

Variations in the Nutritional Content of Human Milk

Clinical Resources

Preterm Infant Nutrition Guidelines

European Society for Paediatric Gastroenterology Hepatology and Nutrition (ESPGHAN) Enteral Nutrition in Preterm Infants Guidelines (2022)

Embleton ND, Moltu SJ, Lapillonne A, et al. Enteral Nutrition in Preterm Infants (2022): A Position Paper From the ESPGHAN Committee on Nutrition and Invited Experts. *J Pediatr Gastroenterol Nutr.* 2023;76(2):248-268. doi:10.1097/MPG.0000000000003642

https://journals.lww.com/jpgn/Fulltext/2023/02000/Enteral_Nutrition_in_Preterm_Infants__2022__A.23.aspx

Guidelines on Nutritional Care of Preterm Infants (“Koletzko Guidelines”)

Koletzko B, Cheah FC, Domellöf M, Poindexter BB, Vain N, van Guodoever JB, eds. *Nutritional Care of Preterm Infants. Scientific Basis and Practical Guidelines*, 2nd ed. Karger; 2021:430-449.

<https://www.karger.com/Book/Home/277568>

American Academy of Pediatrics (AAP) Pediatric Nutrition Handbook

Kleinman RE, Greer FR, eds. Nutritional Needs of the Preterm Infant. In: *Pediatric Nutrition*, 8th ed. American Academy of Pediatrics; 2020:chap 5.

<https://publications.aap.org/aapbooks/book/667/chapter-abstract/8086279/Nutritional-Needs-of-the-Preterm-Infant?redirectedFrom=fulltext>

Key References on Human Milk for Preterm Infants

AAP Clinical Report on Promoting Human Milk and Breastfeeding for the Very Low Birth Weight Infant

Parker MG, Stellwagen LM, Noble L, et al. Promoting Human Milk and Breastfeeding for the Very Low Birth Weight Infant. *Pediatrics.* 2021;148(5):e2021054272. doi:10.1542/peds.2021-054272

<https://publications.aap.org/pediatrics/article/148/5/e2021054272/181366/Promoting-Human-Milk-and-Breastfeeding-for-the>

AAP Policy Statement on Preparation, Safety, and Usage of Donor Milk

Committee on Nutrition; Section on Breastfeeding; Committee on Fetus and Newborn. Donor Human Milk for the High-Risk Infant: Preparation, Safety, and Usage Options in the United States. *Pediatrics.* 2017;139(1):e20163440. doi:10.1542/peds.2016-3440

<https://publications.aap.org/pediatrics/article/139/1/e20163440/52000/Donor-Human-Milk-for-the-High-Risk-Infant>

CDC Report: Donor Milk Usage in Advanced Neonatal Care Units

Boundy EO, Anstey EH, Nelson JM. Donor Human Milk Use in Advanced Neonatal Care Units — United States, 2020. *MMWR Morb Mortal Wkly Rep.* 2022;71:1037–1041. doi: <http://dx.doi.org/10.15585/mmwr.mm7133a1>

<https://www.cdc.gov/mmwr/volumes/71/wr/mm7133a1.htm>

National Association of Neonatal Nurses (NANN) Position Statement on Human Milk in the NICU

Spatz DL, Edwards TM. The Use of Human Milk and Breastfeeding in the Neonatal Intensive Care Unit: Position Statement 3065. *Adv Neonatal Care.* 2016;16(4):254.

https://nann.org/uploads/About/PositionPDFS/1.4.3_Use%20of%20Human%20Milk%20and%20Breastfeeding%20in%20the%20NICU.pdf



Additional Resources

American Society for Parenteral and Enteral Nutrition (ASPEN) Neonatal Care Resources

Videos, tools, publications, and podcasts to support clinicians caring for the neonatal population

https://www.nutritioncare.org/Guidelines_and_Clinical_Resources/Neonatal_Care_Resources/

European Society for Paediatric Research: Enteral Preterm Nutrition E-Learning Series

<https://www.efcni.org/activities/efcni-academy/enteral-preterm-nutrition/>

Centers for Disease Control (CDC): Information About Formula Shortages

<https://www.cdc.gov/nutrition/infantandtoddlernutrition/formula-feeding/infant-formula-shortage.html>



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