

Microbiome Information for: Hemorrhoidal disease, Hemorrhoids, Piles

For prescribing Medical professionals Review

The suggestions below are based on an Expert System (Artificial Intelligence) modelled after the MYCIN Expert System produced at Stanford University School of Medicine in 1972. The system uses over 1,800,000 facts with backward chaining to sources of information. The typical sources are studies published on the US National Library of Medicine.

Many recent studies has found that symptoms and symptom severity has strong associations to the microbiome for many conditions. Correcting the microbiome dysfunction is beleived to reduce the severity of symptoms. In some cases, this correction may cause symptoms to disappear.

These are *a priori suggestions* that are predicted to independently reduce microbiome dysfunction. Suggestions should *only be done after a review* by a medical professional factoring in patient's conditions, allergies and other issues.

This report may be freely shared by a patient to their medical professionals

Best practise for making microbiome adjustments is to obtain the individuals microbiome. The following are the best microbiome to use with this expert system model. The suggestions below are intended as temporary suggestions until a test result in received.

In the USA

Ombre (<https://www.ombrelab.com/>)

Thorne (<https://www.thorne.com/products/dp/gut-health-test>)

Worldwide: BiomeSight (<https://biomesight.com>) - Discount Code 'MICRO'

Analysis Provided by Microbiome Prescription

A Microbiome Analysis Company

892 Lake Samish Rd, Bellingham WA 98229

Email: Research@MicrobiomePrescription.com

[Our Facebook Discussion Page](#)

Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Hemorrhoidal disease, Hemorrhoids, Piles

Nota Bena: Many studies are done with a small sample size or mixtures of condition subsets which can greatly diminish the ability to detect bacteria shifts.

Bacteria Name	Rank	Shift	Taxonomy	ID	Bacteria Name	Rank	Shift	Taxonomy	ID
Alcaligenaceae	family	High		506	Oscillospira	genus	High		119852
Peptostreptococcaceae	family	High		186804	Phascolarctobacterium	genus	Low		33024
					Burkholderiales	order	High		80840

Substance to Consider Adding or Taking

These are the most significant substances that are likely to improve the microbiome dysfunction. Dosages are based on the dosages used in clinical studies. For more information see: <https://microbiomeprescription.com/library/dosages>. These are provided as examples only

Colors indicates the type of substance: i.e. probiotics and prebiotics, herbs and spices, etc. There is no further meaning to them.

Antibiotics annotated with [CFS] have been used with various degree of success with Myalgic Encephalomyelitis, Chronic Fatigue Syndrome, Chronic Lyme, Chronic Q-Fever and Long COVID conditions. Rotation of antibiotics with 3 weeks off between courses is recommended.

2H-1?6,2-benzothiazol-1,1,3-trione {Saccharin} 450 mg/day

alpha-tocopherol {Vitamin E} 60 IU/day

amlodipine,(prescription)

Animal cohabitation {Owning a Pet}

ascorbic acid {Vitamin C} 30 g/day

bacillus licheniformis {b. licheniformis} 10 BCFU/day

bacillus subtilis {B.Subtilis} 10 BCFU/day

bifidobacterium longum {B.Longum} 10 BCFU/day

Citrus aurantiifolia {Lime}

Citrus limon {Lemon}

D-glucose {Glucose}

Fiber, total dietary

Fraxinus angustifolia {Narrow-leaved ash}

fruit

grapes

High-fibre diet {Whole food diet}

Honey {Honey} 80 gram/day

Lactobacillus kefirnofaciens {Kefir Probiotic}

origanum vulgare {oregano}

Polyethylene oxide sorbitan mono-oleate {Polysorbate 80}

Prunus dulcis {Almonds} 90 gram/day

Pulvis ledebouriellae compositae {Bofutsushosan}

Rubus fruticosus {Blackberry}

Saccharomyces cerevisiae var boulardii {S. boulardii} 6 BCFU/day

Slow digestible carbohydrates. {Low Glycemic}

Sodium Chloride {Salt}

Traditional Mediterranean diet {Mediterranean diet}

vegetable

whole-grain diet

xylooligosaccharide 3 gram/day

Retail Probiotics

Over 260 retail probiotics were evaluated with the following deemed beneficial with no known adverse risks.

