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REFERENCES

1. Biggs WS, Dery WH. Evaluation and treatment of constipation in infants and children. Am Fam Physician 2006; 73(3):469-77.
2. Abi-Hana A, Balake AM. Constipation and encopresis in childhood. Pediatr Rev 1998; 19: 23-30.
3. Loening-Baucke V. Chronic constipation in children. Gastroenterology 1993; 105: 1557-64.

4. Baker SS, Liptak GS, Colletti RB, Croffie JM, Di Lorenzo C, Ector W, et al. Constipation in infants and children: evaluation and treatment. *J Pediatr Gastroenterol Nutr* 1999; 29(5): 612-26.
5. Felt B, Brown P, Coran A. Functional constipation and soiling in children. University of Michigan Health System guideline for clinical care 2003. Accessed online Feb 2, 2005 at: <http://cme.med.umich.edu/pdf/guideline/peds03.pdf>.
6. Rockney RM, McQuade WH, Days AL. The plain roentgenogram in management of encopresis. *Arch Pediatr Adolesc Med* 1995; 149: 623-7.
7. Grosfeld Jay L, O'nill JA, Coran A: Text book of pediatric surgery, 6th ed. Mosby Elsevier, Philadelphia. 2006; PP: 1592-3.
8. Loening-Baucke V, Miele E, Staiano A. Fiber (glucomannan) is beneficial in the treatment of childhood constipation. *Pediatrics* 2004; 113(3pt 1): 259-64.
9. Gremse DA, Hixony J, Crutchfeild A. Comparison of polyethylene glycol 3350 and lactulose for treatment of chronic constipation in children. *N Eng J Med* 1998; 379: 1100-4.
10. Loening-Baucke V. Biofeedback training in children with functional constipation; A critical review. *Dig Dis Sci* 1996; 41: 65-71.
11. Mishalany H. Seven year's experience with idiopathic unremitting chronic constipation. *J Pediatr Surg* 1998; 24(4): 360-2.
12. Loening-Baucke V. Encopresis. *Curr Opin Pediatr* 2002; 14(5): 570-5.
13. Voskuijl WP, Heijmans J, Heijmans HS, Taminiau JA, Benninga MA. Use of Rome II criteria in childhood defecation disorders: Applicability in clinical and research practice. *J Pediatr* 2004; 145(2): 213-7.
14. Rosen R, Buonomo C, Nurko S. Incidence of spinal cord lesions in patients with intractable constipation. *J Pediatr* 2004; 145: 409.
15. Puri P. Variant Hirschsprung's disease. *J Pediatr Surg* 1997; 32(2): 149-57.
16. van Ginkel R, Büller HA, Boeckxstaens GE, van Der Plas RN, Taminiau JA, Benninga MA. The effect of anorectal manometry on the outcome of treatment in severe childhood constipation: a randomized, controlled trial. *Pediatrics* 2001; 108(1); E9.
17. Clayden G, Agnarsson U. Constipation in childhood. Oxford University press: Oxford. 1991; P: 44-56.
18. Croffie JM, Ammar MS, Pfefferkorn MD, Horn D, Klipsch A, Fitzgerald JF, et al. Assessment of the effectiveness of biofeedback in children with dyssynergic defecation and recalcitrant constipation encopresis: *Clin Pediatr (Phila)* 2005; 44(1): 63-71.
19. Bell E, Wall G. Pediatric constipation therapy using guidelines and polyethylene glycol 3350. *Ann Pharmacother* 2004; 38: 686-93.
20. Keshtgar AS, Ward HC. Role of anal dilation in treatment of idiopathic constipation in children long-term follow up of a double-blind randomized controlled study. *J Pediatr Surg Inter* 2005; 21(2): 100-5.

21. Youssef NN, Pensabene L, Barksdale E Jr, Di Lorenzo C. Is there a role for surgery beyond colonic aganglionosis and anorectal malformations in children with intractable constipation? *J Pediatr Surg* 2004; 39: 73.
22. Lee SL, DuBois JJ, Montes-Garces RG, Inglis K, Biediger W. Surgical management of chronic unremitting constipation and fecal incontinence associated with megarectum: A preliminary report. *J Pediatr Surg* 2002; 37(1): 76-9.
23. Sunić-Omejc M, Mihanović M, Bilić A, Jurčić D, Restek-Petrović B, Marić N, et al. Efficiency of biofeedback therapy for chronic constipation in children. *Coll Antropol* 2002; 26 suppl: 93-101.
24. Woodward MN, Foley P, Eusick EL. Colostomy for treatment of functional constipation in children: A preliminary report. *J Pediatr Gastroenterol Nutr* 2004; 38: 75-8.
25. Kimura K, Soper RT. Posterior sagittal rectal myectomy for persistent rectal achalasia after the Soave procedure for Hirschprung's disease. *J Pediatr Surg* 1993; 28: 1200-01.
26. Bourdelat D, Pages R, Alcheikh G, Poirat JB, Ripault J, Gross P. Ano-rectal sphincter myectomy in children. Indications and results. *Chir Pediatr* 1990; 31(6): 295-8.
27. Krivchenia Dlu, Iurchenko NI, Almashiř GG, Mun VA, Soroka VP. Rectal myectomy in the treatment of chronic constipation in children. *Klin Khir* 1990; (6): 24-6.
28. Hata Y, Shinada Y, Sasaki F, Kameda H, Saji Y, Nishikawa M, et al. Surgical treatment of chronic constipation with megarectum in children. *Nippon Geka gakkai zasshi* 1986; 87(5): 531-5.
29. Yoshioka K, Keighley MR. Anorectal myectomy for outlet obstruction. *Br J Surg* 1987; 74(5): 373-6.