WILLIAM E WHITEHEAD, PH.D.

Curriculum Vitae
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PERSONAL INFORMATION

Office Address University of North Carolina at Chapel Hill
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EDUCATION

Ph.D., University of Chicago, 1973, Clinical Psychology
B.A., Arizona State University, 1967, English Literature

CERTIFICATION / LICENSURE

North Carolina License # 1959
Maryland Psychology License # 01540 (currently inactive)

PROFESSIONAL SOCITIES

Fellow, American Gastroenterological Association
Master, American College of Gastroenterology
Executive Board, Rome Foundation, 1996-present

EMPLOYMENT HISTORY

1993-present Professor of Medicine, The University of North Carolina at Chapel Hill. Chief of Division of Digestive Diseases, Robert Sandler, MD. MPH; Chief of Medicine, Marschall S. Runge, MD, PhD

2006-present Adjunct Professor of Obstetrics and Gynecology. Chair of OBGYN, Daniel Clarke-Pearson, MD; Chief of Urogynecology and Reconstructive Surger, Catherine Matthews, MD.

1994-present Co-founder and director of the UNC Center for Functional Gastrointestinal and Motility Disorders.

2008-present Member, Regional Center for Neurosensory Disorders, University of North Carolina at Chapel Hill. The RCNSD is directed by William Maixner, DO

1990-93 Professor of Medical Psychology, Departments of Psychiatry and Medicine, The Johns Hopkins University School of Medicine. Chairman of Psychiatry, Paul

McHugh, MD; Research laboratory in Division of Digestive Diseases at Bayview Medical Center; Chief, Marvin M. Schuster, MD.

1982-90 Associate Professor of Medical Psychology, Department of Psychiatry, The Johns Hopkins University School of Medicine. Chairman, Paul McHugh, MD. Research laboratory in Division of Digestive Diseases at Bayview Medical Center; Chief, Marvin M. Schuster, MD.

1979-82 Assistant Professor of Medical Psychology, Department of Psychiatry, The Johns Hopkins University School of Medicine. Chairman, Paul McHugh, MD. Research laboratory in Division of Digestive Diseases at Bayview Medical Center; Chief, Marvin M. Schuster, MD.

1979-88 Research Associate, Department of Behavioral Psychology, The John F. Kennedy Institute for Handicapped Children. Chief, Michael Cataldo, PhD.

1977-93 Guest Worker, Gerontology Research Center, National Institute on Aging, Baltimore. Laboratory Chief, Bernard Engel, PhD.

1977-79 Associate Professor of Psychology, Departments of Psychiatry and Physical Medicine and Rehabilitation, University of Cincinnati College of Medicine. Chairman of Psychiatry, Donald Langsley, MD.; chief of PM&R, Randall Braddom, MD.

1976-77 Assistant Professor of Psychology, Department of Physical Medicine and Rehabilitation (25% FTE), University of Cincinnati College of Medicine,. Chief, Randall Braddom, MD

1973-77 Assistant Professor of Psychology, Department of Psychiatry, University of Cincinnati College of Medicine. 75% FTE from 1976. Chairman, Robert Daniels, MD., 1973-76; followed by Donald Langsley, MD., 1976-77.

1970-73 Graduate student, University of Chicago. Training in behavior modification for clinical practice and work on dissertation under Professor Israel Goldiamond, PhD.

1968-70 Research assistant, University of Chicago. Research on physiology and response characteristics of sleep. Supervisor, Professor Allen Rechtschaffen, PhD.

1967-68 Graduate student, University of Chicago. Mentored research on the physiology of sleep supervised by Professor James Appel, PhD, and Allen Rechtschaffen, PhD; and research on gastric acid secretion mentored byIsrael Goldiamond, PhD, and Pierre Renault, MD.

AWARDS

2003 International Foundation for Functional Gastrointestinal Disorders 1st Annual Award for Research Excellence awarded to a senior clinical investigator.

2004 Janssen Award for Clinical Research.

1999	Functional Brain-Gut Research Group 2nd Annual Research Scientist Award for Clinical Research
2011 - present	Master, American College of Gastroenterology.
2006 - 2011	Fellow, American College of Gastroenterology.
2006 - present	Fellow of the American Gastroenterological Association.

BOOKS, BOOK CHAPTERS, FILM

1. Chiarioni G, Whitehead WE. Biofeedback therapy for constipation. In: Parkman H, Rao SSC (Eds): Handbook of Gastrointestinal Motility Disorders, 2011. SLACK Inc, Thorofare, NJ, Chapter 19, pgs 179-87.

2. Drossman DA, Whitehead WE. Mind-body medicine in digestive disease. Integrative Gastroenteroogy. New York, NY: Oxford University Press, Inc. 00 337-348, 2011.

3. Whitehead WE. Constipation. Contribution to Pocket Diagnosis in Internal Medicine. Mark C. Mitchell, M.D., Editor, 2009.

4. Norton C, Whitehead W, Bliss DZ, Harari D, Lang J. Conservative and pharmacological management of faecal incontinence in adults. In: Abrams P, Cardozo L, Khoury S, Wein A (Eds): Incontinence: 4th International Consultation on Incontinence, Paris July 5-8, 2008. (4th Edition). Health Publication Ltd, Paris, 2009. Chapter 16, pgs 1321-86.

5. Whitehead WE, Thompson WG, Palsson OS, Thiwan S, Talley N, Chey W, Irvine EJ, Drossman DA, Walker L. Development and validation of the Rome III Diagnostic Questionnaire (Chapter 16). In: Drossman DA, Corazziari, Delvaux M, Spiller R, Talley NJ, Thompson WG, and Whitehead WE (Eds), Rome III: The Functional Gastrointestinal Disorders. Degnon Associates, McLean, Virginia, 2006. Pp 835-853.

6. Irvine EJ, Whitehead W, Chey WD, Matsueda K, Shaw M, Talley NJ, Van Zanten SJOV. Design of treatment trials for functional gastrointestinal disorders (Chapter 15). In: Drossman DA, Corazziari, Delvaux M, Spiller R, Talley NJ, Thompson WG, and Whitehead WE (Eds), Rome III: The Functional Gastrointestinal Disorders. Degnon Associates, McLean, Virginia, 2006.

7. Drossman DA, Corazziari, Delvaux M, Spiller R, Talley NJ, Thompson WG, Whitehead WE (Eds), Rome III: The Functional Gastrointestinal Disorders. Degnon Associates, McLean, Virginia, 2006.

8. Whitehead WE. Medical and behavioral treatment of fecal incontinence. In: Becker H-D, Stenzl A, Wallwiener D, Zittel TT (Eds), Urinary and Fecal Incontinence: An Interdisciplinary Approach. Berlin, Springer-Verlag, 2005. Pp 199-210.

9. Whitehead WE. Gastrointestinal motility and visceral pain in the functional gastrointestinal disorders. In: WA Wang (Ed), Functional Gastrointestinal Disorders. London, DC Decker, 2005.

10. Norton C, Whitehead WE, Bliss DZ, Metsola P, Tries J. Chapter 24: Conservative and pharmacological management of faecal incontinence in adults. In Abrams P, Cardozo L, Khoury S, Wein A (Eds), Incontinence, volume 2, Management. 3rd International

Consultation on Incontinence June 26-29, 2004. Health Publications Ltd, Editions 21, Paris, 2005. Pp 1521-1563.

11. Whitehead WE. Fecal incontinence. In: Johnson LR (Ed), Encyclopedia of Gastroenterology; St Louis, MO, Elsevier, 2003.

12. Jones KR, Heymen S, Whitehead WE. Biofeedback for Anorectal Disorders. In: Drutz HP, Herschorn S, Diamant NE (Eds), Female Pelvic Medicine and Reconstructive Pelvic Surgery. London, Springer-Verlag, 2003. Pp 313-325.

13. Whitehead WE, Wald A, Diamant NE, Enck P, Pemberton JH, Rao SSC. Functional disorders of the anus and rectum. In: Drossman DA, Corazziari E, Talley NJ, Thompson WG, Whitehead WE (Eds), Rome II: The Functional Gastrointestinal Disorders, 2nd Edition. McLean, VA, Degnon Associates, 2000. Pp 483-532.

14. Whitehead WE, Corazziari E, Prizont R, Senior JR, Thompson WG, van Zanten SJOV. Definition of a responder in clinical trials for functional gastrointestinal disorders: Report on a symposium. In: Drossman DA, Corazziari E, Talley NJ, Thompson WG, Whitehead WE (Eds), Rome II: The Functional Gastrointestinal Disorders, 2nd Edition. McLean, VA, Degnon Associates, 2000. Pp 623-627.

15. Drossman DA, Creed FH, Olden KW, Svedlund J, Toner BB, Whitehead WE. Psychosocial aspects of functional gastrointesinal disorders. In: Drossman DA, Corazziari E, Talley NJ, Thompson WG, Whitehead WE (Eds), Rome II: The Functional Gastrointestinal Disorders, 2nd Edition. McLean, VA, Degnon Associates, 2000. Pp 157-245.

16. Drossman DA, Corazziari E, Talley NJ, Thompson WG, Whitehead WE (Eds), Rome II: The Functional Gastrointestinal Disorders, 2nd Edition. McLean, VA, Degnon Associates, 2000.

17. Whitehead WE. Alterations of defecatory behavior attributable to psychosocial and environmental mechanisms. In: Corazziari E (Ed), Approach to the patient with chronic gastrointestinal disorders. Messaggi, Milano, Italy, 1999. Pp 81-93.

18. Whitehead WE. Irritable bowel syndrome and functional bowel disorders. A.E. Kazdin (Ed), Encyclopedia of Psychology, APA Books, American Psychological Association, Washington, D.C., 1999.

19. Whitehead WE. Is a history of abuse linked to the etiology and course of functional dyspepsia and irritable bowel syndrome? No. In: Holtmann G, Goeball H. (Eds.), Functional dyspepsia and irritable bowel syndrome: New concepts and controversies. Falk Symposium No. 99, 1998, pp190-197.

20. Whitehead WE. Gastrointestinal physiology. In Blechman EA, & Brownell KD (Eds), Behavioral Medicine & Women: A Comprehensive Handbook. New York, Guilford, 1998. Pp. 639-645.

21. Whitehead WE. Gastrointestinal disorders. In Blechman EA, Brownell KD (Eds), Behavioral Medicine & Women: A Comprehensive Handbook. New York, Guilford, 1998. Pp. 646-653.

22. Whitehead WE. Psychosocial aspects of functional GI disorders. In P. Denis (Ed), Clinical implications of Irritable Bowel Syndrome. Berlin, Walter de Gruyter, 1997. Pp. 3-16.

23. Whitehead WE. Gastrointestinal disorders (Chapter 23). In JF Steege, DA Metzger, & B Levy (Eds), Chronic Pelvic Pain. Philadelphia, W.B. Saunders, 1997. Pp. 205-214.

24. Whitehead WE. Functional anorectal disorders (Chapter 4, annotated slide set). In DA Drossman and N Norton (Eds), IBS Initiative Slide Program. Milwaukee, International Foundation for Functional Gastrointestinal Disorders, 1997.

25. Whitehead WE. Functional bowel disorders: are they independent diagnoses? In E Corazziari (Ed), Neurogastroenterology. New York, Walter de Gruyter, 1996. Pp 65-74.

26. Davidoff AL, Whitehead WE. Biofeedback, relaxation training, and cognitive behavior modification treatments for functional gastrointestinal disorders. In: KW Olden (Ed). Handbook of functional gastrointestinal disorders: A behavioral approach. New York: Marcel Dekker, Inc., 1996. Pp 361-384.

27. Whitehead WE. Stress management in patients with functional disorders. In : TM Bayless (Ed). Current therapy in gastroenterology and liver disease, fourth edition. St. Louis: Mosby, 1994. Pp 209-13.

28. Whitehead WE. Illness behaviour (psychological factors in constipation). In: Kamm MA, Lennard-Jones JE (Eds), Constipation. Petersfield, UK: Wrightson Biomedical Publishing Ltd, 1994. Pp 95-100.

29. Whitehead WE, Devroede G, Habib I, Meunier P, Wald A. Functional disordes of the anus and rectum. In: Drossman DA, Richter JE, Talley NJ, Thompson WG, Corazziari, Whitehead WE (Eds), The functional gastrointestinal disorders. Boston: Little Brown, 1994. Pp. 217-263.

30. Drossman DA, Richter JE, Talley NJ, Thompson WG, Corazziari E, Whitehead WE (Eds). The functional gastrointestinal disorders. Boston, Little Brown, 1994. 370 pages.

31. Crowell MD & Whitehead WE. Advances in gastrointestinal psychophysiology: Prolonged ambulatory monitoring from the gastrointestinal tract. In Jennings J, Ackles P, Coles M (Eds), Advances in psychophysiology (Vol 5) JAI Pess, Inc. Greenwich, Connecticut, 1994. Pp. 193-227.

32. Whitehead WE. Psychophysiology of irritable bowel syndrome. In EA Mayer & H Raybould (Eds.), Basic and clinical aspects of chronic abdominal pain, Vol 9 of Pain research and clinical management. Amsterdam, Elsevier Science Publishers, 1993. Pp 239-47.

33. Whitehead WE. Gut feelings: Stress and the GI tract. In Goleman D & Gurin J (Eds), Mind/Body Medicine: How to use your mind for better health. Yonkers, NY, Consumer Union of United States, 1993. Pp. 161-175.

34. Whitehead WE, Thompson WG. Motility as a therapeutic modality: Biofeedback. In MM Schuster (Ed), Atlas of gastrointestinal motility in health and disease. In Baltimore, Williams & Wilkins, 1993. Pp 300-316.

35. Whitehead WE & Schuster MM. Irritable bowel syndrome. In Winawer SJ (Ed), Management of gastrointestinal diseases, Vol.2. New York, Gower Medical Publishing, 1992. Pp. 32.1-32.25.

36. Whitehead WE. Effects of psychological factors on gastrointestinal function. In: Snape W (Ed.), Pathogenesis of Functional Bowel Disease, New York, Plenum Press, 1989. Pp 37-54.

37. Whitehead WE, Enck P, Anthony JC, Schuster MM. Psychopathology in patients with irritable bowel syndrome. In Singer MV, Goebell H (Eds.), Nerves and the Gastrointestinal Tract, New York, Academic Press, 1989. Pp 465-476.

38. Whitehead WE. Perception of gastrointestinal events. In Hellhamer D, Florin I, & Weiner H (Eds.), Neurological Approaches to Human Disease. Toronto, Hans Huber, 1988. Pp 118-136.

39. Whitehead WE & Schuster MM. The irritable bowel, stress, and the colon. In Kirsner JB and Shorter RG (Eds.). Diseases of the Colon, Rectum, and Anal Canal. Baltimore, Williams and Wilkens, 1988. Pp 507-517.

40. Shabsin HS & Whitehead WE. Psychophysiological disorders of the gastrointestinal tract. In Linden W (Ed.), Biological Barriers in Behavioral Medicine. New York, Plenum, 1988. Pp 193-220.

41. Enck P & Whitehead WE. Gastrointestinal disorders. In: Blechman EA & Brownell KD (Eds.). Handbook of Behavioral Medicine for Women. New York, Pergamon Press, 1988. Pp 178-194.

42. Whitehead WE. Gastrointestinal motility disorders -- the psychologist's perspective. In: Champion MC and McCallum RW (Eds.), Physiology, Diagnosis and Therapy in GI Motility Disorders. Toronto, Medicine Publishing Foundation, 1987. Pp 109-122.

43. Whitehead WE. Behavioral medicine treatment of diabetic fecal incontinence. In: F Strian, R Holzl, & M Haslbeck (Eds.), Verhaltensmedizin und Diabetes Mellitus. Spring-Verlag, Berlin, 1987. Pp 429-440.

44. Whitehead WE & Schuster MM. Biofeedback in the treatment of gastrointestinal disorders. In: Hatch JP, Fisher JG, & Rugh JD (Eds.), Biofeedback Studies in Clinical Efficacy. Plenum Press, New York, 1987. Pp. 179-203.

45. Whitehead WE. Bowel management in children with spina bifida. In: McLaurin R & McLone DG (Eds.), Multi-disciplinary approach: Second Symposium on Spina Bifida. Praeger, New York, 1986.

46. Whitehead WE. Psychophysiology of irritable bowel syndrome. In: Katkin E. (Ed.), Advances in Behavioral Medicine, vol. 2. Greenwich, CT, JAI Press, 1986. Pp. 1-20.

47. Whitehead WE. Pediatric gastrointestinal disorders. In: Krasnegor NA & Cataldo MF (Eds.), Child Health Behavior: Research and Priorities in Behavioral Medicine. New York, John Wiley & Sons, Inc., 1986. Pp. 340-354.

48. Whitehead WE. Gastrointestinal disorders. In: Holroyd KA & Creer TL (Eds.), Self-management of Chronic Disease. New York, Academic Press, 1986. Pp. 503-539.

49. Whitehead WE & Schuster MM. Gastrointestinal Disorders: Behavioral and Physiological Basis for Treatment (book). New York, Academic Press, 1985.

50. Whitehead WE. Psychotherapy and biofeedback in the treatment of irritable bowel syndrome. In: Read N. (Ed.), The Irritable Bowel Syndrome. London, Grune & Stratton, 1984. Pp.245-256.

51. Whitehead WE, Burgio K, & Engel BT. Biofeedback training for fecal incontinence in geriatric patients. Videotape for professional training made by the Office of Public Information of the National Institute on Aging, 1984.

52. Whitehead WE, Burgio K, & Engel BT. Behavioral methods in the assessment and treatment of urinary incontinence. In: Brocklehurst JC (Ed.), Urology in Old Age. London, Churchhill Livingston, 1984. Pp 74-92.

53. Williams TF, Engel BT, Whitehead WE, & Burgio K. Behavioral treatment of urinary incontinence: Biofeedback of the bladder and sphincter muscles. Videotape for professional training made by the Office of Public Information of the National Institute on Aging, 1983.

54. Whitehead WE. Manometric and electromyographic techniques for assessment of the anorectal mechanism for continence and defecation. In: Hoelzl R, & Whitehead WE (Eds.), Psychophysiology of the Gastrointestinal Tract: Experimental and Clinical Applications. New York, Plenum, 1983. Pp 311-329.

55. Whitehead WE. Interoception: Awareness of sensations arising in the gastrointestinal tract. In: Hoelzl R, & Whitehead E (Eds.), Psychophysiology of the Gastrointestinal Tract: Experimental and Clinical Applications. New York, Plenum, 1983. Pp 333-350.

56. Hoelzl R & Whitehead WE (Eds.), Psychophysiology of the Gastrointestinal Tract: Experimental and Clinical Applications. New York, Plenum, 1983.

57. Whitehead WE & Schuster MM. Functional gastrointestinal disorders. In: Gallon RL (Ed.), The Psychosomatic Approach to Illness. New York, Elsevier Biomedical, 1982.

58. Parker L & Whitehead WE. Treatment of urinary and fecal incontinence in children. In: Russo D, & Varni J (Eds.), Behavioral Pediatrics: Research and Practice. New York, Plenum, 1982. Pp 143-174.

59. Whitehead WE & Schuster MM. Therapeutic applications of biofeedback in digestive diseases. In: Berk JE (Ed.), Developments in Digestive Disease, Vol. 3. Washington Square, Pennsylvania, Lea & Febiger, 1980. Pp 165-177.

60. Whitehead WE, Fedoravicious AS, Blackwell B, & Wooley S. Psychosomatic symptoms as learned responses. In: McNamara JR (Ed.), Behavioral Approaches in Medicine: Application and Analysis. New York, Plenum, 1979. Pp 65-99.

61. Whitehead WE & Blackwell B. Interactions between drugs and behavior therapy. In: McNamara JR (Ed.), Behavioral Approaches in Medicine: Application and Analysis. New York, Plenum, 1979. Pp 157-189.

62. Blackwell B & Whitehead WE. Behavioral evaluation of anti-anxiety drugs. In: Sudilovsky A, Gerson S, & Beer B (Eds.), Predictability in Psychopharmacology--Preclinical and Clinical Correlations. New York, Raven Press, 1975. Pp 121-141.

63. Rechtschaffen A, Lovel R, Freedman DX, Whitehead WE, & Aldrich M. The effects of paracholorphenylalanine on sleep in the rat: Some implications for the serotonin-sleep hypothesis. In: Barchas J, & Usdin E (Eds.), Serotonin and Behavior. New York, Academic Press, 1973.

PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Robinson BL, Matthews CA, Palsson OS, Geller D, Turner M, Parnell B, Crane A, Jannelli M, Wells E, Connolly A, Lin F, Whitehead WE. Obstetric Sphincter Injury Interacts with Diarrhea and Urgency to Increase the Risk of Fecal Incontinence in Women With Irritable Bowel Syndrome. Female Pelvic Med Reconstr Surg 2013; 19(1):40-5. PMID: 23321658

2. Palsson OS, Whitehead WE. Psychological treatments in functional gastrointestinal disorders: A primer for the gastroenterologist. Clin Gastroenterol Hepatol. 2012 Oct 24. doi:pii: S1542-3565(12)01286-4.10.1016/j.cgh.2012.10.031.[Epub ahead of print] PMID: 23103907

3. Townsend MK, Matthews CA, Whitehead WE, Grodstein F. Risk factors for fecal Incontinence in older women. Am J Gastroenterol. 2012 Oct 23 doi:10.1038/aga.2012.364 [Epub ahead of print] PMID: 23090350

4. Wood JD, Liu S, Drossman DA, Ringel Y, Whitehead WE. Anti-enteric neuronal antibodies and the irritable bowel syndrome. J Neurogastroenterol Motil. 2012 Jan;18

5. Palsson OS, Baggish JS, Turner MJ, Whitehead WE. IBS patients show frequent fluctuations between loose/watery and hard/lumpy stools: implications for treatment. Am J Gastroenterol 2012;107:286-95. PMID 22068664.

6. MacLean EW, Palsson OS, Turner MJ, Whitehead WE. Development and validation of new disease-specific measures of somatization and comorbidity in IBS. J Psychosom Res.2012 Nov;73(5):351-5. doi: 10.1016/jpsychores.2012.08.007.Epub2012 Aug 31. PMID:23062808

7. Lee YY, Waid A, Tan HJ, Chua AS, Whitehead WE. The validity and reliability of the Malay-language translation of the Rome III diagnostic questionnaire for irritable bowel syndrome. J Gastroenterol Hepatol 2012;27:746-50. PMID 22004172.

8. van Tilburg MA, Whitehead WE. New paradigm for studying genetics contributions to irritable bowel syndrome. Dig Dis Sci. 2012 Oct;57(10):2484-6. No abstract available. PMID: 22926498 [PubMed – in process] (1):78-85. Epub 2012 Jan 16. PMID: 22323991

9. Whitehead WE, Palsson OS, Gangarosa L, Turner M, Tucker J. Lubiprostone does not influence visceral pain thresholds in patients with irritable bowel syndrome. Neurogastroenterol Motil 2011;23:944-8. PMID 21914941

10. Van Tilburg MA, Spence NJ, Whitehead WE, Bangdiwala S, Goldston DB. Chronic pain in adolescents is associated with suicidal thoughts and behaviors. J Pain 2011 Oct;12:1032-9. PMID 21683217

11. Shinozaki M, Kanazawa M, Palsson OS, Sagami Y, Endo Y, Hongo M, Drossman DA, Whitehead WE, Fukudo S. Validation of the Japanese version of comorbid conditions questionnaire (CCQ-J) and recent physical symptoms questionnaire (RPSQ-J). Intern Med 2011;50(5):375-80.Mar 1. PMID 21372445.

12. Parnell BA, Whitehead WE, Geller EJ, Jannelli ML, Connolly A. Overlapping anal sphincteroplasty: impact of suture selection on bowel symptoms. J Reprod Med 2011;56:187-91. May-June. PMID 21682111.

13. Nyrop KA, Grover M, Palsson OS, Heymen S, Palmer MH, Goode PS, Whitehead WE, Busby-Whitehead J. Likelihood of nursing home referral for fecally incontinent elderly patients is influenced by physician views on nursing home care and outpatient management of fecal incontinence. J Am Med Dir Assoc 2012 May;13:350-4. Epub 2011 Mar 12. PMID:21450249 [PubMed – indexed for MEDLINE]

14. Garland EL, Gaylord SA, Palsson O, Faurot K, Mann DJ, Whitehead WE. Therapeutic mechanisms of a mindfulness-based treatment for IBS: effects on visceral sensitivity, catastrophizing, and affective processing of pain sensations. J Behav Med 2011, Dec 8. [Epub ahead of print]. PMID:22161025 [PubMed – as supplied by publisher]

15. Gaylord SA, Palsson OS, Garland EL, Faurot KR, Coble RS, Mann JD, Frey W, Leniek K, Whitehead WE. Mindfulness training reduces the severity of irritable bowel syndrome in women: results of a randomized controlled trial. Am J Gastroenterol Sept 2011;106:1678-88. PMID 21691341.

16. Choung RS, Shah ND, Chitkara D, Branda ME, Van Tilburg MA, Whitehead WE, Katusic SK, Locke GR 3rd, Talley NJ. Direct medical costs of constipation from childhood to early adulthood: a population-based birth cohort study. J Pediatr Gastroenterol Nutr 2011;52:47-54. PMID 20890220.

17. Wong RW, Palsson OS, Turner MJ, Levy R, Feld AD, von Korff M, Whitehead WE. Inability of the Rome III criteria to distinguish functional constipation from constipation subtype irritable bowel syndrome. Am J Gastroenterol 2010;105:2228-34. PMID: 20502449.

18. Whitehead WE, Drossman DA. Validation of symptom-based diagnostic criteria for irritable bowel syndrome: A critical review. Am J Gastroenterol 2010; 105(4):814-20.PMID: 20179688.

19. Weinland SR, Morris CB, Dalton C, Hu Y, Whitehead WE, Toner BB, Diamant N, Leserman J, Bangdiwala SI, Drossman DA. Cognitive factors affect treatment response to medical and psychological treatments in functional bowel disorders. Am J Gastroenterol 2010;105:1397-406. PMID: 20087332.

20. Van Tilburg MAL, Runyan, DK, Zolotor, A.J, Graham, JC, Dubowitz, H, Litrownik, A, Flaherty, E, Chitkara DK, Whitehead WE. Unexplained gastrointestinal symptoms after abuse in a prospective study of children at risk for abuse and neglect. Ann Fam Med 2010;8:134-40. PMID: 20212300.

21. Norton C, Whitehead WE, Bliss DZ, Harari D, Lang J. Management of fecal incontinence in adults. Neurourol Urodyn. 2010;29:199-206. PMID: 20025031.

22. Levy RL, Langer SL, Walker LS, Romano JM, Christie Dl, Youssef N, DuPen MM, Feld AD, Ballard SA, Welsh EM, Jeffery RW, Young M, Coffey MJ, Whitehead WE. Cognitive-behavioral therapy for children with functional abdominal pain and their parents decreases pain and other symptoms. Am J Gastroenterol 2010;Apr;105(4):946-56. Epub 2010 Mar 9. PMID: 20216531.

23. Heymen S, Maixner W, Whitehead WE, Klatzkin R, Mechlin B, Light K. Central processing of noxious somatic stimuli in patients with irritable bowel syndrome compared to healthy controls. Clin J Pain 2010;26:104-9. PMID: 20090435.

24. Grover M, Busby-Whitehead J, Palmer MH, Heymen S, Palsson OS, Goode PS, Turner M, Whitehead WE. Survey of geriatricians on the impact of fecal incontinence on nursing home referral. J Am Geriatrics Soc 2010;58:1058-62. PMID: 20487073

25. Dunivan GC, Heymen S, Palsson OS, Von Korff M, Feld AD, Levy RS, Turner MJ, Melville JL, Whitehead WE. Fecal incontinence in primary care: prevalence, under-diagnosis, and healthcare utilization. Am J Obstet Gynecol 2010;202:493.e1-6 Epub 2010 Mar 12. . PMID: 20223447.

26. Chiarioni G, Nardo A, Vantini I, Romito A, Whitehead WE. Biofeedback is superior to electrogalvanic stimulation and massage for treatment of levator ani syndrome. Gastroenterology 2010;138:1231-9. PMID: 20044997.

27. Whitehead WE, Di Lorenzo C, Leroi AM, Porrett T, Rao SS. Conservative and behavioural management of constipation. Neurogastroenterol Motil 2009; 21(Suppl 2):55-61. PMID: 19824938.

28. Whitehead WE, Borrud L, Goode PS, Meikle S, Mueler ER, Tuteja A, Weidner A, Weinstein M, Ye W. Pelvic Floor Disorders Network. Fecal incontinence in US adults. Epidemiology and risk factors. Gastroenterology 2009;137:512-7. PMID: 19410574.

29. Van Tilburg MA, Chitkara Dk, Palsson OS, Turner M, Blois-Martin N, Ulshen M, Whitehead WE. Audio-recorded guided imagery treatment reduces functional abdominal pain in children: A pilot study. Pediatrics 2009;124(5):e890-7. PMID: 19822590.

30. Van Tilburg MA, Chitakara DK, Palsson OS, Levy RL, Whitehead WE. Parental worries and beliefs about abdominal pain. J Pediatr Gastroenterol Nutr 2009:48:311-7. PMID: 19274787

31. Thiwan S, Drossman DA, Morris CB, Dalton C, Toner BB, Diamant NE, Hu JB, Whitehead WE, Leserman J, Bangdiwala Sl. Not all side affects associated with tricyclic antipressants therapy are true side affects. Clin Gastroenterol Hepatol 2009;7(4):446-51. PMID: 19167522

32. Spiegel B, Camilleri M, Bolus R, Andresen V, Chey WD, Fehnel S, Mangel A, Talley NJ, Whitehead WE. Psychometric evaluation of endpoints in IBS randomized controlled trials: A Rome Foundation working group report. Gastroenterology, 2009;Dec 137(6):1944-53.e1-3. Epub 2009 Aug 23. PMID: 19706292.

33. Langer SL, Romano JM, Levy RL, Walker LS, Whitehead WE. Catastrophizing and parental response to child symptom complaints. Children's Health Care. 2009:38:1-16.Jul 3;38(3):169-184. PMID:21423794 [PubMed]

34. Heymen S, Scarlett Y, Jones K, Ringel, Y, Drossman DA, Whitehead WE. Randomized controlled trial shows biofeedback to be superior to pelvic floor exercises for fecal incontinence. Diseases of the Colon and Rectum 2009 Oct;52(10):1730-7. PMID:19966605 [PubMed – indexed for Medline]

35. Gaylord SA, Whitehead WE, Coble RS, Faurot KR, Palsson OS, Garland EL, Frey W, Mann JD. Mindfulness for irritable bowel syndrome: protocol development for a controlled clinical trial. BMC Complement Altern Med 2009;9:24. PMID: 19638214.

36. Dorn SD, Morris CB, Hu Y, Toner BB, Diamant N, Whitehead WE, Bangdiwala SI, Drossman DA. Irritable bowel subtypes defined by ROMEII and ROME III criteria are similar. J Clinc Gastroenterol, 2009 Mar; 43(3):214-20. PMID 19623100

37. Dorn SD, Morris CB, Hu Y, Toner BB, Diamant N, Whitehead WE, Bangdiwala SI, Drossman DA. Irritable Bowel Subtypes defined by ROME II and ROME III. Criteria are similar. J Clin Gastroenterol 2009 Mar:43(3):214-20. PMID:19623100

38. Dorn SD, Morris CB, Hu Y, Toner BB, Diamant N, Whitehead WE, Bangdiwala SI, Drossman DA. Irritable bowel syndrome subtypes defined by Rome II and Rome III criteria are similar. J Clin Gastroenterol 2009;43:214-20. PMID: 19623100.

39. Van Tilburg, MAL, Palsson OS, Levy RL, Feld AD, Turner MJ, Drossman DA, Whitehead WE. Complementary and Alternative Medicine use and cost in Functional Bowel Disorders: A six month prospective study in a large HMO. BMC Complement Altern Med 2008;8:46. PMID 18652682.

40. Ringel Y, Drossman DA, Suyenobu BY, Wilber K, Lin W, Whitehead WE, Naliboff BD, Berman S, Mayer EA. Effect of abuse history on pain reports and brain responses to aversive visceral stimulation: an MRI study. Gastroenterology 2008;134:396-404. PMID: 18242208.

41. Nygaard I, Barber MD, Burgio K, Kenton K, Meikle S, Schaffer J, Spino C, Whitehead WE, Wu J, Brody DJ; Pelvic Floor Disorder Network. Prevalence of symptomatic pelvic floor disorders in US women. JAMA:2008 Sept 17:300 (11):1311-6. PMID:18799443.

42. Kanazawa M, Palsson OS, Thiwan SIM, Turner MJ, Van Tilburg MAL, Gangarosa LM, Chitkara DK, Fukuda S, Drossman DA, Whitehead WE. Contributions of pain sensitivity and colonic motility to IBS symptom severity and predominant bowel habits. Am J Gastroenterol 2008:103:2550-61. PMID: 18684175

43. Grover M, Kanazawa M, Palsson OS, Drossman DA, Whitehead WE. Small intestinal bacterial overgrowth in irritable bowel syndrome: Association with colon motility, bowel symptoms, and psychological distress. Neurogastroenterology Motil 2008;20:998-1008. PMID 18482250.

44. Goode PS, Fitzgerald MP, Richter HE, Whitehead WE, Nygaard I, Wren PA, Zyczynski HM, Cundiff G, Menefee S, Senka JM, Gao X, Weber AM. Pelvic Floor disorders Network. Enhancing participation of older women in surgical trials. J AM Coll Surg 2008:207:303-11. PMID: 18722933

45. Chitkara DK, van Tilburg MA, Blois-Martin N, Whitehead WE. Early life risk factors that contribute to irritable bowel syndrome in adults: a systematic review. Am J Gastroentrol 2008 Mar;103(3):765-74. PMID:18177446 [PubMed – indexed for Medline]

46. Whitehead WE, Palsson OS, Levy RL, Feld A, Turner M, Von Korff M. Comorbidity in irritable bowel syndrome. Am J Gastroenterol 2007;102:2767-76. PMID 17900326.

47. Whitehead WE, Bradley CS, Brown MB, Brubaker L, Gutman RE, Varner RE, Visco A, Weber AM, Zyczynski H, for the Pelvic Floor Network. Gastrointestinal complications following abdominal sacrocolpopexy for advanced pelvic organ prolapse. Am J Obstetric & Gynecology 2007 July;197(1):78.e1-7. PMID:17618767 [PubMed – indexed for Medline]

48. Nyrop KA, Palsson OS, Levy RL, Von Korff M, Feld AD, Turner MJ, Whitehead WE. Costs of health care for irritable bowel syndrome, chronic constipation, functional diarrhea and functional abdominal pain. Aliment Pharmacol Ther 2007;26:237-48. PMID 17593069.

49. Levy RL, Langer SL, Whitehead WE. Social learning contributions to the etiology and treatment of functional abdominal pain and inflammatory bowel disease in children and adults. World J Gastroenterol 2007;13:2397-2403. PMID 17552021.

50. Kanazawa M, Drossman Da, Shinozaki M, Sagami Y, Endo Y, Palsson OS, Hongo M, Whitehead WE, Fukudo S. Translation and validation of a Japanese version of the irritable bowel syndrome-quality of life measure (IBS-QOL-J). Biopsychosoc Med 2007; Mar 3;1:6. PMID:17371576

51. Heymen S, Scarlett Y, Jones K, Ringel Y, Drossman D, Whitehead WE. Randomized controlled trial shows biofeedback to be superior to alternative treatments for patients with pelvic floor dyssynergia-type constipation. Dis Colon Rectum 2007 Apr;50(4):428-441. PMID:17294322

52. Handa VL, Zyczynski H, Burgio KL, FitzGerald MP, Borello-France D, Janz N, Fine P, Whitehead WE, Brown MB, Weber AM, for the Pelvic Floor Disorders Network. The impact of fecal and urinary incontinence on quality of life six months after childbirth. Am J Obstetric & Gynecology, 2007 Dec;197(6):636.e1-6. PMID:18060960

53. Fine PM, Burgio KL, Borello-France D, Richter HE, Whitehead WE, Weber AM, Brown MB, for the Pelvic Floor Disorders Network. Teaching and practicing of pelvic floor muscle exercises in primiparous women during pregnancy and the postpartum period. Am J Obstet Gynecol 2007;197:107.e1-5. PMID 17618767.

54. Drossman, DA, Morris CB, Hu Y, Toner BB, Diamant N, Whitehead WE, Dalton CB, Leserman J, Patrick D, Bangdiwala S. Characterization of Health Related Quality of Life (HRQOL) for patients with Functional Bowel Disorder (FBD) and its response to treatment. Am J Gastroenterol 2007 July;102(7):1442-1453. PMID:17509027

55. Dorn SD, Palsson OS, Thiwan SIM, Kanazawa M, Clark WC, Van Tilburg MAL, Drossman DA, Scarlett Y, Levy RL, Ringel Y, Crowell MD, Olden KW, Whitehead WE. Increased colonic pain sensitivity in irritable bowel syndrome is the result of an increased tendency to report pain rather than increased neurosensory sensitivity. Gut 2007 Sept;56(9):1202-1209. PMID:17483191

56. Chiarioni G, Whitehead WE, Bassotti G. Randomized controlled trial of biofeedback. Clin Gastroenterol Hepatol. 2007:5:1119. PMID: 17825773

57. Burgio KL, Borello-France D, Richter HE, FitzGerald MP, Whitehead W, Handa VL, Nygaard I, Fine P, Zyczynski H, Visco AG, Brown MB, Weber AM, for the Pelvic Floor Disorders Network. Risk factors for fecal and urinary incontinence after childbirth: The childbirth and pelvic symptoms study. Am J Gastroenterol, 2007 Sept;102(9):1998-2004. PMID:17573795

58. Bradley CS, Richter HE, Gutman RE, Brown MB, Whitehead WE, Fine PM, Hakim C, Harford F, Weber AM; Pelvic Floor Disorders Network. Risk factors for sonographic internal anal sphincter gaps 6-12 months after delivery complicated by anal sphincter tear. Am J Obstet Gynecol. 2007;197:310.e1-5. PMID 17826433

59. Bradley CS, Nygaard I, Brown MB, Gutman RE, Kenton KS, Whitehead WE, Goode PS, Wren PA, Ghetti C, Weber AM, for the Pelvic Floor Disorders Network. Bowel symptoms in

women one year after sacrocolpopexy. Am J Obstetric & Gynecology, 2007 Dec.197(6):642.e1-8. PMID 18060963.

60. Whitehead WE, Palsson OS, Levy RL, Feld AD, Von Korff M, Turner M. Reports of "Satisfactory relief" by IBS patients receiving usual medical care are confounded by baseline symptom severity and do not accurately reflect symptom improvement. Am J Gastroenterol 2006 May;101(5):1057-1065. PMID:16573774

61. Whitehead WE, Palsson OS, Feld AD, Levy RL, Von Korff M, Turner MJ, Drossman DA. Utility of red flag symptom exclusions in the diagnosis of irritable bowel syndrome. Aliment Pharmacol Ther. 2006 Jul 1;24(1):137-146. PMID:16803612 [PubMed – indexed for Medline]

62. Walker LS, Levy RL, Whitehead WE. Validation of a measure of protective parent responses to children's pain. Clinical Journal of Pain 2006, 22(8):712-716. PMID:16988567

63. von Baeyer CL, Whitehead WE. Effects of parent attention versus distraction on abdominal discomfort in children: a new method and new findings. Pain. 2006 May;122(1-2):8-10. PMID:16540247.No abstract available.

