pulmonary hypertension of the newborn in neonatal intensive care unit of al-minya university hospital in Egypt. *J. Clin. Neonatol.* 2: 78. doi:10.4103/2249-4847.116406
- Montasser, M., & Patel, N., 2021. Pulmonary hypertension in newborn infants: pathophysiology, clinical assessment and management. *Paediatr. Child Heal. (United Kingdom)* 31: 32–37. doi:10.1016/j.paed.2020.10.005
- Nakanishi, H., Suenaga, H., Uchiyama, A., & Kusuda, S., 2018. Persistent pulmonary hypertension of the newborn in extremely preterm infants: A Japanese cohort study. *Arch. Dis. Child. Fetal Neonatal Ed.* 103: F554–F561. doi:10.1136/archdischild-2017-313778
- Nakwan, N., & Chaiwiriyawong, P., 2016. An international survey on persistent pulmonary hypertension of the newborn: A need for an evidence-based management. *J. Neonatal. Perinatal. Med.* 9: 243–250. doi:10.3233/NPM-16915133
- Nakwan, N., Jain, S., Kumar, K., Hosono, S., Hammoud, M., Elsayed, Y.Y., et al., 2020. An Asian multicenter retrospective study on persistent pulmonary hypertension of the newborn: incidence, etiology, diagnosis, treatment and outcome. *J. Matern. Neonatal Med.* 33: 2032–2037. doi:10.1080/14767058.2018.1536740
- Peterson, A.L., Deatsman, S., Frommelt, M.A., Mussatto, K., & Frommelt, P.C., 2009. Correlation of echocardiographic markers and therapy in persistent pulmonary hypertension of the newborn. *Pediatr. Cardiol.* 30: 160–165. doi:10.1007/s00246-008-9303-3
- Polin, R.A., Carlo, W.A., Papile, L.A., Tan, R., Kumar, P., Benitz, W., et al., 2014. Surfactant replacement therapy for preterm and term neonates with respiratory distress. *Pediatrics* 133: 156–163. doi:10.1542/peds.2013-3443
- Puthiyachirakkal, M., & Mhanna, M.J., 2013. Pathophysiology, management, and outcome of persistent pulmonary hypertension of the newborn: A clinical review. *Front. Pediatr.* 1: 1–6. doi:10.3389/fped.2013.00023
- Reynolds, E.W., Ellington, J.G., Vranicar, M., & Bada, H.S., 2004. Brain-type natriuretic peptide in the diagnosis and management of persistent pulmonary hypertension of the newborn. *Pediatrics* 114: 1297–1304. doi:10.1542/peds.2004-0525
- Sallaam, S., Natarajan, G., & Aggarwal, S., 2016. Persistent Pulmonary Hypertension of the Newborn with D-transposition of the Great Arteries:



- Management and Prognosis. *Congenit. Heart Dis.* 11: 239–244. doi:10.1111/chd.12304
- Sharma, M., Mohan, K.R., Narayan, S., & Chauhan, L., 2011. Persistent pulmonary hypertension of the newborn: A review. *Med. J. Armed Forces India* 67: 348–353. doi:10.1016/S0377-1237(11)60082-8
- Shu, L.P., Zhang, R.H., Cai, Y.H., Zhou, J.B., Yang, J.K., & Qi, L., 2020. Maternal Diabetes Mellitus and Persistent Pulmonary Hypertension of the Newborn: Accumulated Evidence From Observational Studies. *Can. J. Diabetes* 44: 327-334.e3. doi:10.1016/j.jcjd.2019.10.002
- Siefkes, H.M., & Lakshminrusimha, S., 2018. Management of Systemic Hypotension in Term Infants with Persistent Pulmonary Hypertension of the Newborn (PPHN). *Physiol. Behav.* 176: 139–148. doi:10.1136/archdischild-2020-319705.Management
- Singh, Y., & Lakshminrusimha, S., 2021. Pathophysiology and Management of Persistent Pulmonary Hypertension of the Newborn. *Clin. Perinatol.* 48: 595–618. doi:10.1016/j.clp.2021.05.009
- Soni, M., Joshi, P.K., Patel, S.C., Shreya, D., Zamora, D.I., Patel, G.S., et al., 2021. Persistent Pulmonary Hypertension: A Look Into the Future Therapy. *Cureus* 13. doi:10.7759/cureus.20377
- Stark, A.R., & Eichenwald, E.C., 2021. Persistent pulmonary hypertension of the newborn. *UpToDate*.
- Steinhorn, R.H., 2010. Neonatal pulmonary hypertension. *Pediatr. Crit. Care Med.* 11: 1–14. doi:10.1097/PCC.0b013e3181c76cdc
- Steurer, M.A., Baer, R.J., Oltman, S., Ryckman, K.K., Feuer, S.K., Rogers, E., et al., 2019. Morbidity of Persistent Pulmonary Hypertension of the Newborn in the First Year of Life. *J. Pediatr.* 213: 58-65.e4. doi:10.1016/j.jpeds.2019.06.053
- Steurer, M.A., Jelliffe-Pawlowski, L.L., Baer, R.J., Partridge, J.C., Rogers, E.E., & Keller, R.L., 2017. Persistent pulmonary hypertension of the newborn in late preterm and term infants in California. *Pediatrics* 139. doi:10.1542/peds.2016-1165
- Walsh-Sukys, M.C., Tyson, J.E., Wright, L.L., Bauer, C.R., Korones, S.B., Stevenson, D.K., et al., 2000. Persistent pulmonary hypertension of the newborn in the era before nitric oxide: Practice variation and outcomes. *Pediatrics* 105: 14–20. doi:10.1542/peds.105.1.14
- Xiang, Q., Venkatanarayanan, N., Ho, C.Y.X., Sim, W.S., Lim, D.Y., & Yeo, W.S., 2019. Selective Serotonin Reuptake Inhibitors and Persistent Pulmonary Hypertension of the Newborn: An Update Meta-Analysis. *J. Women's Heal.* 28: 331–338. doi:10.1089/jwh.2018.7319



- Zhao, Y., Liang, L., Liu, G., Zheng, H., Dai, L., Wang, Y., et al., 2021. Asphyxia and Neonatal Respiratory Distress Syndrome Are Independent Predictors of the Non-response to Inhaled Nitric Oxide in the Newborns With PPHN. *Front. Pediatr.* 9: 1–7. doi:10.3389/fped.2021.665830
- Zhou, R., Zheng, Y.N., Zhang, X.Y., & Cheng, Y.Y., 2021. A Meta-Analysis of the Risk Factors of Persistent Pulmonary Hypertension in Newborns. *Front. Pediatr.* 9: 1–6. doi:10.3389/fped.2021.659137