

Citas bibliográficas

VI. Valores normales del hemograma

1. Heeger LE, Koster MIJ, Caram-Deelder C, Bekker V, Van der Bom JG, Lopriore E. (2024). Umbilical cord blood as an alternative to neonatal blood for complete blood: a comparison study. *J Pediatr.* 2024; 271: 1–7. <https://doi.org/https://doi.org/10.1016/j.jpeds.2024.114059>
2. Prakash N, Decristofaro J, Maduekwe ET. One Less Painful Procedure: Using Umbilical Cord Blood as Alternative Source to Admission Complete Blood Count. *Am J Perinatol.* 2017; 34(12): 1178–1184. <https://doi.org/https://doi.org/10.1055/s-0037-1601565>.
3. Escobar-Imbaquingo IM. Estudio epidemiológico, descriptivo, multicéntrico, transversal, comparativo entre dos cohortes de recién nacidos a término y recién nacidos pretérmino, usando biometría hemática, proteína c reactiva, procalcitonina y hemocultivo para la identificación de los biomarcadores de sepsis neonatal. *Rev Ecuatoriana Pediatría.* 2019; 20(1): 21–33. <https://docs.bvsalud.org/biblioref/2019/08/1010311/revista-pediatria-vfinal-23-35.pdf>.
4. Greer R, Safarulla A, Koepfel R, Aslam M, Bany-Mohammed FM. Can fetal umbilical venous blood be a reliable source for admission complete blood count and culture in NICU patients? *Neonatology.* 2019; 115(1): 49–58. <https://dx.doi.org/10.1159/000491993>.
5. Guler E, Buyuktiryaki M, Unsal H, Tayman C. Useful Platelet Indices for the Diagnosis and Follow-Up of Patent Ductus Arteriosus. *Am J Perinatol.* 2019; 36(14): 1521–1527. <https://doi.org/10.1055/s-0039-1688821>
6. Ozturk T, Engin DC, Kaya M, Yaman A. Parámetros de hemograma completo para predecir la retinopatía del prematuro: ¿cuándo evaluar y qué nos dicen? *Internat Ophthalmology.* 2021; 41: 2009–2018. <https://doi.org/https://doi.org/10.1007/s10792-021-01756-7>.
7. Elgari M, Khabour OF, Alhag SM. Correlations between changes in hematological indices of mothers with preeclampsia and umbilical cord blood of newborns. *Clin Exp Hypertension.* 2019; 41(1): 58–61. <https://doi.org/https://doi.org/10.1080/10641963.2018.1441861>
8. Goldstein GP, Sylvester KG. Biomarker discovery and utility in necrotizing enterocolitis. *Clinics in Perinatology.* 2019; 46(1): 1–17. <https://doi.org/https://doi.org/10.1016/j.clp.2018.10.001>.
9. Cakir U, Tayman C, Tugcu UA. (2024). The effectiveness of early systemic inflammatory indices in predicting advanced intraventricular hemorrhage in preterm infants. *Andes pediatría.* 2024;95(3):244–251. <https://doi.org/https://doi.org/10.32641/andespediatr.v95i3.4720>.
10. Ohuma EO, Moller AB, Bradley E, Chakwera S, Hussain-Alkhateeb L, Lewin A, Okwaraji YB, Mahanani WR, Johansson WE, Lavin T, Estevez-Fernande D, Gatica-Domínguez, G, de Costa A. National, regional, and global estimates of preterm birth in 2020, with trends from 2010: a systematic analysis. *Lancet.* 2023; 402(10409): 1261–1271. [https://doi.org/https://doi.org/10.1016/S0140-6736\(23\)00878-4](https://doi.org/https://doi.org/10.1016/S0140-6736(23)00878-4).

