

**Table S1.** Articles retained in literature review.

<b>First author</b>	<b>Year</b>	<b>Title</b>	<b>Journal</b>
Alten, JA	2015	Perioperative feeding management of neonates with CHD: Analysis of the Pediatric Cardiac Critical Care Consortium (PC4) registry	Cardiology in the Young
Anderson, JB	2009	Lower weight-for-age z score adversely affects hospital length of stay after the bidirectional Glenn procedure in 100 infants with a single ventricle	The Journal of Thoracic and Cardiovascular Surgery
Anderson, JB	2011	Poor post-operative growth in infants with two-ventricle physiology	Cardiology in the Young
Anderson, JB	2014	Use of a learning network to improve variation in interstage weight gain after the Norwood operation	Congenital Heart Disease
Argent, AC	2017	Management of undernutrition and failure to thrive in children with congenital heart disease in low- and middle-income countries	Cardiology in the Young
Barbas, KH	2004	Breastfeeding success among infants with congenital heart disease	Pediatric Nursing
Barbas, KH	2019	Macronutrient analysis of modified-fat breast milk produced by 3 methods of fat removal	Journal of Parenteral and Enteral Nutrition
Becker, KC	2015	Necrotizing enterocolitis in infants with ductal-dependent congenital heart disease	American Journal of Perinatology
Biewer, ES	2010	Chylothorax after surgery on congenital heart disease in newborns and infants -risk factors and efficacy of MCT-diet	Journal of Cardiothoracic Surgery
Blasquez, A	2016	Evaluation of nutritional status and support in children with congenital heart disease	European Journal of Clinical Nutrition
Boctor, DL	1999	Nutrition after cardiac surgery for infants with congenital heart disease	Nutrition in Clinical Practice
Braudis, NJ	2009	Enteral feeding algorithm for infants with hypoplastic left heart syndrome poststage I palliation	Pediatric Critical Care Medicine
Cabrera, AG	2010	Nutritional challenges and outcomes after surgery for congenital heart disease	Current Opinion in Cardiology
Chen, CH	2000	The effect of breast- and bottle-feeding on oxygen saturation and body temperature in preterm infants	Journal of Human Lactation
Ciotti G	2002	Nutritional support via percutaneous endoscopic gastrostomy in children with cardiac disease experiencing difficulties with feeding	Cardiology in the Young
Cognata, A	2019	Human milk use in the preoperative period is associated with a lower risk for necrotizing enterocolitis in neonates with complex congenital heart disease	The Journal of Pediatrics
Coker-Bolt, P	2013	The effects of oral motor stimulation on feeding behaviors of infants born with univentricle anatomy	Journal of Pediatric Nursing
Combs, VL	1993	A comparison of growth patterns in breast and bottle-fed infants with congenital heart disease	Pediatric Nursing
Davis, D	2008	Feeding difficulties and growth delay in children with hypoplastic left heart syndrome versus d-transposition of the great arteries	Pediatric Cardiology
Davis, JA	2019	Human milk and infants with congenital heart disease: A summary of current literature supporting the provision of human milk and breastfeeding	Advances in Neonatal Care
del Castillo, SL	2010	Reducing the incidence of necrotizing enterocolitis in neonates with hypoplastic left heart syndrome with the introduction of an enteral feed protocol	Pediatric Critical Care Medicine
Di Maria, MV	2013	Supplemental tube feeding does not mitigate weight loss in infants with shunt-dependent single-ventricle physiology	Pediatric Cardiology
Edwards, TM	2010	An innovative model for achieving breast-feeding success in infants with complex surgical anomalies	The Journal of Perinatal & Neonatal Nursing
Edwards, TM	2012	Making the case for using donor human milk in vulnerable infants	Advances in Neonatal Care
Ehrmann, DE	2017	Noncompliance to a postoperative algorithm using feeding readiness assessments prolonged length of stay at a pediatric heart institute	Pediatric Quality & Safety
Ehrmann, DE	2018	Toward standardization of care: The feeding readiness assessment after congenital cardiac surgery	Congenital Heart Disease
El-Koofy, N	2017	Nutritional rehabilitation for children with congenital heart disease with left to right shunt	The Turkish Journal of Pediatrics
Floh, AA	2016	Nutrition and mesenteric issues in pediatric cardiac critical care	Pediatric Critical Care Medicine

