

Innovation in Managing Disorders of Gut-Brain Interaction



- › Digestive Health Conditions
- › Contributing Factors
- › Employer Innovation
- › Whole-person care

Digestive health issues are common & costly

61%

Of US adults have GI symptoms per week

\$142B

Cost of Digestive Diseases in the US

Almario CV, Ballal ML, Chey WD, Nordstrom C, Khanna D, Spiegel BMR. Burden of Gastrointestinal Symptoms in the United States: Results of a Nationally Representative Survey of Over 71,000 Americans. *Am J Gastroenterol*. 2018 Nov;113(11):1701-1710. doi: 10.1038/s41395-018-0256-8. Epub 2018 Oct 15. PMID: 30323268; PMCID: PMC6453579.

Everhart JE, Ruhl CE. Burden of digestive diseases in the United States part I: overall and upper gastrointestinal diseases. *Gastroenterology*. 2009 Feb;136(2):376-86. doi: 10.1053/j.gastro.2008.12.015. Epub 2009 Jan 3. PMID: 19124023.

Digestive diseases impact 60–70 million people every year

IMPACT TO HEALTH SYSTEM

48 million doctor visits

22 million hospitalizations

\$142 billion dollars in cost

IMPACT TO EMPLOYER

Employee productivity impacted 8 days per month

Employee misses 1.5 days of work per month

Rise in mental health claims

"Digestive Diseases Statistics for the United States – NIDDK." National Institute of Diabetes and Digestive and Kidney Diseases, U.S. Department of Health and Human Services, www.niddk.nih.gov/health-information/health-statistics/digestive-diseases. Accessed 20 Apr. 2024.

Ballou S, McMahon C, Lee HN, Katon J, Shin A, Rangan V, Singh P, Nee J, Camilleri M, Lembo A, Iturrino J. Effects of Irritable Bowel Syndrome on Daily Activities Vary Among Subtypes Based on Results From the IBS in America Survey. *Clin Gastroenterol Hepatol*. 2019 Nov;17(12):2471–2478.e3. doi: 10.1016/j.cgh.2019.08.016. Epub 2019 Aug 13. PMID: 31419572; PMCID: PMC7675784.

Staudacher HM, Black CJ, Teasdale SB, Mikocka-Walus A, Keefer L. Irritable bowel syndrome and mental health comorbidity – approach to multidisciplinary management. *Nat Rev Gastroenterol Hepatol*. 2023 Sep;20(9):582–596. doi: 10.1038/s41575-023-00794-z. Epub 2023 Jun 2. PMID: 37268741; PMCID: PMC10237074.