microbiome labs / restorflora
 Energybalance / ColoBiotica 28 Colon Support
 nature's instincts / ultra spore probiotic
 microbiome labs/ megasporebiotic
 perfect pass / perfect pass probiotic bacillus spore
 enviromedica terraflora sbo probiotic
 custom probiotics / five strain bifidobacteria
 aor / probiotio-3
 global health trax / threelac
 vitamin angels / just thrive
 florastor / florastor
 align / align
 klaire labs / ther-biotic factor 4
 mwsb / candida yeast support
 jarrow formulas / jarro-dophilus mood
 cytoplan(uk) /dentavital bifidophilus
 klaire labs / biospora
 spain (es) / axiboulardi
 spain (es) / ultralevura
 canada (ca) / calmbiotic
 optibac / saccharomyces boulardii
 philips / colon health
 microbiome labs /hu58
 SuperSmart / Bacillus Subtilis
 SuperSmart / Saccharomyces Boulardii
 Microbiome Labs / ZENBIOME Dual
 PrecisionBiotics / Zenflore
 PrecisionBiotics / Immune
 PharmExtracta / Bowell
 PharmExtracta (IT) / Gliadines buccal stickpacks
 Eden's / 3-in-1 Synbiotic Superblend
 Schwabe Pharma Italia / MegaStress
 Schwabe Pharma Italia / AxiBoulardi
 Bromatech / ENTERELLE PLUS
 Law of Nature / Best Days Formula
 Align® Extra Strength
 Align / Align® Chewables
 Probiotic Sticks
 Seeking Health / Probiota Bifidobacterium
 Maple Life Science™ / Bifidobacterium longum
 Wakunaga / Kyo-Dophilus® Multi 9 Probiotic
 Wakunaga / Pro+ Synbiotic
 Wakunaga / Daily Probiotic
 Wakunaga / 50+
 Bioflora (MX) / BIOFLORAMX / 50 BILLION 10 Strains
 Bulk Probiotics / Saccharomyces boulardii Probiotic Powder (Digestive Support)
 Bulk Probiotics / B. Longum Probiotic Powder
 Bulk Probiotics / Bacillus Subtilis Probiotic
 natviehealthcare.com/Renewbiome Bacillus
 organic 3 / primal soil
 organic 3 / yeastbiotic
 powerlabs (au) / ultra blend
 wakamoto (jp) / wakamoto pharmaceutical intestinal drug
 bio-botanical research / profiora4r restorative probiotic

reserveage nutrition / beautiflora
amy meyers / primal earth probiotic
corebiotic
naturopathica (au)/ gastrohealth probiotic daily care
naturopathica (au) / gastrohealth probiotic adults 50+
Jetson / FIT
Jetson (US) / Mood Probiotics
Jetson / Gut Prep
CustomProbiotics.com / B. Longum Probiotic Powder
Sanogermina / AB-Kolicare
Prescript-Assist®/SBO Probiotic
InnovixLabs / Mood Probiotic
Metabolics / Bifidobacterium Longum Powder
Genesis Bifidobacterium Complex BB Probiotic
Bromatech (IT) / Bifiselle
Bromatech (IT) / Enterelle
Bromatech (IT) / Serobiome
Ombre / Endless Energy
INVIVO THERAPEUTICS / Bio.Me IB +
BIO-BOTANICAL RESEARCH / Megacidin
CVSHealth / Daily Probiotic
imagilin / NutriLots Replenish
PoolPharma (IT) / ProbioTKMIO

Note: Some of these are only available regionally – search the web for sources.

Substance to Consider Reducing or Eliminating

These are the most significant substances have been identified as probably contributing to the microbiome dysfunction.

In some cases blood work may show low levels of some vitamins, etc. listed below. This may be due to *greedy* bacteria reported at a high level above. Viewing bacteria data on the Kyoto Encyclopedia of Genes and Genomes (<https://www.kegg.jp/>) may provide better insight on the course of action to take.