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Fogg, KL	2016	Feasibility and efficacy of defatted human milk in the treatment for chylothorax after cardiac surgery in infants	Pediatric Cardiology
Froh, EB	2015a	Making meaning of pumping for mothers of infants with congenital diaphragmatic hernia	Journal of Obstetric, Gynecologic, and Neonatal nursing
Froh, EB	2015b	The use of technologies to support human milk & breastfeeding	Journal of Pediatric Nursing
Froh, EB	2017	Mothers of infants with congenital diaphragmatic hernia describe "breastfeeding" in the neonatal intensive care unit: "As long as it's my milk, I'm happy"	Journal of Human Lactation
Fugate, K	2015	Improving human milk and breastfeeding practices in the NICU	Journal of Obstetric, Gynecologic, and Neonatal Nursing
Furlong-Dillard, JM	2018	Evaluating the impact of a feeding protocol in neonates before and after biventricular cardiac surgery	Pediatric Quality & Safety
Furlong-Dillard, JM	2019	The association between feeding protocol compliance and weight gain following high-risk neonatal cardiac surgery	Cardiology in the Young
Gakenheimer-Smith, L	2019	The Impact of neurobehavior on feeding outcomes in neonates with congenital heart disease	The Journal of Pediatrics
Golbus, JR	2011	Feeding complications in hypoplastic left heart syndrome after the Norwood procedure: A systematic review of the literature	Pediatric Cardiology
Gongwer, RC	2018	Impact of a standardized clinical assessment and management plan (SCAMP) on growth in infants with CHD	Cardiology in the Young
Gregory, C	2018	Use of test weights for breastfeeding infants with congenital heart disease in a cardiac transitional care unit: A best practice implementation project	JBI Database of Systematic Reviews and Implementation Reports
Hartman, DM	2012	Transition to home after neonatal surgery for congenital heart disease	The American Journal of Maternal Child Nursing
Hehir, DA	2016	Noncardiac challenges in the cardiac ICU: Feeding, growth and gastrointestinal complications, anticoagulation, and analgesia	Congenital Heart Surgery
Hehir, DA	2012	Normal interstage growth after the Norwood operation associated with interstage home monitoring	Pediatric Cardiology
Hill, GD	2014	Effect of feeding modality on interstage growth after stage I palliation: A report from the National Pediatric Cardiology Quality Improvement Collaborative	The Journal of Thoracic and Cardiovascular Surgery
Hoch, JM	2019	Feeding methods for infants with single ventricle physiology are associated with length of stay during stage 2 surgery hospitalization	Congenital Heart Disease
Hong, BJ	2014	Impact of postoperative nutrition on weight gain in infants with hypoplastic left heart syndrome	The Journal of Thoracic and Cardiovascular Surgery
Howley, LW	2012	Enteral feeding in neonates with prostaglandin-dependent congenital cardiac disease: International survey on current trends and variations in practice	Cardiology in the Young
Hurtekant, KM	2007	Special considerations for breastfeeding the infant with spina bifida	The Journal of Perinatal & Neonatal Nursing
Iannucci, GJ	2013	Necrotising enterocolitis in infants with congenital heart disease: The role of enteral feeds	Cardiology in the Young
Indramohan, G	2017	Identification of risk factors for poor feeding in infants with congenital heart disease and a novel approach to improve oral feeding	Journal of Pediatric Nursing
Irving SY	2013	Resting energy expenditure at 3 months of age following neonatal surgery for congenital heart disease	Congenital Heart Disease
Jadcherla, SR	2009	Feeding abilities in neonates with congenital heart disease: A retrospective study	Journal of Perinatology
Kalra, R	2018	Feasibility of initiating early enteral nutrition after congenital heart surgery in neonates and infants	Clinical Nutrition ESPEN
Karpen, HE	2016	Nutrition in the cardiac newborns: Evidence-based nutrition guidelines for cardiac newborns	Clinics in Perinatology
Kataria-Hale, J	2019	Preoperative feeds in ductal-dependent cardiac disease: A systematic review and meta-analysis	Hospital Pediatrics
Kelleher, DK	2006	Growth and correlates of nutritional status among infants with hypoplastic left heart syndrome (HLHS) after stage 1 Norwood procedure	Nutrition