64. Venepalli NK, Van Tilburg MAL, Whitehead WE. Recurrent abdominal pain: What determines medical consulting behavior? Dig Dis Sci 2006 Jan;51(1):192-201. PMID:16416235

65. Shinozaki M, Kanazawa M, Sagami Y, Endo Y, Hongo M, Drossman DA, Whitehead WE, Fukudo S. Validation of the Japanese version of the Rome II Modular Questionnaire and Irritable Bowel Syndrome Severity Index. J Gastroenterol. 2006 May;41(5):491-494. PMID:16799892

66. Shinozaki M, Kanazawa M, Sagami Y, Endo Y, Hongo M, Drossman DA, Whitehead WE, Fukudo S. Validation of the Japanese version of the Rome II modular questionnaire and irritable bowel syndrome severity index. J Gastroenterol 2006 May;41(5):491-494. PMID:16799892

67. Levy RL, Langer SL, Walker LS, Feld LD, Whitehead WE. Relationship between the decision to take a child to the clinic for abdominal pain and maternal psychological distress. Archives of Pediatric and Adolescent Medicine 2006 Sep,160(9):961-965. PMID:16953020

68. Chitkara DK, Van Tilburg M, Whitehead WE, Talley NJ. Teaching diaphragmatic breathing for rumination syndrome. Am J Gastroenterol 2006, Nov;101(11): 2449-2452. PMID:17090274

69. Chitkara DK, Bredenoord AJ, Talley NJ, Whitehead WE. Aerophagia and rumination: recognition and therapy. Curr Treat Options Gastroenterol. 2006 Jul;9(4):305-313. PMID:16836949

70. Chiarioni G, Whitehead WE, Pezza V, Morelli A, Bassotti G. Biofeedback is superior to laxatives for normal transit constipation due to pelvic floor dyssynergia. Gastroenterology 2006 Mar;130(3):657-664. PMID:1650506

71. Bradley CS, Brown MB, Cundiff GW, Goode PS, Kenton KS, Nygaard IE, Whitehead WE, Wren PA, Weber AM, for the Pelvic Floor Disorders Network. Bowel symptoms in women planning surgery for pelvic organ prolapse. Am J Obstetric & Gynecology 2006;195:1814-9. PMID:16996465

72. Borello-France D, Burgio KL, Richter HE, Zyczynski H, FitzGerald PM, Whitehead W, Fine P, Nygaard I, Handa VL, Visco AG, Weber AM, Brown MB, for the Pelvic Floor Disorders Network. Fecal and urinary incontinence in primiparous women: The Childbirth and Pelvic Symptoms (CAPS) study. Obstet Gynecol. 2006 Oct;108(4):863-872. PMID:17012447

73. Kwon S, Visco AG, Fitzgerald MP, Ye W, Whitehead WE, and the Pelvic Floor Disorders Network (PFDN). Validity and reliability of the modified Manchester Health Questionnaire. Dis Colon Rectum 2005 Feb;48(2):323-331. Discussion 331-334. PMID:15616750

74. Halpert A, Dalton CB, Diamant NE, Toner BB, Hu Y, Morris CB, Bangdiwala SI, Whitehead WE, Drossman DA. Clinical response to tricyclic antidepressants in functional bowel disorders is not related to dosage. Am J Gastroenterol 2005;100(3):664-671. PMID:15743366

75. Chiarioni G, Salandini L, Whitehead WE. Biofeedback benefits only patients with outlet dysfunction, not patients with isolated slow transit constipation. Gastroenterology 2005 July;129(1):86-97. PMID:16012938

76. Camilleri M, Dubois D, Coulie B, Jones M, Kahrilas P, Rentz AM, Sonnenberg A, Stanghellini V, Stewart WF, Tack J, Talley N, Whitehead W, Revicki DA. Prevalence and socioeconomic impact of upper gastrointestinal disorders in the United States: Results of the US Upper Gastrointestinal Study. Clin Gastroenterol Hepatol 2005 June;3(6):543-552. PMID:15952096

77. Whitehead WE, Levy RL, Von Korff, MV, Feld AD, Palsson OS, Turner MJ, Drossman DA. The Usual medical care for IBS. Alimentary Pharm Ther 2004 Dec;20(11-12):1305-1315. PMID:15606392

78. Ringel Y, Whitehead WE, Toner BB, Diamant NE, Hu Y, Jia H, Bangdiwala S, Drossman DA. Sexual and physical abuse are not associated with rectal hypersensitivity in patients with irritable bowel syndrome. Gut 2004 June;53(6):838-842. PMID:15138210

79. Palsson OS, Morteau O, Bozymski EM, Woosley JT, Sartor RB, Whitehead WE. Vasoactive intestinal peptide is elevated in the rectal mucosa of patients with irritable bowel syndrome. Dig Dis Sci 2004;49(7-8):1236-1243. PMID:15387352

80. Levy RL, Whitehead WE, Walker LS, Von Korff M, Feld AD, Garner M, Christie D. Increased somatic complaints and health care utilization in children: Effects of parent IBS status and parent response to gastrointestinal symptoms. Am J Gastroenterol 2004 Dec;99(12):2442-2451. PMID:15571594

81. Kanazawa M, Endo Y, Whitehead WE, Kano M, Hongo M, Fukudo S. Patients and nonconsulters with irritable bowel syndrome reporting a parental history of bowel problems have more impaired psychological distress. Dig Dis Sci 2004 June;49(6):1046-1053. PMID:15309899

82. Whitehead WE, Bassotti G, Palsson O, Taub E, Cook EC III, Drossman DA. Factor analysis of bowel symptoms in U.S. and Italian populations. Digestive and Liver Disease 2003 Nov;35(11):774-783. PMID:14674667

83. Ringel Y, Drossman DA, Turkington TG, Bradshaw B, Hawk TC, Bangdiwala S, Coleman RE, Whitehead WE. Regional brain activation in response to rectal distension in patients with irritable bowel syndrome and the effect of a history of abuse. Dig Dis Sci 2003 Sept;48(9):1774-1781. PMID:14561000

84. Heymen S, Jones KR, Scarlett Y, Whitehead WE. Biofeedback treatment for constipation: A critical review. Dis Colon Rectum 2003 Sept;46(9):1208-1217. Review. PMID:12972965

85. Drossman DA, Toner BB, Whitehead WE, Diamant NE, Dalton CB, Duncan S, Emmott S, Proffitt V, Akman D, Frusciante K, Le T, Meyer K, Bradshaw B, Milula K, Morris CB, Blackman CJ, Hu Y, Jia H, Li JZ, Koch GG, Bangdiwala SI. Cognitive-behavioral therapy versus education and desipramine versus placebo for moderate to severe functional bowel disorders. Gastroenterology 2003 July;125:19-31. PMID:12851867

86. Drossman DA, Ringel Y, Vogt BA, Leserman J, Lin W, Smith JK, Whitehead WE. Alterations of brain activity associated with resolution of emotional distress and pain in a case of severe irritable bowel syndrome. Gastroenterology 2003 March;124(3):754-761. PMID:12612913

87. Palsson OS, Turner MJ, Johnson DA, Burnett CK, Whitehead WE. Hypnosis treatment for severe irritable bowel syndrome: Investigation of mechanism and effects on symptoms. Dig Dis Sci 2002 Nov;47(11):2605-2614. PMID:12452403

88. Chiarioni G, Bassotti G, Stegagnini S, Vantini I, Whitehead WE. Sensory retraining is key to biofeedback therapy for formed stool fecal incontinence. Am J Gastroenterol 2002 Jan;97(1):109-117. PMID:11808933

89. Azpiroz F, Enck P, Whitehead WE. Anorectal functional testing: Review of a collective experience. Am J Gastroenterol 2002 Feb;97(2):232-240. Review. PMID:11866256

90. Whitehead WE, Wald A, Norton N. Treatment options for fecal incontinence. Dis Colon Rectum 2001 Jan;44(1):131-144. PMID:11805574

91. Levy RL, Von Korff M, Whitehead WE, Stang P, Saunders K, Jhingran P, Barghout V, Feld AD. Costs of care for irritable bowel syndrome patients in a health maintenance organization. Am J Gastroenterol 2001 Nov;96(11):3122-3129. PMID:11721759

92. Levy RL, Jones KR, Whitehead WE, Feld SI, Talley NJ, Corey LA. Irritable bowel syndrome in twins: Heredity and social learning both contribute to etiology. Gastroenterology 2001 Oct;121(4):799-804. PMID:11606493

93. Heymen S, Jones KR, Ringel Y, Scarlett Y, Whitehead WE. Biofeedback treatment of fecal incontinence: A critical review. Dis Colon Rectum 2001 May;44(4):728-736. PMID:11357037

94. Gibbs NA, Palsson OS, Levy RL, Meyer K, Drossman DA, Whitehead WE. Selective recall of gastrointestinal sensation words: Evidence for a cognitive-behavioral contribution to irritable bowel syndrome. Am J Gastroenterol, 2001 Apr;96(4):1133-1138. PMID:11318007

95. Levy RL, Whitehead WE, Von Korff MR, Feld AD. Intergenerational transmission of gastrointestinal illness behavior. Am J Gastroenterol 2000 Feb;95(2):451-456. PMID:10685749

96. Drossman DA, Whitehead WE, Toner BB, Diamant N, Hu YJB, Bangdiwala SK, Jia H. What determines severity among patients with painful functional bowel disorders? Am J Gastroenterol 2000 Apr;95(4):974-980. PMID:10763947

97. Drossman DA, Patrick DL, Whitehead WE, Toner BB, Diamant NE, Hu Y, Jia H, Bangdiwala KI. Further validation of the IBS-QOL: A disease-specific quality-of-life questionnaire. Am J Gastroenterol 2000 Apr;95(4):999-1007. PMID:10763950

98. Chiarioni G, Bassotti G, Monsignori A, Menegotti M, Salandini L, Di Matteo G, Vantini I, Whitehead WE. Anorectal dysfunction in constipated women with anorexia nervosa. Mayo Clin Proc 2000 Oct;75(10):1015-1019. PMID:11040849

99. Whitehead WE, Wald A, Diamant N, Enck P, Pemberton J, Rao SS. Functional disorders of the anus and rectum. Gut 1999; 45(Suppl II):55-59.

100. Whitehead WE, Corazziari E, Prizont R, Senior J, Thompson WG, van Zanten S. Definition of a responder in clinical trials for functional gastrointestinal disorders: Report on a symposium. Gut 1999; 45(Suppl II):78-79.

101. Drossman DA, Creed FH, Olden KW, Svedlund J, Toner BB, Whitehead WE. Psychosocial aspects of the functional gastrointestinal disorders. Gut 1999 Sept; 45(Suppl II):25-30. PMID:10457041

102. Whitehead WE, Palsson OS. Is rectal pain sensitivity a biological marker for irritable bowel syndrome: Psychological influences on pain perception. Gastroenterology 1998;115:1263-1271.

103. Bassotti G, Germani U, Foiorella S, Roselli P, Brunori P, Whitehead WE. Intact colonic motor response to sudden awakening from sleep in patients with chronic idiopathic (slow-transit) constipation. Dis Colon Rectum 1998;41:1550-1556.

104. Bassotti G, Crowell MD, Cheskin LJ, Chami TN, Schuster MM, Whitehead WE. Physiological correlates of colonic motility in patients with irritable bowel syndrome. Z Gastroenterol 1998;36:811-817.

105. Bassotti G, Chiarioni G, Vantini I, Morelli A, Whitehead WE. Effect of different doses of erythromycin on colonic motility in patients with slow transit constipation. Z Gastroenterol 1998;36:209-213.

106. Whitehead WE, Delvaux M, Azpiroz F, Barlow J, Bradley L, Camilleri M, Crowell MD, Enck P, Fioramonti J, Mayer EA, Morteau O, Phillips SF, Thompson DG, Wingate DL. Standardization of barostat procedures for testing smooth muscle tone and sensory thresholds in the gastrointestinal tract. Dig Dis Sci 1997;42:223-41.

107. Whitehead WE, Crowell MD, Davidoff AL, Palsson OS, Schuster MM. Pain from rectal distention in women with irritable bowel syndrome: Relationship to sexual abuse. Dig Dis Sci 1997;42:796-804.

108. Bassotti G, Whitehead WE. Biofeedback, relaxation training, and cognitive behaviour modification as treatments for lower functional gastrointestinal disorders. Q J Med 1997;90:545-550.

109. Whitehead WE, Burnett CK, Cook WE III, Taub E. Impact of irritable bowel syndrome on quality of life. Dig Dis Sci 1996;41:2248-53.

110. Taub E, Cuevas JL, Cook III EW, Crowell M, Whitehead WE. Gastrointestinal syndromes defined by factor analysis: Gender and race comparisons. Dig Dis Sci 1995;40:2647-55.

111. Drossman DA, Li Z, Toner BB, Diamant NE, Creed FH, Thompson D, Read NW, Babbs C, Barreiro M, Bank L, Whitehead WE, Schuster MM, Guthrie EA. Functional bowel disorders: A multinational comparison of health status and development of an illness severity index.

Dig Dis Sci 1995;40:986-95.

112. Cheskin LJ, Kamal N, Crowell MD, Schuster MM, Whitehead WE. Mechanisms of constipation in older persons and effects of fiber compared with placebo. J Am Geriatr Soc 1995;43:666-9.

113. Chami TN, Andersen AE, Crowell MD, Schuster MM, Whitehead WE. Gastrointestinal symptoms in bulimia nervosa: Effects of treatment. Am J Gastroenterol 1995;90:88-92.

114. Whitehead WE, Crowell MD, Heller BR, Robinson JC, Horn S. Modeling and reinforcement of the sick role during childhood predicts adult illness behavior. Psychosomatic Medicine 1994;56:541-50.

115. Crowell MD, Dubin N, Robinson JC, Cheskin LJ, Schuster MM, Heller BR, Whitehead WE. Functional bowel disorders in women with dysmenorrhea. Am J Gastroenterol 1994;89:1973-7.

116. Cox DJ, Sutphen J, Borowitz S, Dickens MN, Singles J, Whitehead WE. Simple electromyographic biofeedback treatment for chronic pediatric constipation/encopresis: Preliminary Report. Biofeedback Self-Regulation 1994;19:41-50.

117. Bassotti G, Whitehead WE. Biofeedback as a treatment approach to gastrointestinal tract disorders. Am J Gastroenterol 1994;89:158-64.

118. Bassotti G, Gaburri M, Morelli A, Whitehead WE. Distention stimulated high and low amplitude propagated contractions in the human colon. Dig Dis Sci 1994;39:1955-60.

119. Drossman DA, Li Z, Andruzzi E, Temple RD, Talley NJ, Thompson WG, Whitehead WE, Janssens J, Funch-Jensen P, Corazziari E, Richter JE, & Koch GG. U. S. householder survey of functional GI disorders: Prevalence, sociodemography, and health impact. Dig Dis Sci, 1993, 38, 1569-80.

120. Bassotti G, Crowell MD & Whitehead WE. Contractile activity of the human colon: Lessons from 24-hour studies. Gut 1993;34:129-33.

121. Bassotti G, Chiarioni G, Imbimbo BP, Betti C, Bonafante F, Vantini I, Morelli A, Whitehead WE. Impaired colonic motor response to cholinergic stimulation in patients with severe chronic idiopathic (slow transit type) constipation. Dig Dis Sci 1993;38:1040-5.

122. Whitehead WE, Morrison A, Crowell MD, Heller BR, Robinson JC, Benjamin CL, & Horn S. Development of a scale to measure childhood learning of illness behavior. Western Journal of Nursing Research, 1992, 14, 170-185.

123. Whitehead WE, Crowell MD, Robinson JC, Heller BR, & Schuster MM. Effects of stressful life events on bowel symptoms: Subjects with irritable bowel syndrome compared to subjects without bowel dysfunction. Gut, 1992, 33, 825-830.

124. Koffler KH, Menkes A, Redmond RA, Whitehead WE, Pratley RE, & Hurley BF. Strength training accelerates gastrointestinal transit time in middle-aged and older men. Medicine and Science in Sports and Exercise, 1992, 24, 415-419.

125. Crowell MD, Musial F, French W, Kittur D, Anderson D, & Whitehead WE. Prolonged ambulatory monitoring of colonic motility in the pig. Physiology and Behavior, 1992, 52, 571-

574.

126. Cheskin LJ, Crowell MD, Kamal N, Rosen B, Schuster MM, & Whitehead WE. The effects of acute exercise on colonic motility. J Gastrointest Mot, 1992, 4, 173-177.

127. Bassotti G, Morelli A, & Whitehead WE. Abnormal rectosigmoid myoelectrical response to eating in patients with severe idiopathic constipation (slow transit type). Dis Colon Rectum 1992;35:753-756.

128. Bassotti G, Crowell MD, Betti C, Whitehead WE, & Morelli A. Registrazione prolungata dell'attivita contrattile del colon umano. Argomenti di Gastroenterologia Clinica, 1992, 5:185-193.

129. Kamal N, Chami, T, Andersen A, Rosell FA, Schuster MM, & Whitehead WE. Delayed gastrointestinal transit times in anorexia nervosa and bulimia nervosa. Gastroenterology, 1991, 101, 1320-1324.

130. Crowell MD, Bassotti G, Cheskin LJ, Schuster MM, & Whitehead WE. Prolonged ambulatory monitoring of high amplitude propagated contractions from the colon. American Journal of Physiology, 1991, G263-G268.

131. Chami TN, Schuster MM, Bohlman ME, Pulliam TJ, Kamal N, & Whitehead WE. A simple radiologic method to estimate the quantity of bowel gas. American Journal of Gastroenterology, 1991, 86, 599-602.

132. Whitehead WE, Holtkotter B, Enck P, Hoelzl R, Holmes KD, Anthony J, Shabsin HS, & Schuster MM. Tolerance for rectosigmoid distension in irritable bowel syndrome. Gastroenterology, 1990, 98, 1187-1192.

133. Whitehead WE, Crowell MD, Bosmajian L, Zonderman A, Costa PT Jr, Robinson JC, Heller BR, & Schuster MM. Existence of irritable bowel syndrome supported by factor analysis of symptoms in two community samples. Gastroenterology, 1990, 98, 336-340.

134. Whitehead WE, Cheskin LJ, Heller BR, Robinson JC, Crowell MD, Benjamin CL, & Schuster MM. Evidence for exacerbation of irritable bowel syndrome during menses. Gastroenterology, 1990, 98, 1485-1489.

135. Cheskin LJ, Shabsin HS, Brooner R, Schuster MM, & Whitehead WE. Colon motility in opiate addiction and naloxone-precipitated withdrawal. Journal of Gastrointestinal Motility, 1990, 2, 90-95.

136. Bassotti G, Gulla P, Betti C, Whitehead WE, & Morelli A. Manometric evaluation of jejunal limb after total gastrectomy and Roux-Orr anastomosis for gastric cancer. British Journal of Surgery, 1990, 77, 1025-1029.

137. Whitehead WE, Taitelbaum G, Wigley FM, & Schuster MM. Colon motility and myoelectric activity in progressive systemic sclerosis. Gastroenterology, 1989, 96, 428-432.

138. Whitehead WE, Drinkwater D, Cheskin LJ, Heller BR, & Schuster MM. Constipation in the elderly living at home: Definition, prevalence, and relationship to lifestyle and health status. Journal of the American Geriatric Society, 1989, 37, 423-429.

139. Middaugh SJ, Whitehead WE, & Engel BT. Biofeedback in treatment of urinary incontinence in stroke patients. Biofeedback and Self-Regulation, 1989, 14, 3-19.

140. Heller BR, Whitehead WE, & Johnson LD. Incontinence. Journal of Gerontological Nursing, 1989, 15, 16-23.

141. Haderstorfer B, Whitehead WE, & Schuster MM. Intestinal gas production from bacterial fermentation of undigested carbohydrate in irritable bowel syndrome. American Journal of Gastroenterology, 1989, 84, 375-378.

142. Enck P, Whitehead WE, Shabsin HS, Nikoomanesh P, & Schuster MM. Stability of myoelectric slow waves and pressure waves recorded from the distal colon. Psychophysiology, 1989, 26, 62-69.

143. Whitehead WE, Bosmajian L, Zonderman A, Costa P, Schuster MM. Symptoms of psychologic distress associated with irritable bowel syndrome: A comparison of community and medical clinic samples, Gastroenterology, 1988, 95, 709-714.

144. Busch CM, Costa PT, Jr, Whitehead WE, & Heller BR. Severe perimenstrual symptoms: Prevalence and effects on absenteeism and health care seeking in a non-clinical sample. Women and Health, 1988, 14, 59-74.

145. Burton JR, Pearce KL, Burgio KL, Engel BT, & Whitehead WE. Behavioral training for urinary incontinence in elderly ambulatory patients. Journal of the American Geriatric Society, 1988, 36, 693-698.

146. Parker R, Whitehead WE, & Schuster MM. Pattern recognition program for analysis of colon myoelectric and pressure data. Digestive Diseases & Sciences, 1987, 32, 953-961.

147. Whitehead WE. Biofeedback and habit training for fecal incontinence associated with myelomeningocele. Journal of Pediatric Neurosciences, 1986, 2, 27-36.

148. Whitehead WE, Parker L, Bosmajian L, Morrill-Corbin E, Middaugh S, Garwood M, Cataldo MF, & Freeman J. Treatment of fecal incontinence in children with spina bifida: Comparison of biofeedback and behavior modification. Archives of Physical Medicine and Rehabilitation, 1986, 67, 218-224.

149. Whitehead WE, Busch CM, Heller BR, & Costa P. Social learning influences on menstrual symptoms and illness behavior. Health Psychology, 1986, 5, 13-23.

150. Whitehead WE, Drescher VM, Morrill-Corbin E, & Cataldo MF. Rumination syndrome in children treated by increased holding. Pediatric Gastroenterology and Nutrition, 1985, 4, 550-556.

151. Whitehead WE, Burgio K, & Engel BT. Biofeedback treatment of fecal incontinence in geriatric patients. J Am Geriatric Soc 1985;33:320-324.

152. Lowery SP, Srour JW, Whitehead WE, & Schuster MM. Habit training as treatment of chronic constipation. Journal of Pediatric Gastroenterology and Nutrition, 1985, 4, 397-401.

153. Drescher VM, Whitehead WE, & Morrill-Corbin E. Physiological and subjective reactions to being touched. Psychophysiology, 1985, 22, 96-100.

154. Burgio KL, Whitehead WE, & Engel BT. Urinary Incontinence in the elderly: Bladder/sphincter biofeedback and toilet skills training. Annals of Internal Medicine, 1985, 104, 507-515.

155. Whitehead WE, Winget C, Fedoravicious AS, Wooley S, & Blackwell B. Learned illness behavior in patients with irritable bowel syndrome and peptic ulcer. Digestive Diseases and Sciences, 1982, 27, 202-208.

156. Whitehead WE, Orr WC, Engel BT, & Schuster MM. External anal sphincter response to rectal distention: Learned response or reflex. Psychophysiology, 1982, 19, 57-62.