**XV CONSENSO SIBEN HEMATOLOGÍA NEONATAL:
ESENCIALES PARA LA PRÁCTICA CLÍNICA**

11. OMS. Nacimientos prematuros. 2023; <https://www.who.int/es/news-room/fact-sheets/detail/preterm-birth>.
12. Boni Rolim AC, Lambert MA, Grassano Borges JP, Abbas AS, Bordin JO, Langhi DM, Kuroda A, Nunes-dos Santos AM. Blood cells profile in umbilical cord of late preterm and term newborns. *Rev Paulista Pediatr*, 2019; 37(3): 264–274. <https://doi.org/https://dx.doi.org/10.1590/1984-0462/;2019;37;3;00008>.
13. Ventimiglia FD, Rivas-Ibargüen MA, Vildoza A, Orsilles MA. Valor diagnóstico de la morfología eritrocitaria en las anemias. *Acta bioq clín latinoamericana*. 2017; 51(3): 379–386. https://www.scielo.org.ar/scielo.php?script=sci_arttext&pid=S0325-29572017000300013&lng=es&nrm=iso
14. Proytcheva MA. Issues in Neonatal Cellular Analysis. *Am J Clin Path*. 2009; 131(4): 560–573. <https://doi.org/https://doi.org/10.1309/AJCPTHBJ4I4YGZQC>.
15. Henry E, Christensen RD. Reference Intervals in Neonatal Hematology. *Clin Perinatol*. 2015; 42(3): 483-497. doi: 10.1016/j.clp.2015.04.005. Epub 2015 May 13. PMID: 26250912.
16. Gunduz M, Temel H. Reference intervals for complete blood count from umbilical cord blood in newborns and comparison with venous blood values. *Pak J Med Sci*. 2021; 37(2): 439-444. doi: <https://doi.org/10.12669/pjms.37.2.2626>.
17. Dallman PR. Anemia of prematurity. *Annu Rev Med*. 1981; 32: 143-160. doi: 10.1146/annurev.me.32.02018.001043

XV CONSENSO SIBEN HEMATOLOGÍA NEONATAL: ESENCIALES PARA LA PRÁCTICA CLÍNICA

28. Christensen RD, Henry E, Andres RL, et al. Reference ranges for blood concentrations of nucleated red blood cells in neonates. *Neonatology* 2011;99(4): 289–94.
29. Christensen RD, Baer VL, Gordon PV, et al. Reference ranges for lymphocyte counts of neonates: associations between abnormal counts and outcomes. *Pediatrics* 2012;129(5):e1165–72.
30. Christensen RD, Baer VL, Lambert DK, et al. Reference intervals for common coagulation tests of preterm infants. *Transfusion* 2014;54(3):627–32.
31. Christensen RD, Yaish HM, Henry E, et al. Red blood cell distribution width: reference intervals for neonates. *J Matern Fetal Neonatal Med* 2014;17:1–6.
32. Abdullah Bin Zubair, Mustafa Tauseef Razzaq, Abdul Wasey Hashmi, et al. Clinical Characteristics and Etiological Spectrum of Pancytopenia in Pediatric Age Group: A Cross- Sectional Outlook From a Developing Country. August 10, 2022 *14(8): e27842*.
33. Deepa Hans, Navneet Naz, Poonam Sharma, Jyotsna Suri, Deepti Gupta. Pancytopenia in children-clinical and haematological evaluation. *Indian Journal of Pathology and Oncology*. 2020; 7 (2): 266-268
34. Pedro M. Rubio Aparicio, Susana Riesco Riesco. Pancitopenia: valoración clínica y diagnóstica, *An Pediatr Contin*. 2012;10(4):217-21
35. Huerta Aragonés J, Cela de Julián E. Hematología práctica: interpretación del hemograma y de las pruebas de coagulación. En: AEPap (ed.). *Curso de Actualización Pediatría 2018*. Madrid: Lúa Ediciones 3.0; 2018. p. 507-526.
36. Shaun Chew, Majeed Kamangar. Approach to pancytopenia. From blood tests to the bedside. *Clinical Medicine* 24 (2024) 100235
37. Morales-Quintero N, Martínez-Sánchez LM. Pancitopenia: Enfoque diagnóstico. Revisión de la literatura. *Salutem Scientia Spiritus* 2024; 10(1):50-56.
38. Guía de práctica clínica. Diagnóstico y tratamiento del síndrome de falla medular en edad pediátrica en tercer nivel de atención. IMSS. Coordinación de unidades médicas de alta especialidad. ISBN: 978-607-8270-08-8
39. Lalsita Wadhwa. Suman Chirla, Maheshwari k, Puneet Wadhwa. Bicytopenia/pancytopenia in children-clinico etiología profile and importance of bone marrow evaluation in a tertiary care centre. *International Journal of Contemporary Pediatrics*. 2021 Jan; 8(1): 102-106
40. Bruce M camitta, E. donnall Thomas, et al. Severe Aplastic Anemia. Prospective Study of the effect of early marrow transplantation on Acute Mortality. *Blood*. Vol. 48 No.1 1 JULY. 1976. 63-70
41. Martínez D. Máshenka A, Moreno González. Capítulo Hematología. *Manual de Pediatría*. McGrawHill. 2016. 514-515
42. Conseil D. Guide to the preparation, use and quality assurance of blood components : recommendation No. R (95) 15. Council of Europe; Strasbourg: 2015.
43. Massey E. CLINICAL GUIDELINES FOR THE USE OF GRANULOCYTE TRANSFUSIONS. Granulocyte Working Group; UK: 2012.
44. Guidelines for the Blood Transfusion Services / 7.7.4: Red Cells for Neonates and Infants, Leucocyte Depleted, Guidelines for the Blood Transfusion Services / 7.7.4: Red Cells for Neonates and Infants, Leucocyte Depleted, 2025
45. Pammi M, Brocklehurst P. Granulocyte transfusions for neonates with confirmed or suspected sepsis and neutropenia. *Cochrane Database Syst Rev*. 2011 Oct 5;2011(10):CD003956. doi: 10.1002/14651858.CD003956.pub2. PMID: 21975741; PMCID: PMC7104253.