Traditional digestive care paths are fragmented

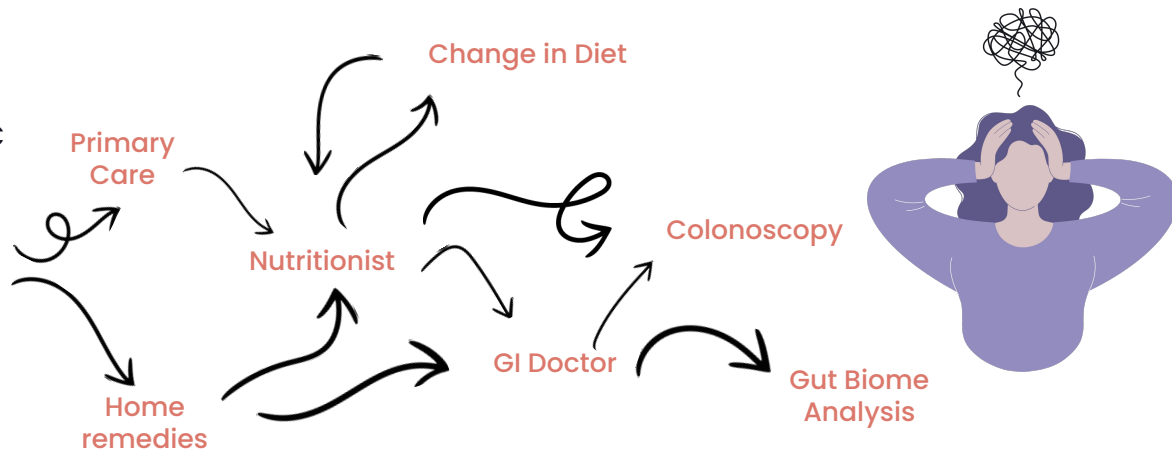


Nina

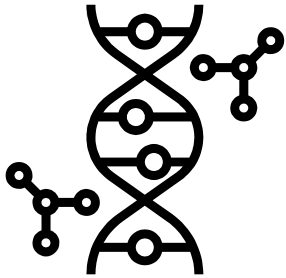
Suffers from IBS-C

Daily, painful cramping and bloating

Covered by employer's point solution



The fragmentation exists even with established point solutions



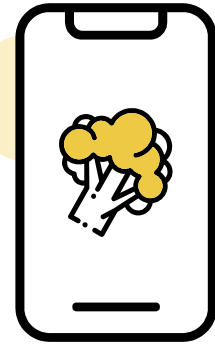
GUT BIOME/
GENETIC MAPPING



SYMPTOM
TRACKERS

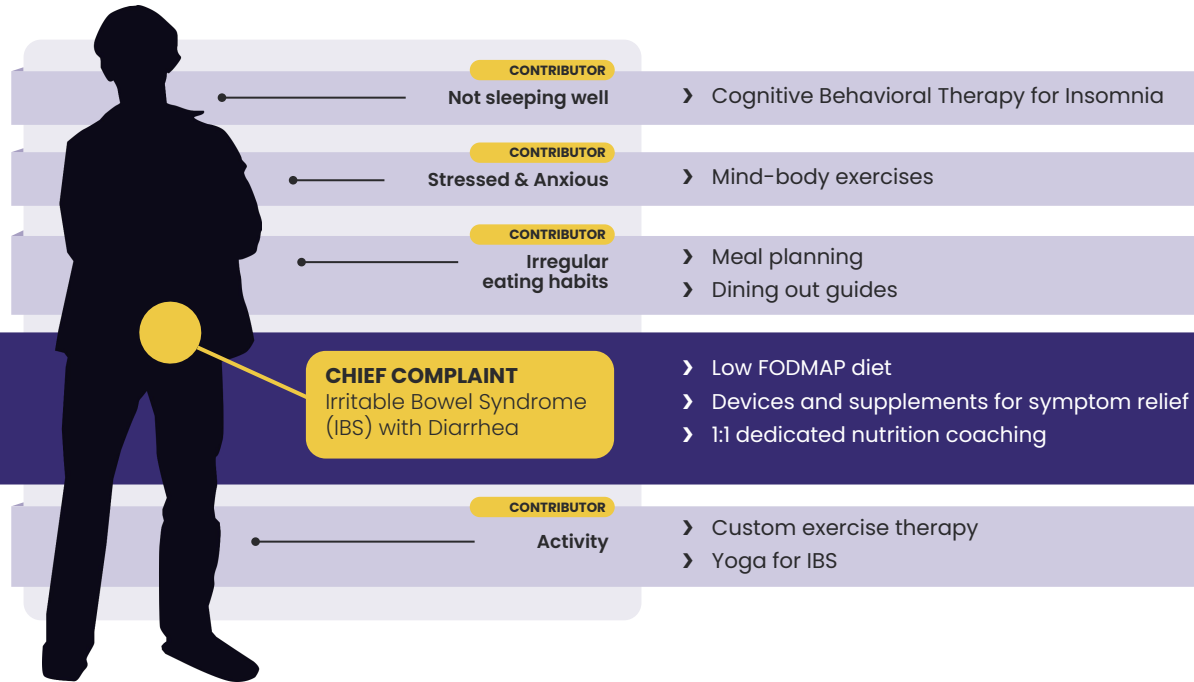


MIND BODY
APP



NUTRITION
APPS

An integrative approach is complete digestive care





Dr. Tracy Hamill

AVP, Medical Director,
Sun Life US Group Claims



Ms. Christina Prosser

Director, Health, Equity and
Wellbeing, **WTW**



Dr. Yousef Badran

Gastroenterology Fellow,
Massachusetts General Hospital



Daniel Zainulbhai

Chief Business Development
Officer, **Goodpath**