

## DAFTAR PUSTAKA

- Avni EF, Braude P, Pardou A, Matos C. Hyaline membrane disease in the newborn: diagnosis by ultrasound. *Pediatr Radiol* 1990; 20(3): 143–146
- Bober K, Swietlinski J. Diagnostic utility of ultrasonography for respiratory distress syndrome in bayi baru lahir. *Med Sci Monit* 2006; 12(10): Cr440–Cr446.
- Brat R, Yousef N, Klifa R et al: Lung ultrasonography score to evaluate oxygenation and surfactant need in bayi baru lahir treated with continuous positive airway pressure. *JAMA Pediatr*, 2015; 169: e151797
- Brat R, Yousef N, Klifa R, Reynaud S, Shankar Aguilera S, de Luca D. Lung ultrasonography score to evaluate oxygenation and surfactant need in premature treated with continuous positive airway pressure. *JAMA Pediatr*. 2015;169(8):e151797
- Caiulo VA, Gargani L, Caiulo S, Fiscaro A, Moramarco F, Latini G et al. Lung ultrasound characteristics of community-acquired pneumonia in hospitalized children. *Pediatr Pulmonol* 2013; 48(3): 280–287
- Chen SW, Fu W, Liu J et al: Routine application of lung ultrasonography in the neonatal intensive care unit. *Medicine*, 2017; 96: e5826
- Chiruvolu, A., Punjwani, P., & Ramaciotti, C., 2009. Clinical and echocardiographic diagnosis of patent ductus arteriosus in premature newborn. *Early Hum. Dev.* 85. doi:10.1016/j.earlhumdev.2008.12.008
- Copetti R, Cattarossi L. The 'double lung point': an ultrasound sign diagnostic of transient tachypnea of the newborn. *Neonatology* 2007; 91(3): 203–209
- Davis, P., Turner-Gomes, S., Cunningham, K., Way, C., Roberts, R., Schmidt, B., et al., 1994. Precision And Accuracy Of Clinical Signs In Infants At Risk Of Patent Ductus Arteriosus (PDA). *Pediatr. Res.* 1994 352 35: 272–272. doi:10.1203/00006450-199402000-00107
- Davis, P., Turner-Gomes, S., Cunningham, K., Way, C., Roberts, R., Schmidt, B., et al., 1994. Precision And Accuracy Of Clinical Signs In Infants At Risk Of Patent Ductus Arteriosus (PDA). *Pediatr. Res.* 1994 352 35: 272–272. doi:10.1203/00006450-199402000-00107
- Duggan, N.M.; Goldsmith, A.J.; Al Saud, A.A.; Ma, I.W.; Shokoohi, H.; Liteplo, A.S. Optimizing lung ultrasound: The effect of depth, gain and focal position on sonographic B-Lines. *Ultrasound Med. Biol.* 2022, 48, 1509–1517. [CrossRef] [PubMed]

- El-Malah HE-DGM, Hany S, Mahmoud MK, Ali AM. Lung ultrasonography in evaluation of neonatal respiratory distress syndrome. *Egypt J Radiol Nucl Med* 2015; 46(2): 469–474
- Evans, N., 2012. Diagnosis of the Preterm Patent Ductus Arteriosus: Clinical Signs, Biomarkers, or Ultrasound *Semin. Perinatol.* doi:10.1053/j.semperi.2011.09.021
- Farkhati, M.Y., Wandita, S., & Angraini, A., 2019. Pengembangan Sistem Skoring Diagnosis Hemodinamically Significant Patent Ductus Arteriosus. Universitas Gadjah Mada.
- Gomella T, Cunningham M, & Eyal F, 2013. Lange Neonatology 7th Edition, Neonatology: Management, procedures, on call problems, disease, and drugs
- Gao, Y.-Q.; Qiu, R.-X.; Liu, J.; Zhang, L.; Ren, X.-L.; Qin, S.-J. Lung ultrasound completely replaced chest X-ray for diagnosing neonatal lung diseases: A 3-year clinical practice report from a neonatal intensive care unit in China. *J. Matern.-Fetal Neonatal Med.* 2022, 35, 3565–3572
- Gillam-Krakauer, M., & Reese, J., 2018. Diagnosis and management of patent ductus arteriosus. *Neoreviews* 19. doi:10.1542/neo.19-7-e394
- Gonen, I., Babayigit, A., Bornaun, H., Yasa, B., Memur, S., Semerci, S.Y., et al., 2021. SIMPLE: A Novel Scoring System for Predicting Hemodynamically Significant Patent Ductus Arteriosus Without Echocardiographic Evaluation in Extremely Low Birth Weight Infants. *Front. Pediatr.* 9. doi:10.3389/fped.2021.649515
- Guo, G.; Zhang, X.-F.; Liu, J.; Zong, H.-F. Lung ultrasound to quantitatively evaluate extravascular lung water content and its clinical significance. *J. Matern.-Fetal Neonatal Med.* 2022, 35, 2904–2914.
- Hundscheid, T.; Onland, W.; Kooi, E.M.W.; Vijlbrief, D.C.; De Vries, W.B.; Dijkman, K.P.; Van Kaam, A.H.; Villamor, E.; Kroon, A.A.; Visser, R.; et al. Expectant Management or Early Ibuprofen for Patent Ductus Arteriosus. *N. Engl. J. Med.* 2023, 388, 980–990.
- Kameda, T.; Kamiyama, N.; Taniguchi, N. Simple experimental models for elucidating the mechanism underlying vertical artifacts in lung ultrasound: tool for revisiting B-lines. *Ultrasound Med. Biol.* 2021, 47, 3543–3555.