157. Drescher VM, Hayhurst V, Whitehead WE, & Joseph JA. The effects of tactile stimulation on pulse rate and blood pressure. Biological Psychiatry, 1982, 11, 1347-1352.

158. Whitehead WE, Parker LH, Masek BJ, Cataldo MF, & Freeman JM. Biofeedback treatment of fecal incontinence in myelomeningocele. Developmental Medicine and Child Neurology, 1981, 23, 313-322.

159. Whitehead WE, Engel BT, & Schuster MM. Perception of rectal distention is necessary to prevent fecal incontinence. In: Adam G, Meszaros I, & Banyai EI (Eds.), Advances in the Physiological Sciences, Vol. 17, Brain and Behavior. Budapest, Akademia Kiado, 1981.

160. Whitehead WE, Engel BT, & Schuster MM. Irritable bowel syndrome: Physiological and psychological differences between diarrhea-predominant and constipation-predominant patients. Digestive Diseases and Sciences, 1980, 25, 404-413.

161. Whitehead WE & Drescher VM. Perception of gastric contractions and self-control of gastric motility. Psychophysiology, 1980, 17, 552-558.

162. Stemple JC, Weiler E, Whitehead WE, & Komray R. Electromyographic biofeedback training with patients exhibiting a hyperfunctional voice disorder. Laryngoscope, 1980, 471-476.

163. Rehder TL, McCoy LK, Blackwell B, Whitehead WE, & Robinson A. Improving medication compliance by counseling and special prescription container. American Journal of Hospital Pharmacy, 1980, 37, 379-385.

164. Drescher VM, Gantt WH, & Whitehead WE. Heart rate response to touch. Psychosomatic Medicine, 1980, 42, 559-565.

165. Whitehead WE, Robinson A, Blackwell B, & Stutz RM. Flooding treatment of phobias: Does chronic Diazepam increase effectiveness? Behavior Therapy and Experimental Psychiatry, 1978, 9, 219-225.

166. Whitehead WE, Blackwell B, & Robinson A. Effects of Diazepam on phobic avoidance behavior and phobic anxiety. Biological Psychiatry, 1978, 13, 59-64.

167. Whitehead WE, Drescher VM, Heiman P, & Blackwell B. Relation of heart rate control to heart beat perception. Biofeedback and Self-Regulation, 1977, 2, 371-392.

168. Whitehead WE, Drescher VM, & Hanenson IB. Communication: Reflex decreases in human diastolic blood pressure. Journal of Applied Behavior Analysis, 1977, 10, 526.

169. Whitehead WE, Blackwell B, DeSilva H, & Robinson A. Anxiety and anger in hypertension. Journal of Psychosomatic Research, 1977, 21, 383-389.

170. Whitehead WE, Blackwell B, & Robinson A. Why physicians prescribe benzodiazepines: A phase IV study. Biological Psychiatry, 1977, 12, 597-601.

171. Whitehead WE, Renault PR, & Goldiamond I. Modification of human gastric acid secretion with operant conditioning procedures. Journal of Applied Behavior Analysis, 1975, 8, 147-156. Reprinted in: Barber TX, DiCara LV, Kamiya J, Miller NE, Shapiro D, & Stoyva J (Eds.), Biofeedback and Self-Control 1975-76. Chicago, Aldine, 1976.

172. Whitehead WE, Lurie E, & Blackwell B. Classical conditioning of decreases in human systolic blood pressure. Journal of Applied Behavior Analysis, 1976, 9, 153-157.

173. Blackwell B, Wooley S, & Whitehead WE. Psychosomatic illness: A new treatment approach. Cincinnati Journal of Medicine 1974, 55, 95-98.

174. Zepelin H, Whitehead WE, & Rechtschaffen A. Aging and sleep in the albino rat. Behavioral Biology, 1972, 7, 65-74.

175. Altman J, Whitehead WE, & Rechtschaffen A. Effects of five hours restraint stress on subsequent sleep in the rat. Psychonomic Science, 1972, 26, 152-154.

176. Whitehead WE, Robinson RM, Wincor MZ, & Rechtschaffen A. The accumulation of REM sleep need during sleep and wakefulness. Communications in Behavioral Biology, 1969, 4, 195-201.

177. Rechtschaffen A, Dates R, Tobias M, & Whitehead WE. The effect of lights-off stimulation on the distribution of paradoxical sleep in the rat. Communications in Behavioral Biology, 1968, 3, 93-99.

178. Frederickson CJ, Whitehead PK, Whitehead WE, & Rechtschaffen A. The effect of ether anesthesia on recovery from REM deprivation. Communications in Behavioral Biology, 1968, 3, 279-281.

179. Appel JB, Whitehead WE, & Freedman DX. Motivation and the behavioral effects of LSD. Psychonomic Science, 1968, 12, 305-306.

SOLICITED JOURNAL ARTICLES & LETTERS TO THE EDITOR

1. Gaylord SA, Palsson OS, Garland EL, Faurot KR, Mann JD, Whitehead WE. Commentary. Gastroenterology 2012 (Mar 26). Epub ahead of print. PMID 22465723.

2. Whitehead WE, Chiarioni G. Adopting new enrollment criteria for pharmaceutical trials in constipation look before leaping. Therap Adv Gastroenterol 2011;4:165-8. PMID 21694800.

3. Grover M, Whitehead WE. Is fecal incontinence a risk factor for institutionalization in the elderly? Am J Gastroenterol 2011;106:366-7. PMID 21301458.

4. Chiarioni G, Asteria C, Whitehead WE. Chronic proctalgia and chronic pelvic pain syndromes: new etiologic insights and treatment options. World J Gastroenterol 2011;17:4447-55. PMID 22110274.

5. Whitehead WE, Bharucha AE. Diagnosis and treatment of pelvic floor disorders: what's new and what to do. Gastroenterology 2010;138(4):1231-5. PMID: 20176023.

6. Whitehead WE. Is biofeedback therapy an effective treatment for dyssynergic defecation? (Commentary). Nat Clin Pract Gastroenterol Hepatol 2008;5:74-5.

7. Makol A, Grover M, Whitehead WE. Fecal incontinence in women: causes and treatment. Women's Health (London, England). 2008;4:517-28. PMID: 19072490

8. Grover M, Whitehead WE. Lactulose breath testing and irritable bowel syndrome. Am J Gastroenterol 2008; Epub ahead of print. PMID 18785954.

9. Grover M, Whitehead WE. Lactulose breath testing and irritable bowel syndrome. Am J Gastroenterol 2008;103:2651-3. PMID 18855858.

10. Chiarioni G, Whitehead WE, The role of biofeedback in the treatment of gastrointestinal disorders. Nat Clin Gastroenterol Hepatol. 2008;5:71-82.

11. Chiarioni G, Palsson OS, Whitehead WE. Hypnosis and upper digestive function and disease. World J Gastroenterol 2008;14:6276-84. PMID 19009639.

12. Whitehead WE. Twin studies used to prove that the comorbidity of major depressive disorder with IBS is NOT influenced by heredity. Am J Gastroenterol 2007;102:2230-1. PMID 17897338.

13. Hull A, Whitehead W. Constipation: will the bowel recipe do the trick? Am J Obstet Gynecol 2007;109(4):985-9.

14. Chiarioni G, Whitehead WE, Bassotti G. Randomized controlled trial of biofeedback: Corrections. (Letter to the Editor) Clinical Gastroenterology & Hepatology 2007;5:1119.

15. Whitehead WE. Life as a PhD in a clinical department. AGA Perspectives, September 2006: 7 & 14.

16. Palsson OS, Whitehead WE. Hypnosis for non-cardiac chest pain (Commentary). Gut. 2006 Oct;55(10):1381-4.

17. Design of Treatment Trials Committee: Irvine EJ, Whitehead WE, Chey WD, Matsueda K, Shaw M, Talley NJ, Van Zanten, SJOV. Design of treatment trials for functional gastrointestinal disorders. Gastroenterology 2006;130:1538-1551.

18. Chiarioni G, Heymen S, Whitehead WE. Biofeedback therapy for dyssynergic defecation. World Journal of Gastroenterology 2006;12:7069-74.

19. Whitehead WE. Comment from the editor: Diagnosing and managing fecal incontinence: If you don't ask, they won't tell. Gastroenterology 2005;129:6.

20. Palsson O, Whitehead WE. Co-morbidity associated with irritable bowel syndrome: Implications for clinical care. Psychiatric Annals 2005;34(4):320-328.

21. Whitehead WE. Comment from the editor: Is irritable bowel syndrome an inherited disorder? Asking the question right. Gastroenterology 2004;126:1655.

22. Palsson OS, Heymen S, Whitehead WE. Biofeedback treatment for functional anorectal disorders: A comprehensive efficacy review. Applied Psychophysiology and Biofeedback 2004;29:153-174.

23. Whitehead WE. Comment from the editors: Does irritable bowel syndrome really exist? Reactions to the proposed motility-based classification system. Gastroenterology 2003;124:598.

24. Whitehead WE. Is the irritable bowel syndrome a bacterial infection? Chinese Journal of Gastroenterology and Hepatology 2002;11(4).

25. Whitehead WE. Comment from the editors: Fecal incontinence: A neglected area of gastroenterology. Gastroenterology 2002;122:5.

26. Whitehead WE, Palsson O, Jones KR. Systematic Review of the Comorbidity of Irritable Bowel Syndrome with Other Disorders: What are the Causes and Implications? Gastroenterology 2002;122:1140-1156.

27. Palsson OS, Whitehead WE. Editorial: The growing case for hypnosis as adjunctive therapy for functional gastrointestinal disorders. Gastroenterology 2002;123:2132-2134.

28. Drossman DA, Camilleri M, Mayer EA, Whitehead WE. American Gastroenterological Association technical review on irritable bowel syndrome. Gastroenterology 2002;123:2105-2107.

29. Drossman DA, Camilleri M, Mayer EA, Whitehead WE. American Gastroenterological Association position statement on irritable bowel syndrome. Gastroenterology 2002;123:2108-2131.

30. Whitehead WE. The role of visceral hypersensitivity and altered gastrointestinal motility in the etiology of irritable bowel syndrome and functional dyspepsia. In Gastrointestinal Function: Regulation and Disturbances. Excerpta Medica, Japan/Elsevier Science K.K. 2000;18:3-24.

31. Whitehead WE. Patient subgroups that can be defined by symptom evaluation and physical examination. Am J Med 1999;107(5A):33S-40S.

32. Diamant NE, Kamm MA, Wald A, Whitehead WE. AGA technical review on anorectal testing techniques. Gastroenterology 1999;116:735-760.

33. Whitehead WE, Gibbs NA, Li Z, Drossman DA. Is functional dyspepsia just a subset of the irritable bowel syndrome? Balatiere Clin Gastroenterol 1998;12:443-461.

34. Drossman DA, Camilleri M, Whitehead WE. American Gastroenterological Association technical review on irritable bowel syndrome. Gastroenterology 1997;112:2120-2137.

35. Whitehead WE. Psychosocial aspects of functional gastrointestinal disorders. Gastroenterology Clinics of North America: Gastrointestinal Motility in Clinical 1996;25:21-34.

36. Whitehead WE. Functional anorectal disorders. Seminars in Gastrointestinal Disease 1996;7:230-236.

37. Whitehead WE, Drossman DA. Biofeedback for disorders of elimination: Fecal incontinence and pelvic floor dyssynergia. Professional Psychology: Research & Practice 1996;27:234-240.

38. Farrugia G, Camilleri M, Whitehead WE. Therapeutic strategies for motility disorders: medications, nutrition, biofeedback, and hypnotherapy. Gastroenterology Clinics of North America: Gastrointestinal Motility in Clinical Practice 1996;25:225-246.

39. Drossman DA, Creed FH, Fava GA, Olden KW, Patrick DL, Toner BB, Whitehead WE. Psychosocial aspects of the functional gastrointestinal disorders. Gastroenterology International 1995;8:47-90.

40. Whitehead WE. The disturbed psyche and the irritable gut. European Journal of Gastroenterology & Hepatology 1994;6:483-8.

41. Whitehead WE. Assessing the effects of stress on physical symptoms. (Invited editorial). Health Psychology, Health Psychology 1994;13:99-102.

42. Whitehead WE. Biofeedback treatment of gastrointestinal disorders. Biofeedback and Self-Regulation, 1992, 17, 59-76.

43. Whitehead WE. Behavioral medicine approaches to gastrointestinal disorders. Journal of Consulting and Clinical Psychology, 1992, 60, 605-612.

44. Whitehead WE, Devroede G, Habib FI, Meunier P, Wald A. Report of an international workshop on functional disorders of the anorectum. Gastroenterology International, 1992, 5:92-108.

45. Bartolo DCC, Devroede G, Kamm MA, Keighley MRB, Kuijpers JHC, Lubowski DZ, Nicholls RJ, Pemberton JH, Read NW, Smith AN, Whitehead WE. Symposium on constipation. International Journal of Colorectal Disease, 1992, 7:47-67.

46. Whitehead WE, Chaussade S, Corazziari E, Kumar D. Report of an international workshop on management of constipation. Gastroenterology International, 1991, 4, 99-113.

47. Whitehead WE & Crowell MD. Psychological considerations in the irritable bowel syndrome. In: Friedman, G (Ed.), Gastroenterology Clinics of North America, W.B. Saunders, Philadelphia, Pennsylvania, 1991, 249-267.

48. Whitehead WE, Crowell MD, & Schuster MM. Functional disorders of the anus and rectum. Seminars in Gastrointestinal Disease, 1990, 1, 74-84.

49. Drossman DA, Thompson WG, Talley NJ, Funch-Jensen P, Janssens J, Whitehead WE. Identification of subgroups of functional gastrointestinal disorders. Gastroenterology International, 1990, 3, 159-172.

50. Enck P, Holtkotter B, Whitehead WE, Schuster MM, & Wienbeck M. Klinische symptomatik, psychopathologie und darmmotilitat bei patienten mit irritablem darm. Z Gastroenterol, 1989, 27, 357-361.

51. Enck P, Whitehead WE, Schuster MM, & Wienbeck M. Psychosomatik des reizdarms. Deutsche Medizinische Wochenschrift, 1988, 113, 459-462.

52. Whitehead WE & Schuster MM. Anorectal physiology and pathophysiology. American Journal of Gastroenterology, 1987, 82, 487-497.

53. Schuster MM & Whitehead WE. Physiologic insights into irritable bowel syndrome. Clinics in Gastroenterology, 1986, 15, 839-853.

54. Enck P & Whitehead WE. Lactase deficiency and lactose malabsorption. A review. Zeitschrift fur Gastroenterologie, 1986, 24, 125-134.

55. Whitehead WE & Bosmajian LS. Behavioral medicine approaches to gastrointestinal disorders. Journal of Consulting and Clinical Psychology, 1982, 50, 972-983.

56. Whitehead WE & Schuster MM. Behavioral approaches to the treatment of gastrointestinal motility disorders. Medical Clinics of North America, 1981, 65, 1397-1411.

57. Whitehead WE & Schuster MM. Psychological management of irritable bowel syndrome. Practical Gastroenterology, 1979, 3 (6), 32-43.

58. Whitehead WE. Biofeedback in the treatment of gastrointestinal disorders: Report of the Task Force to the Biofeedback Society of America. Biofeedback and Self-Regulation, 1978, 3, 375-384.

IN PRESS

1. Whitehead WE, Palsson OS. Behavioral treatment of fecal incontinence. In: David Mostofsky (Ed): Handbook of Behavioral Medicine. Chapter 39, Elsevier, in press.
2. Bliss DZ, Mellgren A, Whitehead WE, Chiarioni G, Emmanuel A, Santoro G, Zbar A, Peden-McAlpine C, Northwood M, Sliekerten-Hove M, Berghmans B, and Mimura T. Assessment and conservative management of faecal incontinence and quality of life in adults in Abrams P, Cardoso L, Khoury S, Wein A (Eds), Incontinence, (5th ed.). Arnheim, The Netherlands: ICUD-EAU Publishers In press (or 2013).
3. Robinson BL, Matthews CA, Palsson OS, Geller E, Turner M, Parnell B, Crane A, Jannelli M, Wells E, Connolly AM, Lin F-C, Whitehead WE. Obstetric sphincter injury interacts with diarrhea and urgency to increase the risk of fecal incontinence in women with IBS. Female Pelvic Medicine and Reconstructive Surgery, in press.
4. Whitehead WE, Palsson OS. Functional gastrointestinal disorders: The advantages of a combined medical and psychological approach. Journal of Psychosomatic Research 2003; in press.

MANUSCRIPTS CURRENTLY UNDER REVIEW

PUBLISHED ABSTRACTS

1. Palsson OS, Turner MJ, Heymen S, Weinland SR, Tucker J, Keck L, Whitehead WE. Developing a screening questionnaire for visceral hypersensitivity. Gastroenterology 2010; 138(5) (Suppl 1): S-144.
2. Palsson OS, Turner MJ, Baggish JS, Whitehead WE. Anticipating diarrhea: triggers, warnings, and prevention. Gastroenterology 2010: 138(5) (Suppl 1): S-382.

3. Kanazawa M, Palsson OS, van Tilburg MAL, Gangarosa LM, Fukudo S, Drossman DA, Whitehead WE. Motility response to colonic distention is increased in post-infectious irritable bowel syndrome (PI-IBS). Gastroenterology 2010; 138(5) (Suppl 1): S-91.

4. Heymen S, Palsson OS, Turner MJ, Tucker J, Palmer MH, Busby-Whitehead J, Whitehead WE. Residents at Continuing Care Residential Centers (CCRC) who consult with their doctors regarding the presence of fecal incontinence (FI) have lower quality of life (QOL). Gastroenterology 2010; 138(5) (Suppl 1): S-542.

5. Chiarioni G, Nardo A, Vantini I, Romito A, Whitehead WE. Randomized controlled trial comparing biofeedback, electrogalvanic stimulation, and massage for the treatment of levator ani syndrome. Gastroenterology 2010 Apr;138(4):1321-9 Epub 2010 Jan 4 PMID:20044997 [PubMed – indexed for MEDLINE]

6. Youssef NN, van Tilburg MAL, Matta EN, Langseder AL, Whitehead WE. Feasibility and Efficacy of Pilot Study Investigating a School Nurse Administered Guided Imagery Program for Childhood Functional Abdominal Pain. Gastroenterology, 2009;124(4), A156. Oral presentation.

7. Wong RK, Palsson OS, Turner MJ, Levy RL, Feld AD, Von Korff M, & Whitehead WE. Are Functional Constipation (FC) and Constipation Subtype Irritable Bowel Syndrome(IBS-C) Different Entities When Diagnosed By ROME III Criteria? Gastroenterology2009;136 (Suppl 1):M1224

8. Van Tilburg MAL, Turner MJ, Palsson OS, Kanazawa M, Whitehead WE. Reduced Symptoms and Visceral Sensitivity is Related to Menstrual Cycle Changes in IBS.Gastroenterology 2009;136 (Suppl 1):1056.

9. Van Tilburg MA, Turner MJ, Palsson OS, Kanazawa M, Whitehead WE. Reduced Symptoms and Visceral Sensitivity is Related to Menstrual Cycle Changes in IBS. Gastroenterology 2009;136 (Suppl 1):1056.

10. Palsson OS, Turner MJ, Levy RL, Feld AD, Von Korff M, Whitehead WE. TheROME III Functional Constipation Criteria Miss 80% of Clinical Constipation Cases.Gastroenterology 2009;136 (Suppl 1):M1233

11. Palsson OS, Turner MJ, JS & Whitehead WE. Defining Episodes of Diarrhea In Irritable Bowel Syndrome (IBS). Gastroenterology 2009;136 (Suppl 1):M1206

12. Palsson OS, Turner MJ, Baggish JS, Whitehead WE. Fluctuations in stool consistency in irritable bowel syndrome (IBS): 2009 Presidential Poster. American Journal of Gastroenterology 2009;104 (Suppl S3):1311.

13. Palsson OS, Turner MJ, Baggish JS, Whitehead WE. Characterizing Diarrhea inIrritable Bowel Syndrome (IBS). Gastroenterology 2009; 136 (Suppl 1):M1223.

14. Nyrop KA, Grover M, Busby-Whitehead J, Palsson OS, Heymen S, Palmer MH, Goode PS, Turner M, Whitehead WE (2009). Physician attributes that influence the decision to refer a patient with fecal incontinence to a nursing home. J Am Geriatric Soc 2009; 57(Suppl 1):S48.

15. Kanazawa M, Tana C, Watanabe S, Palsson OS, Whitehead WE & Fukudo S. HighHigh-Sensitive C-Reactive Protein May Be One of Blood Biomarkers for VisceralHypersensitivity in Irritable Bowel Syndrom (IBS). Gastroenterology 2009;136 (Suppl 1):M1692.