**XV CONSENSO SIBEN HEMATOLOGÍA NEONATAL:
ESENCIALES PARA LA PRÁCTICA CLÍNICA**

46. Gea-Banacloche J. Granulocyte transfusions: A concise review for practitioners. *Cytotherapy*. 2017 Nov;19(11):1256-1269. doi: 10.1016/j.jcyt.2017.08.012. Epub 2017 Sep 12. PMID: 28916227; PMCID: PMC5716890.
47. Irina Pateva, V. Y. (s.f.). White Blood Cells and Immune Disorders. En *The Blood and Hematopoietic System*(págs. 1553-1565).
48. Aray Nuñez Garcia, I. L. (2018). Reacción leucemoide en etapa neonatal. *Revista Cubana de Hematol, Inmunol y Hemoterapia.*, 34(1):174-176.
49. C. Terry, D. K. (2023). Retrospective analysis of leukemoid reactions in extremely preterm infants in a tertiary NICU from 2018-2021. *The Journal of Maternal-Fetal & Neonatal Medicine*, 1476-4954.
50. Khare, D. R. (2024). Early onset leukemoid reaction in a micro. *Pediatrics and Neonatology* 65, 101-102.
51. Pieren DKJ, Boer MC, de Wit J. The adaptive immune system in early life: The shift makes it count. *Front Immunol*. 2022 Nov 17;13:1031924. doi: 10.3389/fimmu.2022.1031924. PMID: 36466865; PMCID: PMC9712958.
52. Dowling DJ, Levy O. Ontogeny of early life immunity. *Trends Immunol*. 2014 Jul;35(7):299-310. doi: 10.1016/j.it.2014.04.007. Epub 2014 May 28. PMID: 24880460; PMCID: PMC4109609.
53. Laylaa Ramos, Joan K. Lunney, Mercedes Gonzalez-Juarrero; Neonatal and infant immunity for tuberculosis vaccine development: importance of age-matched animal models. *Dis Model Mech* 1 September 2020; 13 (9): dmm045740. doi: <https://doi.org/10.1242/dmm.045740>
54. Yu JC, Khodadadi H, Malik A, Davidson B, Salles ÉDSL, Bhatia J, Hale VL, Baban B. Innate Immunity of Neonates and Infants. *Front Immunol*. 2018 Jul 30;9:1759. doi: 10.3389/fimmu.2018.01759. PMID: 30105028; PMCID: PMC6077196.
55. Dowling DJ, Levy O. Ontogeny of early life immunity. *Trends Immunol*. 2014 Jul;35(7):299-310. doi: 10.1016/j.it.2014.04.007. Epub 2014 May 28. PMID: 24880460; PMCID: PMC4109609.
56. Debock I et al. Neonatal immune response to vaccination. *Front Immunol*. 2018;9:1249.
57. Saso A, Kampmann B. Maternal Immunization: Nature Meets Nurture. *Front Microbiol*. 2020 Jul 24;11:1499. doi: 10.3389/fmicb.2020.01499. PMID: 32849319; PMCID: PMC7396522.
58. Brockway MM, Daniel AI, Reyes SM, Gauglitz JM, Granger M, McDermid JM, Chan D, Refvik R, Sidhu KK, Musse S, Patel PP, Monnin C, Lotoski L, Geddes DT, Jehan F, Kolsteren P, Bode L, Eriksen KG, Allen LH, Hampel D, Rodriguez N, Azad MB. 1. Human Milk Bioactive Components and Child Growth and Body Composition in the First 2 Years: A Systematic Review. *Adv Nutr*. 2024 Jan;15(1):100127. doi: 10.1016/j.advnut.2023.09.015. Epub 2023 Oct 4. PMID: 37802214; PMCID: PMC10831900.
59. Halasa NB, Olson SM, Staat MA, Newhams MM, Price AM, Pannaraj PS; Overcoming Covid-19 Investigators. Maternal Vaccination and Risk of Hospitalization for Covid-19 among Infants. *N Engl J Med*. 2022 Jul 14;387(2):109-119. doi: 10.1056/NEJMoa2204399. Epub 2022 Jun 22. PMID: 35731908; PMCID: PMC9342588.