

Early Onset Sepsis in the Term and PreTerm Infant

References

Berardi A, Buffagni AM, Rossi C, Vaccina E, Cattelani C, et al. Serial physical examinations, a simple and reliable tool for managing neonates at risk for early-onset sepsis. *World J Clin Pediatr.* 2016 Nov 8;5(4):358-364. doi: 10.5409/wjcp.v5.i4.358. PMID: 27872823; PMCID: PMC5099587.

Duong QA, Pittet LF, Curtis N, Zimmermann P. Antibiotic exposure and adverse long-term health outcomes in children: A systematic review and meta-analysis. *J Infect.* 2022 Sep;85(3):213-300. doi: 10.1016/j.jinf.2022.01.005. Epub 2022 Jan 10. Erratum in: *J Infect.* 2023 Jan;86(1):118. doi: 10.1016/j.jinf.2022.10.035. PMID: 35021114.

Escobar GJ, Puopolo KM, Wi S, Turk BJ, Kuzniewicz MW, et al. Stratification of risk of early-onset sepsis in newborns \geq 34 weeks' gestation. *Pediatrics.* 2014 Jan;133(1):30-6. doi: 10.1542/peds.2013-1689. Epub 2013 Dec 23. PMID: 24366992; PMCID: PMC4079292.

Flannery DD, Puopolo KM, Hansen NI, Gerber JS, Sánchez PJ, Stoll BJ; for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Antimicrobial Susceptibility Profiles Among Neonatal Early-onset Sepsis Pathogens. *Pediatr Infect Dis J.* 2022 Mar 1;41(3):263-271. doi: 10.1097/INF.0000000000003380. PMID: 34862339; PMCID: PMC8831448.

Frymoyer A, Joshi NS, Allan JM, Cohen RS, Aby JL, et al. Sustainability of a Clinical Examination-Based Approach for Ascertainment of Early-Onset Sepsis in Late Preterm and Term Neonates. *J Pediatr.* 2020 Oct;225:263-268. doi: 10.1016/j.jpeds.2020.05.055. Epub 2020 Jun 5. PMID: 32511960.

Goel N, Shrestha S, Smith R, Mehta A, Ketty M, et al. Screening for early onset neonatal sepsis: NICE guidance-based practice versus projected application of the Kaiser Permanente sepsis risk calculator in the UK population. *Arch Dis Child Fetal Neonatal Ed.* 2020 Mar;105(2):118-122. doi: 10.1136/archdischild-2018-316777. Epub 2019 Jul 11. PMID: 31296696.

Gottschalk A, Coggins S, Dhudasia MB, Flannery DD, Healy T, et al. Utility of Anaerobic Blood Cultures in Neonatal Sepsis Evaluation. *J Pediatric Infect Dis Soc.* 2024 Aug 24;13(8):406-412. doi: 10.1093/jpids/piae056. PMID: 38822536.

Gyllensvärd J, Studahl M, Gustavsson L, Hentz E, Åkesson K, et al; SWENAB Study Group. Antibiotic Use in Late Preterm and Full-Term Newborns. *JAMA Netw Open.* 2024 Mar 4;7(3):e243362. doi: 10.1001/jamanetworkopen.2024.3362. PMID: 38517437; PMCID: PMC10960197.

Kimpton JA, Verma A, Thakkar D, Teoh S, Verma A, et al; Neonatal Trainee-Led Research and Improvement Projects (NeoTRIPs). Comparison of NICE Guideline CG149 and the Sepsis Risk Calculator for the Management of Early-Onset Sepsis on the Postnatal Ward. *Neonatology.* 2021;118(5):562-568. doi: 10.1159/000518059. Epub 2021 Sep 9. PMID: 34518475.

Kuzniewicz MW, Escobar GJ, Forquer H, Li S, Shu D, et al. Update to the Neonatal Early-Onset Sepsis Calculator Utilizing a Contemporary Cohort. *Pediatrics*. 2024 Oct 1;154(4):e2023065267. doi: 10.1542/peds.2023-065267. PMID: 39314183.

Snoek L, van Kassel MN, Krommenhoek JF, Achten NB, Plötz FB, et al; NOGBS study group. Neonatal early-onset infections: Comparing the sensitivity of the neonatal early-onset sepsis calculator to the Dutch and the updated NICE guidelines in an observational cohort of culture-positive cases. *EclinicalMedicine*. 2022 Jan 10;44:101270. doi: 10.1016/j.eclinm.2021.101270. PMID: 35059618; PMCID: PMC8760457.

Stocker M, Rosa-Mangeret F, Agyeman PKA, McDougall J, Berger C, Giannoni E. Management of neonates at risk of early onset sepsis: a probability-based approach and recent literature appraisal : Update of the Swiss national guideline of the Swiss Society of Neonatology and the Pediatric Infectious Disease Group Switzerland. *Eur J Pediatr*. 2024 Dec;183(12):5517-5529. doi: 10.1007/s00431-024-05811-0. Epub 2024 Oct 17. PMID: 39417838; PMCID: PMC11527939.

Ting JY, Roberts A, Sherlock R, Ojah C, Cieslak Z, et al; Canadian Neonatal Network Investigators. Duration of Initial Empirical Antibiotic Therapy and Outcomes in Very Low Birth Weight Infants. *Pediatrics*. 2019 Mar;143(3):e20182286. doi: 10.1542/peds.2018-2286. PMID: 30819968.

Vatne A, Klingenberg C, Øymar K, Rønnestad AE, Manzoni P, Rettedal S. Reduced Antibiotic Exposure by Serial Physical Examinations in Term Neonates at Risk of Early-onset Sepsis. *Pediatr Infect Dis J*. 2020 May;39(5):438-443. doi: 10.1097/INF.0000000000002590. PMID: 32301920.