16. Kanazawa M, Palsson, OS, Van Tilburg MA, Turner, MJ, Thiwan SIM, GangarosaLM, Chitakara DK, Fukudo S, Drossman DA, Whitehead WE. A History of Sexual AbuseAnd

Catastrophizing Have An Impact On IBS Symptom Severity That Is Unrelated toPsychological Distress. Gastorenterology 2009;136 (Suppl 1):763

17. Hill CE, Palsson OS, Kanazawa M, Turner MJ, Whitehead WE. IBS Patients Show Parasympathetic Dominance in Heart Rate Variability Compared to Healthy Controls. Gastorenterology 2009;136 (Suppl 1):M1213.

18. Heymen S, Palsson O, Turner M, Tucker J, Palmer M, Busby-Whitehead J, Whitehead WE, Residents at Continuing Care Residential Centers (CCRC) Do Not Disclose Fecal Incontinence (FI) to their Physicians. Neurogastroenterology and Motility, 2009:21:S1, 36.

19. Grover M, Busby-Whitehead J, Palmer MH, Heymen S, Palsson OS, Goode PS,Turner MJ & Whitehead WE. Survey of Geriatricians on the Impact of Fecal Incontinence on Nursing Home Referral. Gastroenterology 2009;136 (Suppl 1):M1236

20. Busby-Whitehead J, Grover M, Palmer MH, Heymen S, Palsson OS, Goode PS, Turner M, Whitehead WE (2009). Social circumstances influence the decision to refer an elderly patient with fecal incontinence to a nursing home. J Am Geriatric Soc 2009;57(Suppl 1):S48.

21. Youssef NN, Langer S, Christie DL, Walker LS, Romano J, Feld AD, Ballard SA, Whitehead WE, Levy RL. Parental Employment and Marital Status: Indicators of Coping Style in Childhood Recurrent Abdominal Pain. Gastroenterology 2008;134(4)Suppl 1:A187.

22. Whitehead WE. National Health and Nutrition Examination Survey (NHANES) of Stool Frequency and Consistency in U.S. Adults. Gastroenterology 2008;134(4)Suppl 1:A419.

23. Whitehead WE. National Health and Nutrition Examination Survey (NHANES) of Fecal Incontinence: Prevalence by Sex, Age, Race, Marital Status, Education, and Income. Gastroenterology 2008;134(4)Suppl 1:A282.

24. Whitehead WE. National Health and Nutrition Examination Survey (NHANES): Association of Usual Stool Consistency and Frequency with Fecal Incontinence. Gastroenterology 2008;134(4)Suppl 1:A279.

25. Whitehead WE. National Health and Nutrition Examination Survey (NHANES) of Fecal Incontinence: Characteristics of Incontinent Stools. Gastroenterology 2008;134(4) (Suppl 1):A279-80.

26. Whitehead WE. Genetic Markers Associated with the Diagnosis of IBS and Subtypes of IBS. Clinical Symposium presented at the annual meeting of the American Gastroenterological Association. San Diego, May 18, 2008.

27. Ringel Y, Ringel A, Palsson OS, Kanazawa M, Whitehead WE. Meal Induced Symptoms in Patients with Irritable Bowel Syndrome – Clinical and Physiological Characteristics. Gastroenterology 2008;134(4)Suppl 1:A681.

28. Ringel Y, Palsson OS, Leyer G, Causey S, Yeskel SE, Faber SM, Ringel-Kulka T. Probiotic bacteria *Lactobacillus Acidophilus Ncfm* and *Bifidobacterium Lactis Bi07* improve symptoms of bloating in patients with functional bowel disorders (FBD). Gastroenterology 2008;134(4)Suppl 1:A549.

29. Palsson OS, Van Tilburg MA, Kanazawa M, Chitkara DK, Gangarosa LM, Drossman DA, Whitehead WE. Persistence of the Rome Diagnostic Symptoms for Irritable Bowel Syndrome. Gastroenterology 2008;134(4)Suppl 1:A421-22.

30. Palsson OS, Turner MJ, Levy RL, Feld AD, Von Korff M, Drossman DA, Whitehead WE. The ROME III Questionnaire Functional Constipation Module as a Constipation Severity Scale. Gastroenterology 2008;134(4)Suppl 1:A421.

31. Palsson OS, Naliboff BD, Turner MJ, Levy RL, Feld AD, Von Korff M, Whitehead WE. Both Bowel Symptom Severity and Visceral Anxiety are Major Determinants of the Quality of Life Impact of Constipation. Gastroenterology 2008;134(4)Suppl 1:A416.

32. Nguyen TV, Palsson OS, Von Korff M, Feld AD, Levy RL, Turner MJ, Whitehead WE. Health Care Costs and Utilization in Patients with Chronic Constipation. Gastroenterology 2008;134(4)Suppl 1:A280.

33. Langer S, Walker LS, Baber KF, Whitehead WE, Romano J, Christie DL, Youssef NN, Ballard SA, Young M, Coffey MJ, Brenner S, Garner L, Levy RL. Gastrointestinal symptoms that differentiate pediatric FD from IBS. Gastroenterology 2008;134(4)Suppl 1:A418-419.

34. Heymen S, Scarlett Y, Whitehead WE. Twelve Month Follow-up for Patients with Fecal Incontinence Reporting Adequate Relief after a 4-week Education and Medical Management Run-in Intervention. Gastroenterology 2008;134(4)Suppl 1:A278-79.

35. Heymen S, Scarlett Y, Whitehead WE. Twelve Month Follow-up for Patients with Pelvic Floor Dyssynergia-Type Constipation (PFD) Reporting Adequate Relief after a 4-week Education and Medical Management Run-in Intervention. Gastroenterology 2008;134(4)Suppl 1:A279.

36. Heymen S, Scarlet Y, Whitehead WE. Twelve-month Follow-up of Randomized Controlled Trial (RCT) comparing Biofeedback to Alternative Treatments for Patients with Pelvic Floor Dyssynergia-Type Constipation (PFD). Gastroenterology 2008;134(4)Suppl 1:A65-66.

37. Heymen S, Palsson OS, Von Korff M, Levy RL, Turner MJ, Whitehead WE. Health Care Costs Associated with Fecal Incontinence. Gastroenterology 2008;134(4)Suppl 1:A279.

38. Heymen S, Maixner W, Whitehead WE, Klatzkin RR, Mechlin B, Light KC. Diffuse Noxious Inhibitory Controls (DNIC) are Compromised in Patients with Irritable Bowel Syndrome Compared to Healthy Controls. Gastroenterology 2008;134(4)Suppl 1:A562.

39. Grover M, Kanazawa M, Chitkara DK, Gangarosa LM, Palsson OS, Drossman DA, Turner MJ, Whitehead WE. Small Intestinal Bacterial Overgrowth in Irritable Bowel Syndrome: Association with Colon Motility, Bowel Symptoms, and Psychological Distress. Gastroenterology 2008;134(4)Suppl 1:A680.

40. Chitkara DK, Talley NJ, Shah N, Weaver A, Katusic S, van Tilburg MAL, Whitehead WE, Locke GR. Direct Medical Costs Associated with Constipation from Childhood to Early Adulthood: A Birth Cohort Study. Gastroenterology 2008;134(4)Suppl 1:A114.

41. Chitkara DK, Morris CB, Hu YJ, Toner BB, Diamant NE, Leserman J, Dalton CB, Bangdiwala I, Whitehead WE, Drossman DA. The Relative Effects of Clinical and

Psychosocial Factors on Health Care Utilization and Disability in Women with Functional Bowel Disorders. Gastroenterology 2008;134(4)Suppl 1:A417.

42. Whitehead WE, Palsson OS, Kanazawa M, Gangarosa LM, Thiwan SIM, Drossman DA, Van Tilburg MAL, Chitkara DK, Dorn SD, Ringel Y, Turner MJ, Cluster Analysis Evidence that Irritable Bowel Syndrome is not a Single Disorder but a Collection of Distinct Syndromes. Gastroenterology 2007;132 (4):A148.

43. Weinland SR, Dorn SD, Morris CB, Hu Y, Dalton CB, Toner BB, Diamant N, Whitehead WE, Bangdiwala SI, Drossman DA. Antecedent Event-Specific Associations for Diarrhea and Constipation with Functional Bowel Disorder. Gastroenterology 2007;132 (4):A677.

44. Van Tilburg MAL, Palsson OS, Turner MJ, Chitkara DK, Ulshen M, Whitehead WE. Self Administered Guided Imagery Used at Home is an Effective Treatment for Functional Abdominal Pain in Children. Gastroenterology 2007;132 (4):A59.

45. Van Tilburg MAL, Chitkara DK, Zolotor A, Graham JC, Dubowitz H, Litrownik A, Flaherty E, Whitehead WE, Runyan D. Childhood Abuse and Neglect Predicts Subsequent Gastrointestinal Symptoms in Children: A prospective study. Gastroenterology 2007;132 (4):A326.

46. Palsson OS, Van Tilburg MAL, Levy RL, Turner MJ, Chitkara DK, Gangarosa LM, Kanazawa M, Whitehead WE. Excess Medical Diagnoses in Families of Irritable Bowel Syndrome (IBS) Patients. Gastroenterology 2007;132 (4):A520.

47. Palsson OS, Turner, MJ, Levy, Feld AD, Von Korff, M, Whitehead, WE. Prevalence and Predictors of Non-Consulting for Chronic Constipation. American Journal of Gastroenterology 2007; 102 Suppl 2: S512.

48. Palsson OS, Ringel Y, Van Tilburg MAL, Gangarosa LM, Turner MJ, Kanazawa M, Thiwan SIM, Drossman DA, Whitehead WE. Impact of Fecal Incontinence on Irritable Bowel Syndrome. Gastroenterology 2007;132 (4):A678.

49. Palsson OS, Kanazawa M, Van Tilburg MAL, Thiwan SIM, Ringel Y, Dorn SD, Gangarosa LM, Turner MJ, Drossman DA. Whitehead WE. Determinants of Irritable Bowel Syndrome Severity. Gastroenterology 2007;132 (4):A677-678..

50. Nguyen T, Palsson OS, Von Korff M, Feld AD, Levy R, Turner M, Whitehead WE. Satisfaction with Laxatives in Chronic Constipation and Irritable Bowel with Constipation. American Journal of Gastroenterology 2007; 102 Suppl 2: S516-17.

51. Levy RL, Langer SL, Christie D, Whitehead WE, Walker LS, Romano J, Youssef N, Garner L, Young M, Dupen M, Feld A. Family-based intervention for children with inflammatory bowel disease: A pilot study. Gastroenterology 2007;132 (4):A444.

52. Kanazawa M, Palsson OS, Thiwan SIM, Turner MJ, Van Tilburg MAL, Fukudo S, Drossman DA, Whitehead WE. Differences in Visceral Hypersensitivity and Hypercontractivity to Intraluminal Distention between Subtypes of Bowel Movement in Irritable Bowel Syndrome (IBS). Gastroenterology 2007;132 (4):A458-459..

53. Kanazawa M, Palsson OS, Shinozaki M, Sagami Y, Endo Y, Shoji T, Hongo M, Whitehead WE, Fukudo S. Comparison of Comorbidity in Japanese and U.S. Patients with Irritable Bowel Syndrome. Gastroenterology 2007;132 (4):A680-681.

54. Heymen S, Scarlett YV, Jones KR, Ringel Y, Drossman DA, Whitehead WE. Randomized Controlled Trial Shows Biofeedback to be Superior to Alternative Treatments for Patients with Fecal Incontinence. Gastroenterology 2007;132 (4):A83.

55. Dorn SD, Morris CB, Weinland SR, Hu Y, Toner BB, Diamant N, Whitehead WE, Bangdiwala SI, Drossman DA. Lack of Agreement for Irritable Bowel Syndrome Subtypes for Rome III Between Retrospective Questionnaire and Prospective Diary Cards. Gastroenterology 2007;132(4):A681.

56. Chitkara DK, Talley N, Shah N; Van Houten H, Weaver A, Van Tilburg MAL, Katusic S, Whitehead WE, Locke GR. Longitudinal Direct Medical Costs Associated with Constipation in Women. Gastroenterology 2007;132 (4):A167.

57. Whitehead WE. Fecal incontinence following obstetrical anal sphincter laceration is associated with frequent loose stools. Neurogastroenterology & Motility 2006;18(8): 680.

58. Whitehead WE, Palsson OS, Thiwan SIM, Keku TO, Kanazawa M, Fukudo S, van Tilburg MAL, Peacock J, Barnes J, Turner MJ. Short-allele serotonin transporter gene polymorphism is associated with elevated serotonin and is less common in IBS with constipation compared to healthy controls. Gastroenterology 2006;130(4), Suppl.2: A-513.

59. Van Tilburg MAL, Palsson OS, Whitehead WE. Somatization trait and somatization disorder have different impacts on IBS. Gastroenterology 2006;130(4), Suppl.2: A-503.

60. Van Tilburg MAL, Palsson OS, Chitkara DK, Whitehead WE. Medical consultation for children's chronic stomachaches is related to a belief that the symptoms have a physical cause but is not related to anxiety about serious missed diagnosis. Gastroenterology 2006;130(4), Suppl.2: A-501.

61. Thiwan SIM, Palsson OS, Turner MJ, Whitehead WE. Subjective bloating is not correlated with intestinal gas production but is weakly correlated with abdominal distention. Gastroenterology 2006;130(4), Suppl.2: A-506.

62. Thiwan SIM, Palsson OS, Turner MJ, Whitehead WE. Lactose malabsorption, small bowel bacterial overgrowth and celiac disease in IBS patients. Gastroenterology 2006;130(4), Suppl.2: A-506.

63. Thiwan SIM, Palsson OS, Turner MJ, Whitehead WE. Elevated breath methane in constipation. Gastroenterology 2006;130(4), Suppl.2: A-509.

64. Langer SL, Whitehead WE, Walker LS, McDonald SJ, Levy RL. Effects of family size, child gender, and maternal IBS on child gastrointestinal symptoms. American Journal of Gastroenterology 2006;101(9), Suppl.:S475.

65. Kanazawa M, Palsson OS, Thiwan SIM, Turner MJ, van Tilburg M, Crowell MD, Fukudo S, Drossman DA, Whitehead WE. Irritable bowel syndrome (IBS) patients show hyper-reactive motility responses to intraluminal distention which are unrelated to pain hypersensitivity. Gastroenterology 2006, 130(4), Suppl.2;A-290.

66. Heymen S, van Tilburg M, Thiwan S, Whitehead WE. Utility of a modified Sitzmark study for random or serial measurement of whole gut/colonic transit times. Neurogastroenterology & Motiility 2006;18(8):729-730.

67. Heymen S, van Tilburg M, Thiwan S, Palsson O, Young SL, Whitehead WE. Exacerbation of irritable bowel syndrome symptoms during menses is associated with increased prostaglandin (PGE2) levels. Neurogastroenterology & Motility 2006;18(8): 674.

68. Dorn SD, Palsson OS, Thiwan SIM, Kanazawa M, Clark WC, van Tilburg MAL, Drossman DA, Scarlett Y, Levy RL, Ringel Y, Crowell MD, Olden KW, Whitehead WE. Increased colonic sensitivity in irritable bowel syndrome is the result of increased perceptual response bias rather than increased perceptual sensitivity. Gastroenterology 2006;128(4), Suppl 2: A-443.

69. Chitkara DK, Talley NJ, Weaver A, van Tilburg MAL, Katusic S, Locke GR, Rucker MJ, Whitehead WE. Abdominal pain of unknown origin: Does early childhood pain or female gender influence adult presentation? American Journal of Gastroenterology 2006: 101(9), Suppl.:S544.

70. Chitkara D, Talley N, Weaver A, van Tilburg M, Katusic S, Locke G, Rucker M, Whitehead W. The influence of maternal functional bowel disorders on childhood abdominal pain and somatic and psychological comorbidity. Neurogastroenterology & Motility 2006;18(8):749-750.

71. Whitehead WE, Palsson OS, Levy RL, Von Korff M, Feld AD, Turner MJ. Symptoms of constipation that predict dissatisfaction with bowel habits. World Congress 2005.

72. Whitehead WE, Palsson OS, Levy RL, Von Korff M, Feld AD, Drossman DA, Turner MJ. Sensitivity and specificity of red flags for identifying gastrointestinal cancer, IBD, or malabsorption in patients with a functional gastrointestinal disorder (FGID). Gastroenterology 2005;128(Suppl 2):A462.

73. Whitehead WE, Palsson OS, Levy RL, von Korff M, Feld AD, Drossman DA, Turner MJ. Serious misclassifications (gastrointestinal cancer, IBD, or malabsorption) are infrequent in patients with a clinical diagnosis of IBS. Gastroenterology 2005; 128(Suppl 2):A463.

74. Van Tilburg, M.A.L., Palsson, O.S., Levy, R.L., Whitehead, W.E. (2005). Parental Worries about Recurrent Abdominal Pain. Journal of Pediatric Gastroenterology and Nutrition, 41 (suppl1), S79.

75. Thiwan S, Palsson OS, Turner MJ, Whitehead WE. What is the optimal response scale on a questionnaire to elicit the subject's responses to the ROME II criteria for IBS? Gastroenterology 2005;128(Suppl 2):A461.

76. Thiwan S, Palsson OS, Turner MJ, Whitehead WE. Responsiveness of the bloating severity Questionnaire (BLSQ). Gastroenterology 2005;128:A462.

77. Palsson OS, Levy RL, Von Korff M, Feld AD, Barghout V, Turner MJ, Whitehead WE. Over the–counter (OTC) and complementary /alternative medicine (CAM) expenses of irritable bowel syndrome (IBS) patients. Gastroenterology 2005;128(Suppl 2):A461.

78. Palsson OS, Levy RL, Feld AD, Von Korff M, Turner MJ, Whitehead WE. Patient characteristics determining clinical diagnosis of constipation-predominant IBS (IBS-C) vs chronic constipation (CC)? American Journal of Gastroenterology 2005;100(10) Suppl., S338.

79. Palsson OS, Levy RL, Feld AD, Von Korff M, Turner MJ, Whitehead WE. Which medications and food supplements are associated with bloating in patients with functional bowel disorders? American Journal of Gastroenterology 2005; 100(10) Suppl., S338-339.

80. Palsson OS, Levy RL, Feld AD, Von Korff M, Turner MJ, Drossman DA, Whitehead WE. Which symptoms predict satisfaction with treatment and improved quality of life in irritable bowel syndrome? American Journal of Gastroenterology 2005;100(10) Suppl., S338.

81. Palsson OS, Levy RL, Feld AD, Von Korff M, Turner MJ, Drossman DA, Whitehead WE. Why do irritable bowel syndrome patients take multiple drugs and what are the associated costs? American Journal of Gastroenterology 2005; 100(10) Suppl., S337.

82. Palsson OS, Levy RL, Feld AD, Von Korff M, Drossman DA, Turner MJ, Whitehead WE. Do comorbid dyspepsia and reflux symptoms affect morbidity, utilization, and outcome in irritable bowel syndrome? American Journal of Gastroenterology 2005; 100(10) Suppl., S338.

83. Langer SL, McDonald S, Walker LS, Whitehead WE, Feld L, Levy RL. Birth order and maternal IBS status after parental response to GI symptoms. The American Journal of Gastroenterolog 2005, 100 (10), Supplement 1, S374.

84. Kanazawa M, Drossman DA, Shinozaki M, Sagami Y, Endo Y, Palsson OS, Hongo M, Whitehead WE. Translation and validation of a Japanese version of the Irritable Bowel Syndrome-Quality of Life Measure (IBS-QOL-J). The American Journal of Gastroenterology 2005, 100 (10), Supplement 1, S334.

85. Heymen, S., Scarlett, Y., Jones, K., Ringel, Y., Drossman, D.A., & Whitehead, W.E. (2005). Randomized controlled trial (RCT) shows biofeedback to be superior to alternative treatments for patients with pelvic floor dyssynergia-type constipation (PFD). The American Journal of Gastroenterology 2005, 100 (10), Supplement 1, S335.

86. Whitehead, W.E., Palsson, O.S., Levy, R.L., Feld, A.D., Von Korff M, Turner M.J., Drossman, D.A., & Crowell, M.D. Identification of irritable bowel (IBS) patients with alternating bowel habits. Gastroenterology 2004;126(Suppl 2):A-369.

87. Whitehead, W.E., Palsson, O.S., Levy, R.L., Feld A. D., Von Korff, M, Shetzline, M., Turner, M.J. Types of medications used for irritable bowel syndrome (IBS): outcomes, patient satisfaction and side effects. Gastroenterology 2004;126(Suppl 2):A-642.

88. Whitehead, W.E., Levy R.L., Von Korff, M., Feld, A.D., Palsson, O.S. Workup for first-time consulters costs less than continuing care for IBS. American Journal of Gastroenterology 2004;99(10) Suppl:S239.

89. Whitehead, W.E., Levy R.L., Von Korff, M., Feld, A.D., Kahler, K., Barghout, V. & Palsson, O.S. Relationship between satisfaction with treatment outcome and cost in IBS patients. American Journal of Gastroenterology 2004;99(10) Suppl:S239.

