

Management of Short Gut Syndrome

Andorsky DJ, Lund DP, Lillehei CW, Jaksic T, Dicanzio J, Richardson DS, Collier SB, Lo C, Duggan C. Nutritional and other postoperative management of neonates with short bowel syndrome correlates with clinical outcomes. *J Pediatr*. 2001 Jul;139(1):27-33. PubMed PMID: 11445790.

Ardura MI, Lewis J, Tansmore JL, Harp PL, Dienhart MC, Balint JP. Central catheter-associated bloodstream infection reduction with ethanol lock prophylaxis in pediatric intestinal failure: broadening quality improvement initiatives from hospital to home. *JAMA Pediatr*. 2015 Apr;169(4):324-31. doi: 10.1001/jamapediatrics.2014.3291. PubMed PMID: 25642912.

Barnes JL, Hartmann B, Holst JJ, Tappenden KA. Intestinal adaptation is stimulated by partial enteral nutrition supplemented with the prebiotic short-chain fructooligosaccharide in a neonatal intestinal failure piglet model. *JPEN J Parenter Enteral Nutr*. 2012 Sep;36(5):524-37. doi: 10.1177/0148607112444131. Epub 2012 Apr 19. PubMed PMID: 22517051.

Boluda ER. Pediatric small bowel transplantation. *Curr Opin Organ Transplant*. 2015 Oct;20(5):550-6. doi: 10.1097/MOT.0000000000000231. Review. PubMed PMID: 26262456.

Bower TR, Pringle KC, Soper RT. Sodium deficit causing decreased weight gain and metabolic acidosis in infants with ileostomy. *J Pediatr Surg*. 1988 Jun;23(6):567-72. PubMed PMID: 2843619.

Butterworth SA, Lalari V, Dheensaw K. Evaluation of sodium deficit in infants undergoing intestinal surgery. *J Pediatr Surg*. 2014 May;49(5):736-40. doi: 10.1016/j.jpedsurg.2014.02.057. Epub 2014 Feb 22. PubMed PMID: 24851759.

Cober MP, Killu G, Brattain A, Welch KB, Kunisaki SM, Teitelbaum DH. Intravenous fat emulsions reduction for patients with parenteral nutrition-associated liver disease. *J Pediatr*. 2012 Mar;160(3):421-7. doi: 10.1016/j.jpeds.2011.08.047. Epub 2011 Oct 6. PubMed PMID: 21982303.

Cole CR, Kocoshis SA. Nutrition management of infants with surgical short bowel syndrome and intestinal failure. *Nutr Clin Pract*. 2013 Aug;28(4):421-8. doi: 10.1177/0884533613491787. Epub 2013 Jun 12. Review. PubMed PMID: 23761561.

Khan FA, Squires RH, Litman HJ, Balint J, Carter BA, Fisher JG, Horslen SP, Jaksic T, Kocoshis S, Martinez JA, Mercer D, Rhee S, Rudolph JA, Soden J, Sudan D, Superina RA, Teitelbaum DH, Venick R, Wales PW, Duggan C; Pediatric Intestinal Failure Consortium. Predictors of Enteral Autonomy in Children with Intestinal Failure: A Multicenter Cohort Study. *J Pediatr*. 2015 Jul;167(1):29-34.e1. doi: 10.1016/j.jpeds.2015.03.040. Epub 2015 Apr 25. PubMed PMID: 25917765; PubMed Central PMCID: PMC4485931.

Khan FA, Fisher JG, Bairdain S, Sparks EA, Zurakowski D, Modi BP, Duggan C, Jaksic T. Metabolic bone disease in pediatric intestinal failure patients: prevalence and risk factors. *J Pediatr Surg*. 2015 Jan;50(1):136-9. doi: 10.1016/j.jpedsurg.2014.10.010. Epub 2014 Oct 17. PubMed PMID: 25598110; PubMed Central PMCID: PMC4620573.

Mazariegos GV, Steffick DE, Horslen S, Farmer D, Fryer J, Grant D, Langnas A, Magee JC. Intestine transplantation in the United States, 1999-2008. *Am J Transplant*. 2010 Apr;10(4 Pt 2):1020-34. doi: 10.1111/j.1600-6143.2010.03044.x. PubMed PMID: 20420650.

Mercer DF, Hobson BD, Gerhardt BK, Grant WJ, Vargas LM, Langnas AN, Quiros-Tejeira RE. Serial transverse enteroplasty allows children with short bowel to wean from parenteral nutrition. *J Pediatr*. 2014 Jan;164(1):93-8. doi: 10.1016/j.jpeds.2013.08.039. Epub 2013 Oct 1. PubMed PMID: 24094877.

Muller MJ et al., Necrotizing enterocolitis in premature newborns, *J. of Neonatal and Perinatal Medicine*; 9 (2016) 233–242 doi: 10.3233/NPM-16915130 PMID: 27589549

Puder M, Valim C, Meisel JA, Le HD, de Meijer VE, Robinson EM, Zhou J, Duggan C, Gura KM. Parenteral fish oil improves outcomes in patients with parenteral nutrition-associated liver injury. *Ann Surg*. 2009 Sep;250(3):395-402. doi:10.1097/SLA.0b013e3181b36657. PubMed PMID: 19661785; PubMed Central PMCID:PMC3366279.

Ramos-Gonzalez G, Kim HB. Autologous intestinal reconstruction surgery. *Semin Pediatr Surg*. 2018 Aug;27(4):261-266. doi: 10.1053/j.sempedsurg.2018.08.001. Epub 2018 Sep 8. Review. PubMed PMID: 30342601.

Sparks EA, Khan FA, Fisher JG, Fullerton BS, Hall A, Raphael BP, Duggan C, Modi BP, Jaksic T. Necrotizing enterocolitis is associated with earlier achievement of enteral autonomy in children with short bowel syndrome. *J Pediatr Surg*. 2016 Jan;51(1):92-5. doi: 10.1016/j.jpedsurg.2015.10.023. Epub 2015 Oct 23. PubMed PMID: 26700691; PubMed Central PMCID: PMC4878438.

Wales et ., Short bowel syndrome: epidemiology and etiology, *Seminars in Pediatric Surgery*, 2010 PMID: 20123268 DOI: 10.1053/j.sempedsurg.2009.11.001

Yang Q, Ayers K, Chen Y, Helderman J, Welch CD, O'Shea TM. Early enteral fat supplement and fish oil increases fat absorption in the premature infant with an enterostomy. *J Pediatr*. 2013 Aug;163(2):429-34. doi: 10.1016/j.jpeds.2013.01.056. Epub 2013 Feb 28. PubMed PMID: 23453547.

Yang J, Zhao J, Du S, Liu D, Fu C, Li X, Chen S, Tang C, Du J, Jin H. Postural orthostatic tachycardia syndrome with increased erythrocytic hydrogen sulfide and response to midodrine hydrochloride. *J Pediatr*. 2013 Oct;163(4):1169-73.e2. doi: 10.1016/j.jpeds.2013.04.039. Epub 2013 May 30. PubMed PMID: 23726544.

Yang Q, Ayers K, Chen Y, O'Shea TM. Early enteral fat supplementation improves protein absorption in premature infants with an enterostomy. *Neonatology*. 2014;106(1):10-6. doi: 10.1159/000357554. Epub 2014 Mar 6. PubMed PMID: 24603562.