What are the most effective nonpharmacologic therapies for irritable bowel syndrome?

Evidence-based answer
Herbal formulations, certain probiotics, elimination diets based on immunoglobulin G (IgG) antibodies, cognitive behavioral therapy, and self-help books have been shown to decrease global symptoms of irritable bowel syndrome (IBS) and improve overall quality of life (strength of recommendation [SOR]: B). For patients with severe refractory IBS, hypnosis has been shown to relieve symptoms (SOR: B). Soluble fiber is more effective than insoluble fiber at improving global IBS symptom ratings (SOR: C).

Clinical commentary
Be positive with your patients—it’s potent therapy
What do you do for your patients when their bodies speak for them—for their difficult emotions, personal problems, or broken relationships? Expressing positive regard in a safe, dependable doctor-patient relationship is your most potent therapy. Once your patient knows you care for them—and they are confident their diagnosis is troublesome but innocent—their symptoms may abate and spare them unnecessary workups. Encouraging them to address their intrapersonal or interpersonal issues through writing in a journal, meditative prayer, and relaxation breathing will help them take control of their symptoms.

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Evidence summary
Herbs and probiotics may help. A Cochrane review of herbal therapies evaluated 75 randomized controlled trials (RCTs), including 7957 patients; it concluded that some herbal preparations may reduce symptoms of IBS. However, more rigorous studies are needed: There was never more than 1 trial comparing a given herbal medicine with a specific control, making it difficult to combine trials in a meaningful way.1

A multicenter RCT compared 2 herbal formulations with placebo.2 The first contained extracts of bitter candytuft, chamomile, peppermint, caraway, and licorice. The second, a commercial preparation called Iberogast, had the same ingredients as the first, as well as lemon balm, celandine, angelica, and milk thistle. The study demonstrated global IBS symptom reduction, with a relative risk [RR] of 1.68 (99% confidence interval [CI], 1.00–2.8) for Iberogast, and RR=1.90 (99% CI, 1.15–3.14) for the first formulation. Both formulations were well tolerated and more effective than placebo in the treatment of IBS, regardless of the dominant symptom.

One RCT compared the probiotic formula Bifidobacterium infantis 35624 with
Hypnosis has been evaluated in several studies. A systematic review found 6 studies with a control and 8 without, for a total of 644 patients. An average of 80% of the patients reported global IBS symptom relief. Patients with typical IBS responded to hypnosis; however, males with diarrhea-predominant symptoms, and all subjects with atypical symptoms or comorbid psychopathology were less likely to respond.6

**References**