90. Whitehead WE, Palsson OS, Levy RL, Feld AD, Von Korff M, Turner MJ. “Satisfactory relief” is an unsatisfactory method of defining an irritable bowel syndrome (IBS) treatment responder. Gastroenterology 2004;124(Suppl 2):A-88.

91. Whitehead WE, Palsson OS, Levy RL, Feld AD, Von Korff M, Turner MJ, Drossman DA. Psychological symptoms do not predict symptom improvement in standard medical care for irritable bowel syndrome (IBS). Gastroenterology 2004;124(Suppl 2):A-88.

92. Palsson, O.S., Whitehead, W.E., Levy, R.L., Feld, A.D., Dennis, E.H., Barghout, V.E. & Turner, M.J. Constipation is often undiagnosed or misdiagnosed in outpatient clinics: diagnosis of constipation is associated with better outcomes. Gastroenterology 2004;126(Suppl 2):A-606.

93. Palsson OS, Whitehead WE, Levy RL, Feld AD, Von Korff M, Turner MJ. Constipation less effectively treated than other functional bowel problems in a health maintenance organization (HMO). American Journal of Gastroenterology 2004;99(10) Suppl:S287.

94. Whitehead, W.E., van Tilburg, M.A.L., Palsson, O.S. Development of the parental worries of recurrent abdominal pain questionnaire. Am J Gastroenterol 2003;98:S273.

95. Whitehead, W.E., Palsson, O.S., Von Korff, M., Levy R.L., Feld A.D., Turner, M.J. Excess comorbidity in irritable bowel syndrome is related to hypervigilance. Gastroenterology 2003;124 (Suppl 1): A394.

96. Whitehead, W.E., Palsson, O.S., Levy, R.L., Von Korff, M., Feld, A.D., Garner, M. What constitutes standard medical care for irritable bowel syndrome (IBS) in U.S. primary care and gastroenterology clinics? Am J Gastroenterol 2003;98:S272-S273.

97. Whitehead, W.E., Palsson, O.S., Levy R.L., Von Korff, M., Feld, A.D., Turner, M.J. Comorbid psychiatric disorders in irritable bowel (IBS) and inflammatory bowel disease (IBD). Gastroenterology 2003;124 (Suppl 1): A398.

98. Whitehead, W.E., Palsson, O.S., Levy R.L., Feld A.D., Von Korff, M., Drossman, D.A. & Turner, M.J. Agreement of Rome criteria with clinical diagnosis of irritable bowel (IBS). Gastroenterology 2003;124 (Suppl 1): A397.

99. Whitehead, W.E., Palsson, O.S., Barghout, V.E., & Turner, M.J. Mechanism of diagnosis and frequency of endoscopy in functional dyspepsia. Am J Gastroenterol 2003;98:S303-S304.

100. Walker, L.S., Levy, R.L., Feld, A., Von Korff, M, Christie, D., Whitehead, W. Age and gender effects on pediatric gastrointestinal symptoms. Gastroenterology 2003;124 (Suppl 1): A14.

101. Van Tilburg, M.A.L., Venepalli, N.K., Ulshen, M., Freeman, K.L., Levy, R.L., Whitehead, W.E. Parents' fears and worries about recurrent abdominal pain. Gastroenterology 2003;124 (Suppl 1): A528.

102. Ringel, Y., Drossman, D.A., Leserman, J., Lin, W., Liu, H., Vogt, B.A., Whitehead, W.E. IBS diagnosis and a history of abuse have synergistic effects on the perigenual cingulate activation in response to rectal distention. Gastroenterology 2003;124 (Suppl 1): A531.

103. Ringel, Y., Drossman, D.A., Leserman, J., Lin, W., Liu, H., Vogt, B.A., Whitehead, W.E. Association of anterior cingulate cortex (ACC) activation with psychosocial distress and pain reports. Gastroenterology 2003;124 (Suppl 1): A97.

104. Palsson, O.S., Whitehead, W.E., Barghout, V., Levy R.L., Feld, A.D., Von Korff, M., Garner M., Drossman, D.A., & Turner, M.J. IBS severity and health-related quality of life improve with age in women but not in men. Am J Gastroenterol 2003;98:S272.

105. Palsson, O.S., Whitehead, W.E., & Turner, M.J. Hypnosis home treatment for irritable bowel syndrome: Exploratory study. Am J Gastroenterol 2003;98:S274.

106. Palsson, O.S., Turner, M.J., van Tilburg M.A.L., Kanasawa M., Whitehead, W.E. Survey of the effects of changes in female sex hormones on irritable bowel syndrome. Gastroenterology 2003;124 (Suppl 1): A396.

107. Palsson, O.S., Levy R.L.., Von Korff, M., Feld A., Turner M.J., & Whitehead, W.E. Comorbidity and psychological distress in irritable bowel syndrome (IBS). Gastroenterology 2003;124 (Suppl 1): A388.

108. Palsson, O.S., Levy R.L., Von Korff, M., Feld A.D., Turner M.J., Whitehead., W.E. Alternative medicine and home remedy use in irritable bowel syndrome (IBS) is related to bloating and diarrhea. Gastroenterology 2003;124 (Suppl 1): A391.

109. Palsson, O.S., Feld, A.D., Levy, R.L., Von Korff, M., Barghout, V.E., Turner, M.J., Whitehead, W.E. Comparison of irritable bowel syndrome (IBS) patients in gastroenterology and primary care clinics. Gastroenterology 2003;124 (Suppl 1): A14.

110. Levy, R.L., Whitehead, W.E., Walker, L.S., Garner, M.D., Von Korff, M., Christie, D.L., Feld, K.A. Beliefs and coping strategies for GI symptoms: What do children learn from their parents? Gastroenterology 2003;124 (Suppl 1): A96.

111. Levy, R.L., Whitehead, W.E., Walker, L.S., Garner, M.D., Christie, D.L., Vonkorff, M., Feld, K.A. Multiple children within a family: Similar response to GI symptoms. Gastroenterology 2003;124 (Suppl 1): A528.

112. Levy, R.L., Garner, M.D., Christie, D.L., Whitsett, S.F., Whitehead, W.E., Walker, L.S., Feld, A.D. Changes in childhood recurrent abdominal pain and parental responses with cognitive behavior therapy. Gastroenterology 2003;124 (Suppl 1): A530.

113. Kanazawa, M., Endo, Y., Whitehead, W.E., Kano, M., Satake, M., Nomura, T., Hongo, M., Fukudo, S. Patients and non-consulters with irritable bowel syndrome (IBS) are more likely than subjects without IBS to report that their parents had a history of bowel problems. Gastroenterology 2003;124 (Suppl 1): A530.

114. Heymen, S., Whitehead, W.E., & Scarlett, Y. Elevated Beck Depression Inventory (BDI) scores predict biofeedback treatment failure for fecal incontinence and constipation. Gastroenterology 2003;124 (Suppl 1): A685.

115. Halpert, A.D., Dalton, C.B., Diamant, N., Toner, B., Hu, Y., Morris, C., Bangdiwala, S., Whitehead, W, Drossman, D. Is clinical response to tricyclic antidepressants in functional bowel disorders related to dosage? Gastroenterology 2003;124 (Suppl 1): A223.

116. Garner, M.D., Levy, R.L., Whitehead, W.E., Walker, L.S., Feld, A.D., Christie, D.L., Von Korff, M. Measuring the impact of gastrointestinal illness on school attendance. Gastroenterology 2003;124 (Suppl 1): A532.

117. Garner, M.D., Levy, R.L., Whitehead, W.E., Walker, L.S., Feld, A.D., Christie, D.L., Von Korff, M. Measuring the impact of gastrointestinal illness on school attendance. Gastroenterology 2003;124 (Suppl 1): A532.

118. Feld A.D., Von Korff, M., Levy R. L.., Palsson, O.S., Turner M.J., Whitehead, W. E. Excess surgery in irritable bowel syndrome (IBS). Gastroenterology 2003;124 (Suppl 1): A388.

119. Drossman, D.A., Toner, B., Whitehead, W.E., Diamant, N., Dalton, C., Emmott, S., Proffitt, V., Akman, D., Frusciante, K., Meyer, K., Blackman, C., Hu, Y., Jia, H., Li, Z., Morris, C., Koch, G., Bangdiwala, S. A multi-center randomized trial of desipramine (DES) vs. placebo (PLA) in moderate to severe functional bowel disorder (FBD). Gastroenterology 2003;124 (Suppl 1): A30.

120. Drossman, D.A., Diamant, N., Toner, B., Whitehead, W., Dalton, C., Duncan, S., Akman, D., Frusciante, K., Meyer, K., Blackman, C., Hu, Y., Jia, H., Li, Z., Morris, C., Koch, G., Bangdiwala, S. A multi-center randomized trial of cognitive-behavioral treatment (CBT) vs. education (EDU) in moderate to severe functional bowel disorder (FBD). Gastroenterology 2003;124 (Suppl 1): A530.

121. Crowell MD, Schettler VA, Lacey BE, Jones MP, Olden KW, Whitehead WE. Impact of somatization on gastrointestinal (GI) and extra-intestinal comorbidities in IBS. Am J Gastroenterol 2003;98:S71-S72.

122. Whitehead, W.E., Palsson, O.S., Jones, K.R., Turner, M.J., Drossman, D.A. Role of parental modeling in somatization of adults with irritable bowel syndrome (IBS). Gastroenterology 2002;122(Suppl):A-502.

123. Ringel, Y., Drossman, D.A., Liu, H., Lin, W., Smith, J.K., Keeter, L., An, H., Vogt, B., Leserman, J., Whitehead, W. fMRI of cingulated (ACC) activation to painful rectal distension in IBS and sexual/physical abuse. Gastroenterology 2002;122(Suppl):A-311.

124. Ringel, Y., Drossman, D.A., Liu, H., Lin, W., Smith, J.K., Keeter, L., An, H., Vogt, B., Leserman, J., Whitehead, W. Anterior shift of cingulated activity with painful rectal distension in subjects with sexual/physical abuse. Gastroenterology 2002;122(Suppl):A-311.

125. Palsson, O.S., Jones, K.R., Turner, M.J., Drossman, D.A., Whitehead, W.E. Impact of somatization and comorbid medical conditions on health care utilization, disability, and quality of life in irritable bowel syndrome (IBS). Gastroenterology 2002;122(Suppl):A-501.

126. Palsson, O.S., Jones, K.R., Turner, M.J., Drossman, D.A., Whitehead, W.E. Development of specific questionnaires to assess somatization and comorbid diagnoses in irritable bowel syndrome (IBS). Gastroenterology 2002;122(Suppl):A-502.

127. Levy, R.L., Whitehead, W.E., Walker, L.S., Feld, A.D., Vonkorff, M., Garner, M.D. Children of women with irritable bowel syndrome (IBS): Evidence for more GI illness behavior. Gastroenterology 2002; 122(4): A-501.

128. Levy RL, Whitehead WE, Walker LS, Feld AD, VonKorff M, Garner MD. How is illness behavior transmitted between parents with irritable bowel syndrome (IBS) and their children? Gastroenterology 2002;122(Suppl):A78.

129. Jones, M., Coulie, B., Revicki, D.A., Stewart, W., Whitehead, W.E. Combined factor and cluster analysis to identify subgroups with functional gastrointestinal disorders. Gastroenterology 2002;122(Suppl):A-571.

130. Chiarioni, G., Salandini, L., Whitehead, W.E. Biofeedback benefits only patients with outlet dysfunction, not patients with isolated slow transit constipation. Gastroenterology 2002; 122(4): A-69.

131. Whitehead WE, Levy RL, Walker LS, VonKorff M, Lonczak HS, Bradshaw BH, Feld AD. Children's gastrointestinal complaints and family size. Gastroenterology 2001;120(Suppl 1): A640.

132. Ringel Y, Whitehead WE, Hu YJB, Jia H, Bangdiwala SI, Drossman DA. Rectal pain thresholds are higher, not lower in IBS patients with history of sexual/physical abuse. Gastroenterology 2001;120(Suppl 1): A638.

133. Ringel Y, Drossman DA, Turkington TG, Bradshaw BH, Coleman RE, Derbyshire SW, Whitehead WE. Alterations in regional decreased cerebral blood flow in patients with irritable bowel syndrome – A PET imaging study. Gastroenterology 2001;120(Suppl 1): A637.

134. Ringel Y, Drossman DA, Shaheen NJ, Keeter LE, Jones KR, Burnett CK, Whitehead WE. Esophageal muscle tone predicts esophageal sensation: A barostat study in patients with functional esophageal disorders and healthy controls. Gastroenterology 2001;120(Suppl 1): A220.

135. Palsson OS, Turner MJ, Davies MJ, Whitehead WE. Vasoactive intestinal peptide levels are elevated in the blood plasma of irritable bowel syndrome (IBS) patients. Gastroenterology 2001;120(Suppl 1): A718-719.

136. Levy RL, Whitehead WE, Lonczak HS, Walker LS, VonKorff M, Bradshaw BH, Feld AD. Family stress and behavior problems are associated with more gastrointestinal symptoms and school absences. Gastroenterology 2001;120(Suppl 1): A639-640.

137. Levy RL, Whitehead WE, Feld AD, Longstreth GF, Palsson OS, Jones KR. Psychological symptoms correlate with abdominal pain more in females than in males. Gastroenterology 2001;120(Suppl 1): A639.

138. Jones KR, Palsson OS, Levy RL, Feld AD, Longstreth GF, Bradshaw BH, Drossman DA, Whitehead WE. Comorbid disorders and symptoms in irritable bowel syndrome (IBS) compared to other gastroenterology patients. Gastroenterology 2001;120(Suppl 1): A66.

139. Jones KR, Palsson OS, Levy RL, Feld AD, Longstreth GF, Bradshaw BH, Drossman DA, Whitehead WE. Somatization in irritable bowel syndrome. Gastroenterology 2001;120(Suppl 1): A639.

140. Heymen S, Jones KR, Ringel Y, Scarlett Y, Drossman DA, Whitehead WE. Biofeedback for fecal incontinence and constipation: The role of medical management and education. Gastroenterology 2001;120(Suppl 1): A397.

141. Chiarioni G, Bassotti G, Whitehead WE. Sensory retraining is key to biofeedback therapy for formed stool fecal incontinence. Gastroenterology 2001;120(Suppl 1): A397.

142. Whitehead WE, Drossman DA, Diamant N, Toner B, Bangdiwala SI, Hu Y, Bradshaw B, Leutri F, Mikula K, Jia H. Correlation of changes in clinical pain and abnormal stools with changes in visceral pain thresholds following treatment. Gastroenterology 2000;118(Suppl 2, part 1):A128.

143. Ringel Y, Jones KR, Shaheen NJ, Burnett CK, Bradshaw BH, Whitehead WE, Drossman DA. Esophageal motility and sensory response to non-painful and painful intraluminal esophageal balloon distentions by barostat in healthy subjects. Gastroenterology 2000;118(Suppl 2, part 1):A386.

144. Ringel Y, Drossman DA, Turkington T, Hawk T, Bradshaw B, Coleman E, Whitehead WE. Anterior cingulate cortex (ACC) dysfunction in subjects with sexual/physical abuse. Gastroenterology 2000;118(Suppl 2, part 1):A444.

145. Ringel Y, Drossman DA, Turkington T, Hawk T, Bradshaw B, Coleman E, Whitehead WE. Dysfunction of the motivational-affective pain system in patients with IBS using PET imaging in response to rectal balloon distension. Gastroenterology 2000;118(Suppl 2, part 1):A444.

146. Levy RL, Whitehead WE, Feld AD, VonKorff Mk, Bjorling E. Agreement between clinician recorded diagnoses and Rome I and Rome II diagnostic criteria for irritable bowel syndrome. Gastroenterology 2000;118(Suppl 2, part 1):A395.

147. Jones KR, Bradshaw B, Overton C, Drossman DA, Whitehead WE. Psychometrics of the physical sensations questionnaire: A Measure of disease attribution in irritable bowel syndrome patients. Gastroenterology 2000;118(Suppl 2, part 1):A398.

148. Jones KR, Bradshaw B, Overton C, Drossman DA, Whitehead WE. Psychometrics of the Gastrointestinal Selective Recall Test: A Measure of Selective Attention to GI Sensations. Gastroenterology 2000;118 (Suppl 2, part 2):A1179.

149. Heath MR, Drossman DA, Whitehead WE, Naliboff B, Kleoudis C, Sorrells SC. Alosetron does not improve anxiety in female IBS patients. Gastroenterology 2000;118(Suppl 2, part 1):A616.

150. Drossman DA, Hu YJB, Jia H, Toner BB, Whitehead WE, Diamant N, Ringel Y, Dalton C, Bangdiwala K. The influence of psychosocial factors on health status in patients with functional bowel disorders (FBD). Gastroenterology 2000;118(Suppl 2, part 1):A398.

151. Drossman DA, Hu YJB, Jia H, Toner BB, Whitehead WE, Diamant N, Ringel Y, Dalton C, Bangdiwala K. The influence of psychosocial factors on health care utilization in patients with functional bowel disorders (FBD). Gastroenterology 2000;118(Suppl 2, part 1):A842.

152. Camilleri M, Whitehead WE, Stewart W, Kahrilas PJ, Sonnenberg A, Robinson P, Sloan S, Revicki D, Willian MK. A U.S. National Survey of Upper Gastrointestinal Symptoms in 21,000 Community Participants. Gastroenterology 2000;118(Suppl 2, part 1):A144.

153. Whitehead WE, Longstreth GF, Levy RL, Feld AD, Jones KR. Quality of life in irritable bowel syndrome: Impact of urgency and fecal incontinence. Gastroenterology 1999;116:A1102.

154. Whitehead WE, Levy RL, Longstreth G, Feld AD, Jones KR. Agreement between Rome I and Rome II diagnostic criteria for IBS. Am J Gastroenterol 1999;94:A2762.

155. Whitehead WE, Jones KR, Meyer K. Effects of Loperamide on pain thresholds in healthy subjects. Gastroenterology 1999;116:A1102.

156. Rao SSC, Diamant N, Enck P, Lahr C, Peberton J, Wald A, Whitehead W. Current methods of performing anorectal manometry (ARM)-An intercenter comparison. Gastroenterology 1999;116:A1067.

157. Longstreth GF, Levy RL, Toner BB, Feld AD, Jones KR, Whitehead WE. Beliefs about symptom etiology among IBS and non-IBS GI clinic patients. Gastroenterology 1999;116: A1103.

158. Levy RL, Feld AD, Longstreth GF, Jones KR, Overton C, Drossman DA, Whitehead WE. Comparison of a questionnaire incorporating the Rome criteria to gastroenterologists' clinical judgments. Gastroenterology 1999;116:A1028.

159. Jones KR, Whitehead WE, Meyer K. Agreement between different methods of measuring pain sensitivity. Gastroenterology 1999;116:A1012.

160. Jones KR, Levy RL, Feld AD, Longstreth GF, Whitehead WE. Sexual and physical abuse in irritable bowel syndrome: Partial replication. Gastroenterology 1999;116:A1102.

161. Drossman DA, Whitehead WE, Toner BB, Diamant N, Hu JB, Jia C, Dalton C, Bangdiwala K. What determines severity among patients with functional bowel disorders (FBD)? Gastroenterology 1999;116:A987.

162. Drossman DA, Patrick DL, Whitehead WE, Toner BB, Diamant N, Hu JB, Jia H, Bangdiwala SI. Responsiveness of the IBS-QOL: Further validation of a disease specific quality of life measure for IBS. Gastroenterology 1999;116:A988.

163. Whitehead WE, Palsson O, Levy RL, Gibbs NA, Meyer KB. Patients with irritable bowel syndrome pay selective attention to gastrointestinal sensations. Gastroenterology 1998;114:A859.

164. Whitehead WE, Diamant N, Meyer K, Mikula K, Hu JB, Jia H, Bangdiwala S, Toner B, Drossman D. Pain thresholds measured by the barostat predict the severity of clinical pain in patients with irritable bowel syndrome. Gastroenterology 1998;114:A859.

165. Whitehead WE, Burnett C, Palsson O, Drossman D. Can symptoms distinguish subtypes of constipation? Gastroenterology 1998;114:A858.

166. Levy RL, Whitehead WE, Vo Korff MR, Saunders KW, Feld, AD. Parent modeling of illness behavior: The influence of the IBS parents' gender on the number of children's health care visits for gastrointestinal symptoms. Gastroenterology 1998;114:A788.

167. Knowles JB, Whitehead WE, Meyer KB. Reliability of a modified Sitzmark study of whole gut transit time. Gastroenterology 1998;114:A779.

168. Burnett C, Whitehead WE, Drossman D. Psychological distress and impaired quality of life in patients with functional anorectal disorders. Gastroenterology 1998;114:A729.

169. Palsson OS, Burnett CK, Meyer K, Whitehead WE. Hypnosis treatment for irritable bowel syndrome: Effects on symptoms, pain threshold, and muscle tone. Gastroenterology 1997;112:A803.