<b>First author</b>	<b>Year</b>	<b>Title</b>	<b>Journal</b>
Kocel, SL	2016	Fat-modified breast milk resolves chylous pleural effusion in infants with postsurgical chylothorax but is associated with low growth	Journal of Parenteral and Enteral Nutrition
Kogon, BE	2007	Feeding difficulty in newborns following congenital heart surgery	Congenital Heart Disease
Lambert, DK	2007	Necrotizing enterocolitis in term neonates: Data from a multihospital health-care system	Journal of Perinatology
Lambert, JM	1998	Breastfeeding the infant/child with a cardiac defect: An informal survey	Journal of Human Lactation
Lambert, LM	2014	Variation in feeding practices following the Norwood procedure	The Journal of Pediatrics
Mangili, G	2018	Feeding dysfunctions and failure to thrive in neonates with congenital heart diseases	La Pediatria Medica e Chirurgica: Medical and Surgical Pediatrics
Manuri, L	2017	Early hybrid approach and enteral feeding algorithm could reduce the incidence of necrotising enterocolitis in neonates with ductus-dependent systemic circulation	Cardiology in the Young
Marinelli, KA	2001	A comparison of the safety of cupfeedings and bottlefeedings in premature infants whose mothers intend to breastfeed	Journal of Perinatology
Marino, BL	1995	Oxygen saturations during breast and bottle feedings in infants with congenital heart disease	Journal of Pediatric Nursing
Marino, LV	2018	The development of a consensus-based nutritional pathway for infants with CHD before surgery using a modified Delphi process	Cardiology in the Young
Martino, K	2015	Postdischarge breastfeeding outcomes of infants with complex anomalies that require surgery	Journal of Obstetric, Gynecologic, and Neonatal Nursing
McCrary, A	2013	Patient and practice factors affecting growth of infants with systemic-to-pulmonary shunt	Cardiology in the Young
McKean, EB	2017	Feeding difficulties in neonates following cardiac surgery: Determinants of prolonged feeding-tube use	Cardiology in the Young
Medoff-Cooper, B	2009	Innovative strategies for feeding and nutrition in infants with congenitally malformed hearts	Cardiology in the Young
Medoff-Cooper, B	2010	Feeding, growth, and nutrition in children with congenitally malformed hearts	Cardiology in the Young
Medoff-Cooper, B	2011	Weight change in infants with a functionally univentricular heart: From surgical intervention to hospital discharge	Cardiology in the Young
Medoff-Cooper, B	2013	Nutrition and growth in congenital heart disease: A challenge in children	Current Opinion in Cardiology
Mitting, R	2015	Nutritional status and clinical outcome in postterm neonates undergoing surgery for congenital heart disease	Pediatric Critical Care Medicine
Moreira, C	2017	Comparison of the finger-feeding versus cup feeding methods in the transition from gastric to oral feeding in preterm infants	Jornal de Pediatria
Natarajan, G	2010	Enteral feeding of neonates with congenital heart disease	Neonatology
Newcombe, J	2017	A post-operative feeding protocol to improve outcomes for neonates with critical congenital heart disease	Journal of Pediatric Nursing
Nicholson, GT	2013	Caloric intake during the perioperative period and growth failure in infants with congenital heart disease	Pediatric Cardiology
Nydegger, A	2006	Energy metabolism in infants with congenital heart disease	Nutrition
Owens, B	2002	Breastfeeding an infant after heart transplant surgery	Journal of Human Lactation
Owens, JL	2009	Nutrition support after neonatal cardiac surgery	Nutrition in Clinical Practice
Pados, BF	2017	Effects of milk flow on the physiological and behavioural responses to feeding in an infant with hypoplastic left heart syndrome	Cardiology in the Young
Penny, F	2018	Cup feeding as a supplemental, alternative feeding method for preterm breastfed infants: An integrative review	Maternal and Child Health Journal
Petit, CJ	2011	The impact of a dedicated single-ventricle home-monitoring program on interstage somatic growth, interstage attrition, and 1-year survival	The Journal of Thoracic and Cardiovascular Surgery
Pillo-Blocka, F	2004	Rapid advancement to more concentrated formula in infants after surgery for congenital heart disease reduces duration of hospital stay: A randomized clinical trial	The Journal of Pediatrics
Prodhan, P	2018	Gastrostomy tube placement among infants with hypoplastic left heart syndrome undergoing stage 1 palliation	Congenital Heart Disease