- Kindler, A., Seipolt, B., Heilmann, A., Range, U., Rüdiger, M., & Hofmann, S.R., 2017. Development of a diagnostic clinical score for hemodynamically significant patent ductus arteriosus. *Front. Pediatr.* 5. doi:10.3389/fped.2017.00280
- Kiran, M. (2019) Functional ECHO and Point of CARE Ultrasound India ( FocusIn ) Neonatologist Performed Echocardiography. Perth: RCSI.
- Kurepa D, Zaghloul N, Watkins L et al: Neonatal lung ultrasound exam guidelines. *J Perinatol*, 2017; 38(1): 11–22
- Lichtenstein DA, Lascols N, Meziere G, Gepner A. Ultrasound diagnosis of alveolar consolidation in the critically ill. *Intensive Care Med* 2004
- Lichtenstein DA, Meziere G, Lascols N, Biderman P, Courret JP, Gepner A et al. Ultrasound diagnosis of occult pneumothorax. *Crit Care Med* 2005; 33(6): 1231–1238
- Lichtenstein DA: Current misconceptions in lung ultrasound: A short guide for experts. *Chest*, 2019; 156(1): 21–25
- Liu, C., Zhu, X., Li, D., & Shi, Y., 2021. Related Factors of Patent Ductus Arteriosus in Preterm Infants: A Systematic Review and Meta-Analysis. *Front. Pediatr.* 8. doi:10.3389/fped.2020.605879
- Liu J, Chen SW, Liu F, Li QP, Kong XY, Feng ZC. The diagnosis of neonatal pulmonary atelectasis using lung ultrasonography. *Chest* 2015; 147(4): 1013–1019
- Liu J, Chen XX, Li XW, Chen SW, Wang Y, Fu W. Lung ultrasonography to diagnose transient tachypnea of the newborn. *Chest* 2016; 149(5): 1269–1275.
- Liu J, Copetti R, Sorantin E et al: Protocol and guidelines for point-of-care lung ultrasound in diagnosing neonatal pulmonary diseases based on international expert consensus. *J Vis Exp*, 2019; (145)
- Liu, J. Lung Ultrasonography Does Not Distinguish between Interstitial and Alveolar Pulmonary Edema. *Diagnostics* 2024, 14, 324. <https://doi.org/10.3390/diagnostics14030324>
- Liu, J.; Cao, H.-Y.; Wang, X.-L.; Xiao, L.-J. The significance and the necessity of routinely performing lung ultrasound in the neonatal intensive care units. *J. Matern.-Fetal Neonatal Med.* 2016, 29, 4025–4030.