170. Levy RL, Whitehead WE, Von Korff MR, Saunders KW, Feld AD. Intergenerational transmission of GI illness behavior. Gastroenterology 1997;112:A775.

171. Palsson OS, Taub E, Cook EC III, Burnett CK, McCommons JJ, Whitehead WE. Validation of Rome criteria for functional gastrointestinal disorders by factor analysis. Am J Gastroenterol 1996;91:2000.

172. Palsson OS, Morteau O, McCommons JJ, Bozymski EM, Woosley JT, Sartor RB, Whitehead WE. Is mucosal inflammation present in irritable bowel syndrome? Gastroenterology 1996;110:A729.

173. Palsson OS, Morteau O, McCommons JJ, Bozymski EM, Woosley JT, Sartor RB, Whitehead WE. Vasoactive intestinal peptide (VIP) levels are elevated in irritable bowel syndrome. Gastroenterology 1996;110:A730.

174. Palsson OS, Davidoff A, Crowell MD, Burnett CK, Whitehead WE. Psychological functioning in irritable bowel syndrome (IBS) patients: Role of sexual abuse history. Gastroenterology 1996;110:A729.

175. Whitehead WE, Delvaux M, and Members of the Working Team. Standardization of barostat test procedures: Report of an international working team. Gastroenterology 1995;108:A709.

176. Palsson OS, McCommons JJ, Burnett CK, Bradley LA, Whitehead WE. Relationship between bowel sensations: Pain, urge to defecate and rectal fullness in irritable bowel syndrome (IBS) patients and healthy subjects. Gastroenterology 1995;108:A663.

177. Crowell MD, Lutz K, Davidoff A, Whitehead WE. Repeated rectal distention leads to perceptual sensitization. Gastroenterology 1995;108:A587.

178. Burnett C, Taub E, Cook III WE, Whitehead WE. Coping with irritable bowel syndrome (IBS): Analgesic and other medication use by IBS patients and IBS non-consulters. Gastroenterology 1995;108:A577.

179. Whitehead WE, Li Z, Drossman D, Costa P, Taub E, Cook III E. Factor analysis of GI symptoms supports Rome criteria for functional GI disorders. Gastroenterology 1994;106:A589.

180. Whitehead WE, Crowell MD, Davidoff A, Cheskin L, Schuster MM. Is sexual abuse associated with lower thresholds for pain due to balloon distension of the rectum? Gastroenterology 1994;106:A588.

181. Whitehead WE, Crowell MD, Davidoff A, Cheskin L, Schuster MM. Pain threshold & muscle tone are lower in sigmoid colon than in rectum. Gastroenterology 1994;106:A588.

182. Whitehead WE, Burnett CK, Cook E III, Taub E. Health-related quality of life in IBS patients compared to IBS non-consulters and asymptomatic individuals. Dig Dis Sci 1994;89:1700.

183. Taub E, Cook E III, Burnett C, Cuevas J, Mann R, Perkins M, Tanner D, Novell R, Hanna B, Brown M, Whitehead WE. Irritable bowel syndrome: Do physical symptoms or psychological symptoms determine who consults a physician? Dig Dis Sci 1994;89:1700.

184. Drossman DA, Li Z, Toner BB, Diamant NE, Creed FH, Thompson D, Read NW, Babbs C, Barrieiro M, Bank L, Whitehead WE, Schuster MM, Guthrie EA. An illness severity index for the functional bowel disorders. Gastroenterology 1994;106:A489.

185. Drossman DA, Li Z, Toner BB, Diamant NE, Creed FH, Thompson D, Read NW, Babbs C, Barrieiro M, Bank L, Whitehead WE, Schuster MM, Guthrie EA. A multi-national comparison of symptoms and health status of gastroenterology patients with functional bowel disorders. Gastroenterology 1994;106:A489.

186. Whitehead WE, Crowell MD, Shone D, Davidoff A, Cheskin LC, Schuster MM. Sensitivity to rectal distension: Validation of a measurement system. Gastroenterology 1993; 104:A600.

187. Lamport RD, Schuster MM, Whitehead WE. Course and relation of symptoms to physiologic findings in pelvic floor dyssynergia. Gastroenterology 1993;104:A538.

188. Gierczak S, Chami T, Schuster MM, Whitehead WE. Gastrointestinal symptoms produced by air swallowing. Gastroenterology 1993;104:A512.

189. Crowell MD, Bassotti G, Cheskin LJ, Chami TN, Betti C, Morelli A, Schuster MM, Whitehead WE. Colonic high amplitude propagated contractions in irritable bowel syndrome. Gastroenterology 1993;104:A494.

190. Cook EW III, Taub E, Cuevas JL, Morris RL, Perkins MH, Tanner DL, Noell RP, Hanna B, Brown MA, Whitehead WE. Factor analysis of bowel symptoms; replication in 2045 students. Gastroenterology 1993;104:A492.

191. Chami TN, Whitehead WE, Bennett C, Crowell MD, Cheskin LJ. The opioid antagonist nalmefene glucuronide accelerates colonic transit in constipation-predominant irritable bowel syndrome (IBS-C). Gastroenterology 1993;104:A488.

192. Barofsky I, Schuster MM, Whitehead WE. The impact of psychological factors on quality of life assessment in the GI patient. Gastroenterology 1993;104:A473.

193. Barofsky I, Schuster MM, Whitehead WE. Do psychometric tests contribute to gastroenterological decision making? Gastroenterology 1993;104:A473.

194. Whitehead WE. Psychophysiology of irritable bowel syndrome. Workshop on Chronic Abdominal Pain. San Diego, 1992.

195. Taub E, Cuevas J, Cook E, Crowell MD, & Whitehead WE. Gastrointestinal symptoms in 1384 college students: Gender and race differences. Gastroenterology 1992;102: A524.

196. Sood R, Handen B, Whitehead WE, & Schuster MM. Physiological assessment of fecal incontinence after abdominoperineal pull-through repair in high imperforate anus. Gastroenterology 1992;102: A517.

197. Schwartz HJ, Whitehead WE, & Schuster MM. Comparison of electrogastrogram (EGG) and gastric emptying studies (GES) in patients with suspected motility disorders. Gastroenterology 1992;102: A510.

198. Salas LA, Whitehead WE, & Schuster MM. Psychological symptoms in patients with levator ani and proctalgia fugax. Gastroenterology 1992;102: A508.

199. Redmond JM, Smith GW, Barofsky I, Ratych RE, Whitehead WE, & Schuster MM. Physiological tests predict long-term results of total abdominal colectomy with ileoproctostomy for intractable constipation. Gastroenterology 1992;102: A504.

200. Crowell MD, Cheskin LJ, Schuster MM, & Whitehead WE. Functional bowel disorders in women diagnosed with dysmenorrhea. Gastroenterology 1992; A439.

201. Crowell MD, Cheskin LJ, Schuster MM, & Whitehead WE. A computer controlled pump for measurement of muscle tone and sensory thresholds. Gastroenterology 1992;102: A438.

202. Barofsky I, Redmond JM, Crowell MD, Schuster MM, Smith G, & Whitehead WE. Quality of life assessment following total abdominal colectomy for idiopathic constipation. Gastroenterology 1992; 102: A421.

203. Whitehead WE. Use of factor analysis to identify symptom criteria for functional gastrointestinal disorders: Comparison of three community samples. Grand rounds to Division of Gastroenterology, Mayo Clinic, Rochester, December 8, 1991.

204. Whitehead WE. Relationship of functional bowel disorders to gynecological symptoms: Risks of misdiagnosis. Grand rounds to department of Gynecology and Obstretrics, Johns Hopkins University School of Medicine, October 26, 1991.

205. Whitehead WE. Psychophysiological studies of pain in functional gastrointestinal disorders. Contribution to symposium entitled "Basic and clinical aspects of visceral pain," American Pain Society meeting, New Orleans, November 9, 1991.

206. Whitehead WE. Importance of cardiac and gastrointestinal sensations in clinical syndromes. Contribution to symposium entitled "Viscerosensory functions", IBRO Third World Congress, Montreal, August 8, 1991.

207. Whitehead WE. Behavioral treatments. Contribution to American Gastroenterological Association symposium entitled "Management of irritable bowel syndrome from mild to severe. New Orleans, May 22, 1991.

208. Whitehead WE. Behavioral medicine in gastroenterology: Past and future. Presented at Der Dritten Kongress der Deutschen Gesellschaft fur Verhaltensmedizin und Verhaltensmodifikation, Universitat Trier, Trier, Germany, March, 1991.

209. Whitehead WE, Crowell MD, Cheskin LJ, Schuster MM. Learned illness behavior in irritable bowel syndrome. Gastroenterology 1991;100: A508.

210. Whitehead WE, Chami TN, Crowell MD, Schuster MM. Aerophagia: Association with gastrointestinal and psychological symptoms. Gastroenterology 1991;100: A508.

211. Musial F, Crowell MD, French W, Whitehead WE. The role of visceral perception and physiological mechanisms in defecation behavior: An animal model. Gastroenterology, 1991.

212. Kamal N, Cheskin LJ, Mikhelashvili N, Schuster MM, Whitehead WE. Mechanisms of constipation in the elderly and effects of fiber. Gastroenterology 1991;100: A455.

213. Crowell WE, Musial F, French W, Whitehead WE. A comparison of prolonged ambulatory monitoring of colonic motor activity in healthy humans and pigs. Gastroenterology 1991;100: A434.

214. Chami TN, Schuster MM, Crowell MD, Whitehead WE. Effects of low dose erythromycin on gastrointestinal motility and symptoms in chronic intestinal pseudo-obstruction. Gastroenterology 1991;100: A41.

215. Chami TN, Schuster MM, Crowell MD, Katz PO, Cheskin LJ, Whitehead WE. Pervasive gastrointestinal dysmotility in a patient with scleroderma: Response to erythromycin. Gastroenterology 1991:100: A40.

216. Chami TN, Andersen AE, Crowell MD, Schuster MM, Whitehead WE. Gastrointestinal symptoms in bulimia nervosa: Effects of treatment. Gastroenterology 1991;100: A427.

217. Whitehead WE. Illness behavior and the irritable bowel syndrome. Presented at the World congresses of Gastroenterology, Sydney, Australia, August, 1990.

218. Kamal N, Chami TN, Andersen, Rosell FA, Schuster MM, & Whitehead WE. Gastrointestinal transit time in feeding disorders. Gastroenterology 1990;, 98: A363.

219. Crowell MD, Whitehead WE, Heller BR, Robinson JC, & Schuster MM. Prospective evaluation of stressful life events on bowel symptoms in a large community sample. Gastroenterology 1990; 98:A341.

220. Crowell MD, Whitehead WE, Cheskin LJ, & Schuster MM. Effects of a hypocaloric liquid diet on gastrointestinal transit and colonic motility. Gastroenterology 1990; 98: A341.

221. Crowell MD, Cheskin LJ, Rosen B, Kamal N, Schuster MM, & Whitehead WE. Ambulatory monitoring of colonic motor activity during acute exercise. Gastroenterology 1990; 98:A341.

222. Bassotti G, Botti C, Erbella CS, Crowell MD, Whitehead WE, Pelli MA, Morelli A. Colonic mass movements in diarrhea-predominant IBS patients. Gastroenterology 1990; 98: A326.

223. Whitehead WE, Cheskin LJ, Chiarioni G, Kamal N, & Schuster MM. Fasting small bowel motility is abnormal in chronic intestinal pseudo-obstruction. Gastroenterology1989;96: A544.

224. Schub RO, Whitehead WE, Giardiello FM, & Schuster MM. Colonic motility and myoelectric activity in patients with collagenous colitis (CC). Gastroenterology1989;96,:A455.

225. Crowell MD, Whitehead WE, Cheskin LJ, Kamal N, & Schuster MM. Circadian and diurnal aspects of high amplitude propagated contractile activity from the colon in asymptomatic people. Journal of Gastrointestinal Motility 1989;1:75.

226. Crowell MD, Whitehead WE, Cheskin LJ, & Schuster MM. Twenty-four hour ambulatory monitoring of peristaltic activity from the colon in normals and constipation-predominant IBS patients. Gastroenterology 1989; 96: A103.

227. Cheskin LJ, Kamal N, Drinkwater D, & Whitehead WE. Constipation in the elderly: Prevalence is related to exercise. Presented at the annual meeting of the American Geriatric Society, Boston, Massachusetts, September, 1989.

228. Whitehead WE. The irritable colon. Presented at a symposium entitled "The Irritable Gut" sponsored by Janssen Pharmaceutical and held at New Orleans, Louisiana on May 15, 1988.

229. Whitehead WE, Shabsin HS, Cheskin LJ, Brooner R, Jasinski D, Schub R, & Schuster MM. Colon motility during naloxone-precipitated opiate withdrawal. Gastroenterology 1988;94:A495.

230. Whitehead WE, Schuster MM, Cheskin LJ, & Heller BR. Exacerbations of irritable bowel syndrome during menses. Gastroenterology 1988; 94:A495.

231. Whitehead WE, Bosmajian L, Costa P, Zonderman A, & Schuster MM. Relationship of upper gastrointestinal symptoms to psychological distress. Gastroenterology 1988;94:A494.

232. Shabsin HS, Whitehead WE, Enck, P, & Schuster MM. A comparison of colonic spikes between IBS patients and normals during colon distension, cold pressor stress, and a postprandial period. Gastroenterology 1988; 94: A420.

233. Whitehead WE. Role of sensations arising from the gastrointestinal tract in behavioral self-regulation. Paper presented at a symposium entitled Die Wahrnehmung Koerperlicher Vorgaenge: Beziehungen zu Andern Sinnesgebieten und Emotionalen Prozessen, sponsored by the German Research Council (DFG) and held at Schloss Ringberg, West Germany, April 26-30, 1987.

234. Whitehead WE, Heller B, & Schuster MM. Constipation, laxative use, and incontinence in elderly people. Gastroenterology 1987;92:1693.

235. Whitehead WE, Bosmajian L, Zonderman A, Costa P, & Schuster MM. Role of psychological symptoms in irritable bowel syndrome: Comparison of community and clinic samples. Gastroenterology 1987;92:1693.

236. Haderstorfer B, Whitehead WE, & Schuster MM. Hour-to-hour variations in abdominal pain are correlated with subjective bloating but not with breath hydrogen concentration in irritable bowel patients. Gastroenterology 1987;92:1421.

237. Whitehead WE, Taitelbaum G, Wigley F, & Schuster MM. Systemic sclerosis: Colon motor and myoelectric activity. Gastroenterology 1986;90:1690.

238. Whitehead WE, Enck P, Shabsin HS, & Schuster MM. Lactose intolerance is associated with colon myoelectric slow wave abnormalities. Gastroenterology 1986;90:1689.

239. Whitehead WE, Enck P, Shabsin HS, & Schuster MM. Abnormal frequencies of slow waves in irritable bowel syndrome confirmed. Gastroenterology 1986;90:1689.

240. Parker R, Whitehead WE, & Schuster MM. Pattern recognition program for analysis of colon myoelectric and pressure data. Gastroenterology 1986;90:1579.

241. Whitehead WE. Perception of gastrointestinal events. Paper presented at Second Annual International Symposium on the Neural Control of Bodily Function -- Basic and Clinical Aspects: II. Psychological and Biological Approaches to the Understanding of Human Disease, October 13-17, 1985, in Bielefeld, Federal Republic of Germany.

242. Whitehead WE. Biofeedback training for gastrointestinal disorders. Paper presented to the Departments of Gastroenterology, Surgery, and Psychology, University of Utrecht, October 18, 1985, in Utrecht, Holland.

243. Whitehead WE, Enck P, Shabsin H, & Schuster MM. Comparison of rectal and sigmoid motor and myoelectric activity. Digestive Diseases & Sciences 1985;30:800.

244. Enck P, Whitehead WE, Shabsin H, Nikoomanesh P, & Schuster MM. Ultradian rhythmicity in myoelectric and motor activity of the human colon. Gastroenterology1985;88:1374.

245. Enck P, Whitehead WE, Holtkoetter B, Shabsin H, Hoelzl R, Loeffler K, & Schuster MM. Effects of pain and rectal distension on myoelectric activity in irritable bowel syndrome. Gastroenterology 1985; 88:1374.

246. Siegel D, Tucker H, Enck P, Whitehead WE, & Schuster MM. Symptoms differentiating irritable bowel syndrome (IBS) from other G.I. disorders. Gastroenterology1984;86:1251.

247. Enck P, Steckler E, Whitehead WE, Tucker H, & Schuster MM. Lactose intolerance versus irritable bowel syndrome: Physiological and psychological comparison.Gastroenterology 1984;86:1070.

248. Enck P, Mellibruda L, Wright E, Whitehead WE, Tucker H, & Schuster MM. Manning criteria fail to distinguish IBS from lactose intolerance. Gastroenterology 1984; 86:1069.

249. Chasen R, Tucker H, Palmer D, Whitehead W, & Schuster M. Colonic motility in irritable bowel syndrome and diverticular disease. Presented at Annual Meeting of The American Gastroenterological Association, Washington, D.C., May 1982. Gastroenterology,1982; 82: 1031.

250. Whitehead WE. Behavioral applications in the treatment of pathophysiological states. Presented at the 38th Annual Meeting of the American Psychosomatic Society, Cambridge,Massachusetts, 1981.

251. Whitehead WE. Behavioral approaches to the treatment of urinary incontinence in the elderly. Presented at Workshop on Urinary Incontinence in the Elderly, sponsored by the National Institute on Aging, Bethesda, November, 1980.

252. Whitehead WE. Learning theory, reward systems, and operant conditioning of visceral responses. Presented at Workshop on Functional Disorders of the Gastrointestinal Tract, sponsored by the National Institute of Arthritis, Metabolism, and Digestive Disease and the National Institute of Mental Health, Bethesda, October, 1979.

253. Whitehead WE, Lurie E, & Blackwell B. Classical conditioning facilitates biofeedback training to reduce blood pressure in essential hypertension. Psychophysiology 1976;13:176-177.

254. Whitehead WE, Drescher VM, & Blackwell B. Rate of learning to control heart rate differentially is negatively correlated with subjective awareness of heart beat. Biofeedback and Self-Regulation 1976;1:322-323.

255. Whitehead WE, Drescher VM, & Blackwell B. Lack of relationship between autonomic perception questionnaire scores and actual sensitivity for perceiving one's heart beat.Psychophysiology 1976;13:177.

256. Whitehead WE, Renault P, & Schuster CR. Increased gastric acid during shock avoidance in man. Psychophysiology 1974;11: 222.

257. Frederickson CJ, Whitehead WE, & Rechtschaffen A. Phasic Activity of the rat lateral rectus muscle during sleep. Psychophysiology 1972;9:130.

258. Whitehead WE, Frederickson CJ, Wincor MZ, Madansky DL, & Rechtschaffen A. Generality of the lights-off triggering of paradoxical sleep. Psychophysiology 1969;6: 271.

259. Rechtschaffen A, Whitehead WE, Whitehead PK, & Wincor MZ. Role of the pineal gland in lights-off triggering of paradoxical sleep in the rat. Psychophysiology 1969; 6: 27.

PRESENTATIONS (1996-2007 ONLY; NOT CONSISTENTLY TRACKED)

Papers (those not listed as published abstracts):

"Gastrointestinal risk factors for fecal incontinence." NIH State of the Science Conference on the Prevention of Fecal and Urinary Incontinence, Bethesda, December 12, 2007.

"Visceral perception: Cognitive and psychological mechanisms." 2006 Joint International Meeting: Neurogastroenterology and Motility, Boston, September 14, 2006.

"Rome III: New perspectives on irritable bowel syndrome." Psychosomatic Medicine Society of Kyushu University, Fukuoka, Japan, September 4, 2006.

"Rome III: New perspectives on disorders of colonic, rectal, and anal function." 12th Annual Meeting of the Japanese Society for Disorders of Colorectal and Anal Function, Tokyo, Japan, September 2, 2006.

"IBS: Biomedical and behavioral disorder." Tohoku Medical Society meeting, Sendai, Japan, September 1, 2006.
"Biofeedback for pelvic floor disorders." Sixth National Conference of Chinese Society of Gastrointestinal Motility, Wuhan, China, November 12, 2005.

"Designing treatment trials in functional GI disorders." Meet the investigator luncheon, Digestive Disease Week, Orlando, May 19, 2003.

"Control groups appropriate for behavioral interventions. Invited state-of-the-art talk to NIH Consensus Conference, "Advancing the treatment of fecal and urinary incontinence through research: Trial design, outcome measures, and research priorities." Milwaukee, Wisconsin, November 3-5, 2002.

"Abdominal pain in IBS: Physiological and psychological influences, and possible treatments." Invited lecture to the Gastroenterology Division, Mayo Clinic, Rochester, MN, April 14-15, 2002.

"Physiologic consequences of eating disorders in the gastrointestinal tract." Invited lecture to the American Association of Clinical Nutrition, San Antonio, TX, October 3, 2002.

