



This is a reading list to accompany the *SPSP MCQIC webinar: Neonatal Admission Hypothermia*. This list is not exhaustive but includes a variety of resources on the topic that have been published in the last five years. The citation and full-text links for these publications are listed below. They have been grouped as [reports](#), [review articles](#), [other articles](#) and [webpages](#).

Reading

Reports

Blotkamp A, NMPA Project Team. National Maternity and Perinatal Audit: Organisational Report 2019. 2019 [cited 2021 Aug 05]; Available from: <https://maternityaudit.org.uk/FilesUploaded/NMPA%20Organisational%20Report%202019.pdf>

Review articles

Abiramalatha T, Ramaswamy VV, Bandyopadhyay T, Pullattayil AK, Thanigainathan S, Trevisanuto D, *et al.* [Delivery Room Interventions for Hypothermia in Preterm Neonates: A Systematic Review and Network Meta-analysis](#). JAMA Pediatr. 2021:e210775-e.

Donnellan D, Moore Z, Patton D, O'Connor T, Nugent L. [The effect of thermoregulation quality improvement initiatives on the admission temperature of premature/very low birth-weight infants in neonatal intensive care units: A systematic review](#). J Spec Pediatr Nurs. 2020;25(2):e12286.

McCall EM, Alderdice F, Halliday HL, Vohra S, Johnston L. [Interventions to prevent hypothermia at birth in preterm and/or low birth weight infants](#). Cochrane Database Syst Rev. 2018(2).

Meyer MP, Owen LS, te Pas AB. [Use of Heated Humidified Gases for Early Stabilization of Preterm Infants: A Meta-Analysis](#). Front Pediatr. 2018;6(319).

Other articles

Jain P, Dalal JS, Gathwala G. [Rapid vs. Slow Rewarming for Management of Moderate to Severe Hypothermia in Low-Birth-Weight Pre-term Neonates—An Open Label Randomized Controlled Trial](#). J Trop Pediatr. 2021;67(1).

Frazer M, Ciarlo A, Hinderer KA, Briere C-E. [Reducing Admission Hypothermia in Neonates Born at Less Than 32 Weeks or 1500g](#). Adv Neonatal Care. 2021;

Sharma D, Murki S, Pratap T, Deshbotla SK, Vardhelli V, Pawale D, *et al.* [Association between admission temperature and mortality and major morbidity in very low birth weight neonates – single center prospective observational study](#). J Matern Fetal Neonatal Med. 2020:1-9.

Sharma D, Murki S, Kulkarni D, Pawale D, Vardhelli V, Anne RP, *et al.* [The impact of a quality improvement project to reduce admission hypothermia on mortality and morbidity in very low birth weight infants](#). Eur J Pediatr. 2020;179(12):1851-8.

Merazzi D, Bresesti I, Tagliabue P, Valsecchi MG, De Lorenzo P, Lista G, *et al.* [Body temperature at nursery admission in a cohort of healthy newborn infants: results from an observational cross-sectional study](#). Ital J Pediatr. 2020;46(1):46.

Tay VYJ, Bolisetty S, Bajuk B, Lui K, Smyth J, on behalf of the New South W, *et al.* [Admission temperature and hospital outcomes in extremely preterm infants](#). J Paediatr Child Health. 2019;55(2):216-23.

- O'Brien EA, Colaizy TT, Brumbaugh JE, Cress GA, Johnson KJ, Klein JM, *et al.* [Body temperatures of very low birth weight infants on admission to a neonatal intensive care unit](#). J Matern Fetal Neonatal Med. 2019;32(16):2763-6.
- Arriagada S, Huang H, Fletcher K, Giannone P. [Prevention of excessive hypothermia in infants with hypoxic ischemic encephalopathy prior to admission to a quaternary care center: a neonatal outreach educational project](#). J Perinatol. 2019;39(10):1417-27.
- Wilson E, Zeitlin J, Piedvache A, Misselwitz B, Christensson K, Maier RF, *et al.* [Cohort study from 11 European countries highlighted differences in the use and efficacy of hypothermia prevention strategies after very preterm birth](#). Acta Paediatr. 2018;107(6):958-66.
- Trevisanuto D, Testoni D, de Almeida MFB. [Maintaining normothermia: Why and how?](#) Semin Fetal Neonatal Med. 2018;23(5):333-9.
- McGrory L, Owen LS, Thio M, Dawson JA, Rafferty AR, Malhotra A, *et al.* [A Randomized Trial of Conditioned or Unconditioned Gases for Stabilizing Preterm Infants at Birth](#). J Pediatr. 2018;193:47-53.
- Harriman TL, Carter B, Dail RB, Stowell KE, Zukowsky K. [Golden Hour Protocol for Preterm Infants: A Quality Improvement Project](#). Adv Neonatal Care. 2018;18(6).
- Frazer M, Ciarlo A, Herr J, Briere C-E. [Quality Improvement Initiative to Prevent Admission Hypothermia in Very-Low-Birth-Weight Newborns](#). J Obstet Gynecol Neonatal Nurs. 2018;47(4):520-8.
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- Bensouda B, Mandel R, Mejri A, Lachapelle J, St-Hilaire M, Ali N. [Temperature Probe Placement during Preterm Infant Resuscitation: A Randomised Trial](#). Neonatology. 2018;113(1):27-32.
- Andrews C, Whatley C, Smith M, Brayton EC, Simone S, Holmes AV. [Quality-Improvement Effort to Reduce Hypothermia Among High-Risk Infants on a Mother-Infant Unit](#). Pediatrics. 2018;141(3):e20171214.
- Yip WY, Quek BH, Fong MCW, Thilagamangai, Ong SSG, Lim BL, *et al.* [A quality improvement project to reduce hypothermia in preterm infants on admission to the neonatal intensive care unit](#). Int J Qual Health Care. 2017;29(7):922-8.
- Harer MW, Vergales B, Cady T, Early A, Chisholm C, Swanson JR. [Implementation of a multidisciplinary guideline improves preterm infant admission temperatures](#). J Perinatol. 2017;37(11):1242-7.
- Wilson E, Maier RF, Norman M, Misselwitz B, Howell EA, Zeitlin J, *et al.* [Admission Hypothermia in Very Preterm Infants and Neonatal Mortality and Morbidity](#). J Pediatr. 2016;175:61-7.e4.
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- Feldman A, De Benedictis B, Alpan G, La Gamma EF, Kase J. [Morbidity and mortality associated with rewarming hypothermic very low birth weight infants](#). J Neonatal Perinatal Med. 2016;9(3):295-302.

Webpages

iHub. How quality improvement (QI) is keeping babies warm [online]. 2019 [cited 2021 Aug 05]; Available from: <https://ihub.scot/news/how-quality-improvement-qi-is-keeping-babies-warm/>