<b>First author</b>	<b>Year</b>	<b>Title</b>	<b>Journal</b>
Rendon-Macias, ME	2002	Breastfeeding among patients with congenital malformations	Archives of Medical Research
Rocha, NMN	2002	Cup or bottle for preterm infants: Effects on oxygen saturation, weight gain, and breastfeeding	Journal of Human Lactation
Rosti, L	2011	Postoperative nutrition of neonates undergoing heart surgery	La Pediatria Medica e Chirurgica: Medical and Surgical Pediatrics
Sables-Baus, S	2012	Oral feeding outcomes in neonates with congenital cardiac disease undergoing cardiac surgery	Cardiology in the Young
Sahu, MK	2016	Early enteral nutrition therapy in congenital cardiac repair postoperatively: A randomized, controlled pilot study	Annals of Cardiac Anaesthesia
Scahill, CJ	2017	Preoperative feeding neonates with cardiac disease	World Journal for Pediatric & Congenital Heart Surgery
Schwalbe-Terilli, CR	2009	Enteral feeding and caloric intake in neonates after cardiac surgery	American Journal of Critical Care: An Official Publication, American Association of Critical-Care Nurses
Simsic, JM	2017	Reducing variation in feeding newborns with congenital heart disease	Congenital Heart Disease
Slicker, J	2013	Nutrition algorithms for infants with hypoplastic left heart syndrome; birth through the first interstage period	Congenital Heart Disease
Slicker, J	2016	Perioperative feeding approaches in single ventricle infants: A survey of 46 centers	Congenital Heart Disease
Souza, PC	2018	Findings of postoperative clinical assessment of swallowing in infants with congenital heart defect	Achados da Avaliação Clínica da Deglutição em Lactentes Cardiopatas Pós-Cirúrgicos
Spatz, DL	2004	Ten steps for promoting and protecting breastfeeding for vulnerable infants	The Journal of Perinatal & Neonatal Nursing
Spatz, DL	2006	State of the science: Use of human milk and breast-feeding for vulnerable infants	The Journal of Perinatal & Neonatal Nursing
Spatz, DL	2012	Innovations in the provision of human milk and breastfeeding for infants requiring intensive care	Journal of Obstetric, Gynecologic, and Neonatal Nursing
Spatz, DL	2015	Pump early, pump often: A continuous quality improvement project	The Journal of Perinatal Education
Spatz, DL	2018a	Beyond BFHI: The Spatz 10-step and breastfeeding resource nurse model to improve human milk and breastfeeding outcomes	The Journal of Perinatal & Neonatal Nursing
Spatz, DL	2018b	Helping mothers reach personal breastfeeding goals	The Nursing Clinics of North America
Spence, K	2011	Infant well-being following neonatal cardiac surgery	Journal of Clinical Nursing
Spillane, N	2016	Comparison of feeding strategies for infants with hypoplastic left heart syndrome: A randomized controlled trial	World Journal for Pediatric & Congenital Heart Surgery
St Pierre, A	2010	Content validation of the infant malnutrition and feeding checklist for congenital heart disease: A tool to identify risk of malnutrition and feeding difficulties in infants with congenital heart disease	Journal of Pediatric Nursing
Steltzer, MM	2005	Nutrition care for newborns with congenital heart disease	Clinics in Perinatology
Steltzer, MM	2016	Creating opportunities for optimal nutritional experiences for infants with complex congenital heart disease	Journal of Pediatric Health Care
Tandberg, BS	2010	Feeding infants with CHD with breast milk: Norwegian mother and child cohort study	Acta Paediatrica
Toms, R	2015	Preoperative trophic feeds in neonates with hypoplastic left heart syndrome	Congenital Heart Disease
Toole, BJ	2014	Perioperative nutritional support and malnutrition in infants and children with congenital heart disease	Congenital Heart Disease
Torowicz, DL	2015	Human milk and breastfeeding outcomes in infants with congenital heart disease	Breastfeeding Medicine
Trabulsi, JC	2015	Total energy expenditure of infants with congenital heart disease who have undergone surgical intervention	Pediatric Cardiology
Tregay, J	2017	"I was so worried about every drop of milk" - feeding problems at home are a significant concern for parents after major heart surgery in infancy	Maternal & Child Nutrition

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Tume, LN	2018	Enteral feeding practices in infants with congenital heart disease across European PICUs: A European Society of Pediatric and Neonatal Intensive Care survey	Pediatric Critical Care Medicine
Uzark, K	2012	Interstage feeding and weight gain in infants following the Norwood operation: Can we change the outcome?	Cardiology in the Young
Wallis, M	2007	Supporting breastfeeding mothers in hospital: Part 2b	Paediatric Nursing
Williams, RV	2011	Factors affecting growth in infants with single ventricle physiology: A report from the Pediatric Heart Network Infant Single Ventricle Trial	The Journal of Pediatrics
Willis, L	2008	Enteral feeding in prostaglandin-dependent neonates: Is it a safe practice?	The Journal of Pediatrics
Wolovits, JS	2012	Feeding and nutritional challenges in infants with single ventricle physiology	Current Opinion in Pediatrics
Zyblewski, SC	2015	Randomized clinical trial of preoperative feeding to evaluate intestinal barrier function in neonates requiring cardiac surgery	The Journal of Pediatrics

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