"Biofeedback for anorectal disorders." Invited lecture at the 2nd Annual International Course and Workshop on Gastrointestinal Motility/Functional Disorders, Galveston, TX, November 10, 2001.

"Sex and gender in irritable bowel syndrome." Invited lecture at the 12th Annual Meeting of the American Academy of Pain Management, Arlington, VA, September 7, 2001.

"Association of irritable bowel syndrome with other diseases: Implications for etiology and treatment." IBS Club of Japan, Tokyo, August 11, 2001.

"Learned illness behavior in irritable bowel syndrome." Visiting Professor to Tohoku University, Sendai, Japan, August 9, 2001.

"Pharmacological and psychological treatment of irritable bowel syndrome." Visiting Professor to 2nd Internal Medicine Department, National Defense Medical College, Tokyo, Japan, August 7, 2001.

"Pharmacological and psychological treatment of irritable bowel syndrome." Visiting Professor to Fukuoka University, Japan, August 6, 2001.

"Functional disorders of the colon, rectum, and anus: Basic and clinical aspects." Lecture to the Kawaguchi Conference on Colorectal and Anal Function, Tokyo, Japan, August 4, 2001.

"Pharmacological and psychological treatment of irritable bowel syndrome." Visiting Professor to Koshigaya University Medical Center, Japan, August 3, 2001.

"Design of treatment trials for functional gastrointestinal disorders." Invited workshop at the 4th International Symposium on Functional Gastrointestinal Disorders, Milwaukee, March 30 and April 1, 2001.

"Biofeedback for anorectal disorders." Invited address at the 4th International Symposium on Functional Gastrointestinal Disorders, Milwaukee, April 2, 2001.

"Anorectal disorders: Fecal incontinence, pelvic floor dyssynergia, and rectal pain." Invited address at the 4th International Symposium on Functional Gastrointestinal Disorders, Milwaukee, April 1, 2001.

"Debate: Is a history of abuse linked to the pathophysiology of functional dyspepsia and IBS?" Invited address at Falk Symposium No. 99, Functional dyspepsia and irritable bowel syndrome: New concepts and controversies. Titisee, Germany, May 27-28, 1997.

"Management of chronic constipation: Habit training and biofeedback." Symposium at Digestive Disease Week, May 14, 1997, Washington, D.C.

"Functional anorectal disorders." Workshop at the Second International Symposium on Functional Gastrointestinal Disorders, Milwaukee, April, 1997.

"Psychological influences on visceral perception." Meet the Professor luncheon at the Second International Symposium on Functional Gastrointestinal Disorders, Milwaukee, April, 1997.

"Relaxation treatment of functional gastrointestinal disorders." Invited lecture at the Second International Symposium on Functional Gastrointestinal Disorders, Milwaukee, April, 1997.

"Classification of functional gastrointestinal disorders." Invited lecture at the Second International Symposium on Functional Gastrointestinal Disorders, Milwaukee, April, 1997.

"Diagnostic criteria, epidemiology, and impact on quality of life." Lecture in a symposium entitled "Functional gastrointestinal disorders: Brain-gut mechanisms," which I organized and chaired at the 55th annual meeting of the American Psychosomatic Society, Santa Fe, March 19-22, 1997.

"Treatment of irritable bowel syndrome with biofeedback, relaxation, and hypnosis." Invited address at the First International Johns Hopkins Motility Conference, November, 1996.

"Psychosocial aspects of irritable bowel syndrome." Invited address at the First International Johns Hopkins Motility Conference, November, 1996.

"Psychosocial aspects of functional GI disorders." Invited address at the IBS Roundtable sponsored by Solvay Pharmaceutical in Paris, November, 1996.

"Functional anorectal disorders." Lecture to the Gastroenterology Division, University of Perugia, November 19, 1996.

"Psychophysiology of Gastrointestinal Perception." Invited address to the VII National Congress of the Italian Group for the Study of Digestive Tract Motility, Perugia, Italy, November 21, 1996.

"Functional bowel disorders." Invited address to the VII National Congress of the Italian Group for the Study of Digestive Tract Motility, Perugia, Italy, November 20, 1996.

Two invited lectures to the Brazilian Gastrointestinal Motility Society, January, 1996.

TEACHING RESPONSIBILITIES

Provide clinical training in the conduct and interpretation of diagnostic gastrointestinal motility studies to gastroenterology fellows and urogynecology fellows.

Annual lectures to the Fellowship Training Program for Urogynecology and Reconstructive Pelvic Floor Surgery.

Currently co-director of gastrointestinal motility course sponsored by the American Neurogastroenterology and Motility Society involving three one-month rotations each year.

Mentor to T35 training grants in Gastroenterology Division and Geriatric Medicine Division.
Recent 2nd year students mentored: Elizabeth MacLean, Lalitha Kunduru.

Lectures to second year medical students on GI motility, Gastroenterology: 1995, 1997, 1998, 1999, 2000, 2001, 2002.

Grand Rounds
UNC: 1994, 2000, 2002.
Non-UNC: n/a

Continuing education courses:
Provide training in motility assessment and biofeedback training for fecal incontinence and constipation for CME courses sponsored by American Neurogastroenterology and Motility Society, Mayo Clinic, and University of Iowa.

Supervise predoctoral and postdoctoral research fellows
List of former mentees available on request.
Current fellow is Andrea Crane, MD, fellow in urogynecology.

Visiting Professorships or Lectureships:

Visiting Professor of Medicine at the University of Perugia, Division of Digestive Diseases, Perugia, Italy, 1995 and 1996.

Visiting Professor, Hirosaki University in Japan, September, 1999.

Visiting Professor, Tohoku University in Japan, April, 2000.

Visiting Professor to Tohoku University in Japan, August 2-12, 2001.

Visiting Professor to Mayo Clinic, Rochester, April 14-16, 2002.

Visiting Professor, Cairo, Egypt, October 2-4, 2002.

Visiting Professor, Tohoku University in Japan, September 1-8, 2006.

GRANTS FUNDED (CURRENTLY ACTIVE GRANTS ARE BOLDED)

2012-2017 Principal Investigator of AHRQ grant R01 HS018695 titled "Conservative treatment of fecal incontinence in the elderly: Effectiveness Trial".

2011-2016 Co-investigator of NICHD grant U01 HD069031 titled "Pelvic floor disorders network data coordinating center". PI is Dennis Wallace, PhD.

2011-2016 Co-investigator of R01 HD036069 titled "Parent training to address pediatric functional abdominal pain". PI is Rona Levy.

2010-2015 Co-Director of the Disease Modeling Core and PI of a Sub-Project of NIDR grant P01 NS045685 titled, "Complex Persistent Pain Conditions: Unique & shared pathways of vulnerability."

1984-2013 *Principal investigator, NIDDKD Grant R01 DK031369, "Psychophysiology of irritable bowel syndrome." (Renewed competitively 5 times.)

2010-2013 Co-investigator of "An investigation of the treatment of fecal incontinence using the TOPAS sling system" (WC0807). PI is Catherine Matthews, MD.

2007-2011 Principal investigator of subcontract on NICHHD grant RO1 HD050345 entitled "Psychosocial Intervention for Children with IBD." Principal investigator of parent grant is Rona Levy, Ph.D., University of Washington.

2009-2010 Principal investigator of McNeil Consumer Health contract titled, "Diarrhea prevention (DIP) study."

2007-2010 Principal investigator of UNC Investments for the Future grant titled, "Transferring scientific discoveries in gastrointestinal motility disorders from the laboratory to community practitioners: Treating fecal incontinence and constipation in the frail elderly and women."

2007-2010 Principal investigator of Takeda Pharmaceuticals contract titled, ”Development of a questionnaire to measure hypervigilance for visceral pain.”

2007-2010 Principal investigator of Takeda Pharmaceuticals contract titled, “Lubiprostone effects on visceral pain sensitivity.”

2006-2010 Co-investigator (S Gaylord is PI) of R21 AT3619, “Mindfulness treatment of irritable bowel.”

2008-2009 Principal investigator of McNeil Consumer Health contract titled, “Characterization of IBS symptom episodes.”

2006-2008 Principal investigator of Novartis Pharmaceuticals contract titled, “CONQUEST: Questionnaire Study of Chronic Constipation.”

2004-2009 Principal investigators of NIDDK grant R24 DK067674 titled, “Gastrointestinal Biopsychosocial Research Center.” This is an award under the authority of RFA OB-03-004, Mind-Body Interactions and Health: Research Infrastructure Program.

1999-2009 Principal investigator of subcontract on NICHHD grant RO1 HD36069 entitled “Intergenerational Transmission of Illness Behavior.” Principal investigator of parent grant is Rona Levy, Ph.D., University of Washington.

2002-2006 Co-investigator (Anthony Visco, M.D., is PI) of the UNC Pelvic Floor Disorders Research Collaborative Studies (U01 HD41267). This grant funds multicenter surgical and behavioral treatment trials.

2004-2005 Principal investigator of Novartis Pharmaceuticals contract entitled, “Validation of The Bloating Diagnostic Questionnaire and the Bloating Severity Questionnaire.”

2003-2004 Principal investigator of Novartis Pharmaceuticals contract entitled, “Definition of IBS alternators.”

2003-2004 Principal investigator of Novartis Pharmaceuticals contract entitled, “Development of outcome measures for assessment of bloating.”

2002-2003 Principal investigator of Novartis Pharmaceuticals contract entitled, “Identifying patients with functional dyspepsia from medical records.”

2002-2003 Principal investigator of Novartis Pharmaceuticals contract entitled, “Evaluation of SERT gene polymorphisms and serotonin levels in IBS subgroups.”

1999-2004 Principal investigator, NIDDKD grant RO1-DK57048 entitled “Biofeedback for Fecal Incontinence and Constipation.”

2001-2003 Principal investigator of Novartis Pharmaceuticals contract entitled, “Prospective study of the diagnosis and treatment of IBS in primary care and GI specialty clinics.”

1994-2002 Co-investigator, NIDDKD grant RO1-DK49334 entitled "Multicenter trial of functional bowel disorders."

1999-2000	Principal investigator of Medtap International contract A2-14444-004 entitled "Assessment of the impact of mode of administration of the PAGI-SYM and PAGI-QOL: Self-administered versus telephone interview."
1999-2000	Principal investigator of Medtap International contract R149-OUT-007C entitled "Evaluating the reliability and validity of the patient assessment in GI (PAGI) symptom severity and disease-specific quality of life."
1999-2000	Principal investigator of Solvay grant S2412112 entitled "Double-blind, randomized, multicenter, parallel-group, dose-ranging study to investigate the efficacy and safety of Cilansetron in non-constipated irritable bowel syndrome."
1988-1999	Principal investigator, NIMH Research Scientist Award KO5 MH00133, "Role of perception in control of visceral responses."
1997-1998	Principal investigator, research contract entitled "Effects of Loperamide on rectal sensory thresholds." Janssen Research Foundation.
1997-1998	Principal investigator, research contract entitled "Effects of Lactobacillus planarum 299v on the symptoms of irritable bowel syndrome." Con-Agra, Inc.
1997	Principal investigator, NIDDKD grant RO1-DK031369 entitled "Psychophysiology of Irritable Bowel Syndrome." This is a bridge grant submitted at the invitation of NIDDK to cover a gap in funding while competitive renewal of this grant was under review.
1993-1996	Supplement to grant RO1 DK031369 to address the Office of Research on Women's Health initiative with a study of the role of sexual abuse on visceral pain sensitivity in irritable bowel syndrome.
1992-1993	Principal investigator, contract to develop a questionnaire for the assessment of functional gastrointestinal disorders. Glaxo Pharmaceuticals.
1991-1992	Principal investigator, study of the symptoms for which IBS patients self-medicate and seek medical treatment (RAN-P24). Glaxo Pharmaceuticals.
1991-1992	Principal investigator, research contract entitled "Double-Blind Parallel Group Pilot Study of Librax and Its Components on Physiologic and Psychosocial Function in Patients with Irritable Bowel Syndrome". Hoffman-LaRoche Research Foundation.
1987-1992	Principal investigator, research contract to study "Effects of Cisapride on Gastrointestinal Motor Disorders". Janssen Research Foundation.
1987-1990	Principal investigator, NCNR Grant RO1 NRO1369, "Learned illness behavior and nursing intervention."
1985-1986	Principal investigator, subproject of NIA Grant 5-PO-1-AGO4402-03 "Teaching Nursing Home Award". Subproject titled "Community Survey of Constipation and Incontinence in the Elderly".
1980-1982	Principal investigator, NICHD Grant R01 HD14519, "Psychophysiological reactions to touch."

1979-1982 Principal investigator, NINCDS Grant R01 NS15781, "Behavioral medicine treatment of fecal incontinence."

1978-1988 Principal investigator, NIMH Research Scientist Development Award K01 MH00133, "Role of perception in control of visceral responses."

1976 Biomedical Research Support Grant, "Biofeedback training to reduce colonic motility in patients with irritable bowel syndrome."

1976 University Research Council Grant, "Effects of differences in ability to subjectively perceive heart beat on learning to control heart rate: Does perceiving each heart beat facilitate learning?"

1975-1976 University Research Council Grant, “Effects of differences in ability to subjectively perceive one’s heart beat on learning to control heart rate and on retention of heart rate learning.”

1974-1975 University Research Council Grant, “Biofeedback training to reduce blood pressure in patients with essential hypertension.”

1973-1976 Co-investigator with Barry Blackwell. Grant from Hoffman LaRoche, “Innovative approaches to psychotropic drug evaluation.”

1972-1973 Co-Investigator with Pierre Renault, NIMH Grant MH19979, “Operant conditioning of gastric acidity in humans.”

PROFESSIONAL SERVICE

Within UNC-Chapel Hill

Director, Center for Functional Gastrointestinal and Motility Disorders.
Member, Regional Center for Neurosensory Disorders.
Member, Center for Gastrointestinal Biology and Inflammatory Bowel Disease.
Chair, Committee to Organize a Center for Pelvic Floor Disorders at Hillsborough Hospital.
Member, Advisory Committee for the UNC CTRC Clinical Research Center, 2002-2011.
Organizer, monthly multidisciplinary conference on pelvic floor disorders for Division of Urogynecology, 2000 to present.

International:

Chairman, international working team on management of constipation, 1989-91.
Member, Rome Foundation Executive Committee, 1988-present. Current positions include Chair of Research Committee, Chair of Diagnostic Questionnaire Development Committee, Member of Finance Committee, Member of Executive Committee, Member of Editorial Board, and Contingent President. Positions previously held include Chair of the Working Group on Anorectal Disorders, Co-chair of the Design of Treatment Trials committees, Chair of the International Resource Committee (industry alliance), and Chair of the Rome Consensus Conference on the Definition of a Responder in Clinical Trials for Functional Gastrointestinal Disorders.

Co-founder and Chair, Functional Brain Gut Research Group, special interest group within the American Gastroenterological Association, Co-chair 1991-93; Chair, 1994-95. This society merged with the American Neurogastroenterology and Motility Society in 2010.
Chairman, organizing committee of the Consensus Conference on Treatment Options for Fecal Incontinence, April 20-21, 1999.
Chairman, organizing committee of the Second International Consensus Conference on the Treatment of Fecal and Urinary Incontinence, November 3-5, 2002.

National:

2007 - present DSMB/Scientific Advisory Committee for NIDDK Gastroparesis Research Network

2008 - present Scientific Advisory Committee for NIDDK MAPP (Managing Abdominal and Pelvic Pain) Research Network

2012 – 2013 Co-Chair, NIDDK Workshop on Clinical Trial Methodology for Studies of the Treatment of Fecal Incontinence

2008 – 2012 NIH Behavioral Medicine (BMIO) Study Section Ongoing
Ad hoc reviewer for: NIA, NIDDK, NIMH, NINR, NIDR.

Organizing committee, NIDDK Workshop on Irritable Bowel Syndrome, 1992.

Planning committee, NIH State of the Science Conference on Prevention of Incontinence, December 10-12, 2007.

Chair or member of abstract review committee for Digestive Disease Week annually for past 10 years.

Consultant Appointments to Industry:

Consultant on clinical trial design to the following companies: Takeda, Sucampo, Ironwoods, Forest, Ono, McNeil

Editorial Appointments:

Associate Editor: Gastroenterology, 2001-2006.
Associate Editor: Digestive Diseases and Sciences, 2000-2001.
Publications Board, Biofeedback Society of America, 1982-1985.
Consulting Editor (Reviewer): Gastroenterology, Gut, Alimentary Pharmacology and Therapeutics, Digestive Diseases, Journal of Psychosomatic Research, Journal of Neurogastroenterology and Motility (USA), Journal of Neurogastroentrology and Motility (Korea), Pain, Psychosomatic Medicine, Journal of Consulting and Clinical Psychology, American Journal of Physiology, Biofeedback and Self-Regulation, Behavior Therapy, British Journal of Clinical Psychology, American Geriatrics Society.

REFLECTIVE STATEMENT

I am a clinical psychologist with post-doctoral training in gastrointestinal physiology. The goal of my research has always been to understand the interface between physiology and psychology, and to translate this understanding of the "psychophysiology" of gastrointestinal disorders into behavioral medicine treatment approaches. These treatments have often included biofeedback, but I have also developed and tested medical management protocols that combine the principles of behavior modification with the use of diet and medication for the management of gastrointestinal symptoms. My seminal accomplishments are these:

- Identifying the important role that visceral pain sensitivity plays in the etiology and course of irritable bowel syndrome.

- The concept of learned illness behavior – I demonstrated that the ways parents respond to their children's stomach aches and other illness complaints influence whether they develop IBS and whether they exhibit other comorbid somatic complaints such as fibromyalgia. This work has been carried on by others and has resulted in treatment paradigms for pediatric functional gastrointestinal disorders.

- Comorbidity in the irritable bowel syndrome – Patients with irritable bowel very frequently have comorbid somatic and psychiatric disorders which cumulatively exert a strong influence on the severity of GI symptoms and the response to treatment. My team has made significant contributions to the understanding of mechanisms responsible for comorbidity and ways of addressing this. Our research suggests that this is not due to shared pathophysiology but to psychological factors, namely a hypervigilance for noticing somatic sensations and interpreting them as symptoms of illness, combined with a low threshold to consult physicians. Psychological interventions which address hypervigilance – hypnosis and mindfulness training – are the most effective ways of limiting comorbidity.

- Biofeedback for pelvic floor disorders – Although I was not the first to show that biofeedback was effective for the treatment of fecal incontinence, I investigated the psychophysiological mechanisms responsible for fecal incontinence (for example, the importance of sensory perception) and used these insights to improve the effectiveness of biofeedback training protocols for specific medical disorders. My colleagues and I also developed biofeedback protocols for outlet dysfunction types of constipation and chronic rectal pain, and carried out randomized clinical trials to confirm the effectiveness of these treatments.

- Diagnostic criteria for functional gastrointestinal disorders – I have made contributions to the development and validation of diagnostic criteria for the functional gastrointestinal and motility disorders, and have been responsible for

the development of the widely used Rome Diagnostic Questionnaire for these disorders.

Over the next 5 years, I plan to concentrate on some practical applications which I believe will benefit the clinical management of fecal incontinence, constipation, and irritable bowel syndrome:

- Dissemination of conservative treatment protocol for fecal incontinence – Although biofeedback is probably the most effective of the behavioral approaches to treating fecal incontinence, it is costly and not widely available. Together with colleagues I have developed a conservative treatment program and am conducting a randomized controlled trial to determine whether nurses can deliver this treatment to home-bound elderly people and obtain good outcomes. There is also a plan to develop a self-help website to teach patients how to manage bowel incontinence on their own; this would address the reluctance of patients with fecal incontinence to talk to the physician about this embarrassing problem.

- Minimally invasive diagnostic testing for dyssynergic defecation. Dyssynergic defecation is a type of constipation that my colleagues and I have shown responds more favorably to biofeedback than to laxatives or other medical treatments, but the diagnostic tests are invasive, costly, and not widely available. Together with Dr. Giuseppe Chiarioni, I am in the final stages of a study which will identify minimally invasive diagnostic tests that can be carried out in primary care to reliably diagnose this type of constipation and guide treatment. This will also facilitate the evaluation of new drug treatments for constipation.

- Diagnosis and management of irritable bowel syndrome. A consensus is developing that the irritable bowel syndrome is not a single diagnostic entity but a collection of patients with similar symptoms due to differing etiologies. This may explain the poor response rates associated with new drug treatments. We are investigating ways identify distinct subgroups within this population and to match them to treatments that are based on the mechanism of their symptoms to improve therapeutic outcomes. Currently we are focusing on gene-environment interactions to help characterize these subgroups.

My teaching is largely confined to training young investigators how to carry out clinical research on functional gastrointestinal and motility disorders. My philosophy is to guide them through each step of the process from literature review and development of a protocol through recruitment and testing of patients and writing a manuscript for publication. Most of the trainees who have worked with me have ended with a publication, and many of them are in academic positions. Most years, I have at least two trainees who may be medical students, fellows in gastroenterology or urogynecology, or junior faculty.