- Manandhar, S. Lung ultrasound in diagnosis of interstitial lung disease. *J. Nepal Health Res. Counc.* 2023, 20, 916–921. [PubMed]
- Miller, L.E.; Stoller, J.Z.; Fraga, M.V. Point-of-care ultrasound in the neonatal ICU. *Curr. Opin. Pediatr.* 2020, 32, 216–227. [CrossRef]
- Murni, I.K., Triasih, R. and den Ende, J.V. (2020). *Penalaran Klinis di Era Kedokteran Berbasis Bukti untuk Mahasiswa dan Klinisi*. Yogyakarta: Fakultas Kedokteran, Kesehatan Masyarakat dan Keperawatan (FKKMK) Universitas Gadjah Mada (UGM), pp.43–54.
- Ozdemir M, Tepe T, Ozlu F, et al. Lung ultrasound score in the decision of patent ductus arteriosus closure in bayi baru lahir. *J Clin Ultrasound.* 2024;1-11
- Pourarian, S., Farahbakhsh, N., Sharma, D., Cheriki, S., Bijanzadeh, F. 2017. Prevalence and Risk Factors Associated with the Patency of Ductus Arteriosus in Preterm Newborn: A Prospective Observational Study from Iran. *J Matern Fetal Neonatal Med*, 30(12): 1460–1464.
- Pugnaloni, F.; Doni, D.; Lucente, M.; Fiocchi, S.; Capolupo, I. Ductus Arteriosus in Fetal and Perinatal Life. *J. Cardiovasc. Dev. Dis.* 2024, 11, 113. <https://doi.org/10.3390/jcdd11040113>
- Rashid, U., Qureshi, A.U., Hyder, S.N., & Sadiq, M., 2016. Pattern of congenital heart disease in a developing country tertiary care center: Factors associated with delayed diagnosis. *Ann. Pediatr. Cardiol.* 9. doi:10.4103/0974-2069.189125
- Reller, M.D., Lorenz, J.M., Kotagal, U.R., Meyer, R.A., & Kaplan, S., 1985. Hemodynamically significant PDA: An echocardiographic and clinical assessment of incidence, natural history, and outcome in very low birth weight infants maintained in negative fluid balance. *Pediatr. Cardiol.* 6. doi:10.1007/BF02265403
- Rozé, J.-C.; Cambonie, G.; Marchand-Martin, L.; Gournay, V.; Durrmeyer, X.; Durox, M.; Storme, L.; Porcher, R.; Ancel, P.-Y.; Hemodynamic EPIPAGE 2 Study Group. Association Between Early Screening for Patent Ductus Arteriosus and In-Hospital Mortality Among Extremely Preterm Infants. *JAMA* 2015, 313, 2441–2448
- Savoia, M.; McNamara, P.J.; Titolo, A.; Cattarossi, L.; Lung ultrasound score parallels trends in systemic haemodynamics after PDA ligation: a case series. *European Journal of Pediatrics* (2022) 181:2541–2546

- Sharma D, Farahbakhsh N. Role of chest ultrasound in neonatal lung disease: a review of current evidences. *J Matern Fetal Neonatal Med* 2019; 32: 310-316 [PMID: 28870125 DOI: 10.1080/14767058.2017.1376317]
- Skelton, R., Evans, N., & Smythe, J., 1994. A blinded comparison of clinical and echocardiographic evaluation of the preterm infant for patent ductus arteriosus. *J. Paediatr. Child Health* 30: 406–411.
- Skinner, J., 2001. Diagnosis of patent ductus arteriosus. *Semin. Neonatol.* 6: 49–61. doi:10.1053/SINY.2000.0037
- Soliman, R.M., Mostafa, F.A., Abdelmassih, A., Sultan, E., & Mosallam, D., 2020. Patent ductus arteriosus in preterm infants; experience of a tertiary referral neonatal intensive care unit: prevalence, complications, and management. *Egypt. Pediatr. Assoc. Gaz.* 68. doi:10.1186/s43054-020-00046-8
- Terrin, G., Di Chiara, M., Boscarino, G., Metrangolo, V., Faccioli, F., Onestà, E., et al., 2021. Morbidity associated with patent ductus arteriosus in preterm newborns: a retrospective case-control study. *Ital. J. Pediatr.* 47. doi:10.1186/s13052-021-00956-2
- Volpicelli G, Caramello V, Cardinale L, Mussa A, Bar F, Frascisco MF. Detection of sonographic B-lines in patients with normal lung or radiographic alveolar consolidation. *Med Sci Monit* 2008; 143: Cr122–Cr128.
- Wang, Y.; Li, N.; Qu, Y. Diagnostic accuracy of lung ultrasound for transient tachypnea: A meta-analysis. *J. Pediatr.* 2022, 98, 329–337. [CrossRef]
- Wu, J.; Wang, Y.; Zhao, A.; Wang, Z. Lung Ultrasound for the Diagnosis of Neonatal Respiratory Distress Syndrome: A Meta-analysis. *Ultrasound Q.* 2020, 36, 102–110. [CrossRef]
- Yu LF et al. Cardiopulmonary ultrasonography in bayi baru lahir with PDA. *World J Clin Cases* 2021 March 16; 9(8): 1827-1834
- Zhao M:Lung ultrasound score predicts the extravascular lung water content. *Med Sci Monit*, 2020; 26: e921671
- Zong HF, Guo G, Liu J et al: Using lung ultrasound to quantitatively evaluate pulmonary water content. *Pediatr Pulmonol*, 2020; 55(3): 729–39