5,6-dihydro-9,10-dimethoxybenzo[g]-1,3-benzodioxolo[5,6-a]quinolizinium {Berberine}
 (2->1)-beta-D-fructofuranan {Inulin}
 (2S)-2-amino-4-carbamoylbutanoic acid {Glutamine}
 3,3',4',5,7-pentahydroxyflavone {Quercetin}
 3β-hydroxyurs-12-en-28-oic acid {Ursolic acid}
 4-hydroxyphenyl-beta-D-glucopyranoside {Arbutin}
 5,7-Dihydroxy-2-(4-hydroxyphenyl)-4H-1-benzopyran-4-one {Apigenin }
 Amorphophallus konjac {Konjaku flour}
 Arctium lappa {Burdock Root}
 azithromycin,[CFS]
 Brassica oleracea var. italica {Broccoli}
 Camellia Linnaeus {camellia}
 cranberry bean flour
 doxycycline [CFS]
 Epicatechin {Green tea polyphenol}
 fructo-oligosaccharides
 Hericium erinaceus {Lion's Mane Mushroom }
 Hibiscus {Rose mallow}
 High-protein diet {Atkins low-carbohydrate diet}
 Hydrastis canadensis {Goldenseal}
 Ipomoea batata {Purple sweet potatoes}
 ketogenic diet
 Lactocaseibacillus casei {L. casei}

Lactobacillus plantarum {L. plantarum}
 Ligilactobacillus salivarius {L. salivarius}
 Limosilactobacillus reuteri {L. Reuteri}
 Linum usitatissimum {Flaxseed}
 long-term, moderate-intensity exercise {exercise}
 Lonicera periclymenum {Epazote}
 low-fat diets
 Lycopene {Glucosamine (GS)}
 Mixture of Vitamin B? {B Vitamins}
 Morus {Mulberry }
 nuts
 oligosaccharides {oligosaccharides}
 Plantago {Psyllium}
 Poly[β-D-xylopyranose(1->4)] {Xylan}
 polymannuronic acid
 red wine
 Sorghum {Broomcorn}
 steviol glycosides {Stevia}
 synthetic disaccharide derivative of lactose {Lactulose}
 tea
 Ulmus rubra {slippery elm}
 Under cooked animal protein {Rare meat}
 walnuts

Sample of Literature Used

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Acne

Addison's Disease (hypocortisolism)

ADHD

Age-Related Macular Degeneration and Glaucoma

Allergic Rhinitis (Hay Fever)

Allergies

Allergy to milk products

Alopecia (Hair Loss)

Alzheimer's disease

Amyotrophic lateral sclerosis (ALS) Motor Neuron

Ankylosing spondylitis

Anorexia Nervosa

Antiphospholipid syndrome (APS)

Asthma

Atherosclerosis

Atrial fibrillation

Autism

Autoimmune Disease

Barrett esophagus cancer

benign prostatic hyperplasia

Biofilm

Bipolar Disorder

Brain Trauma

Breast Cancer

Cancer (General)

Carcinoma
cdkl5 deficiency disorder
Celiac Disease
Cerebral Palsy
Chronic Fatigue Syndrome
Chronic Kidney Disease
Chronic Lyme
Chronic Obstructive Pulmonary Disease (COPD)
Chronic Urticaria (Hives)
Coagulation / Micro clot triggering bacteria
Cognitive Function
Colorectal Cancer
Constipation
Coronary artery disease
COVID-19
Crohn's Disease
Cushing's Syndrome (hypercortisolism)
cystic fibrosis
d-lactic acidosis (one form of brain fog)
deep vein thrombosis
Denture Wearers Oral Shifts
Depression
Dermatomyositis
Eczema
Endometriosis
Eosinophilic Esophagitis
Epilepsy
erectile dysfunction
Fibromyalgia
Food Allergy
Functional constipation / chronic idiopathic constipation
gallstone disease (gsd)
Gastroesophageal reflux disease (Gerd) including Barrett's esophagus
Generalized anxiety disorder
giant cell arteritis
Glioblastoma
Gout
Graves' disease
Gulf War Syndrome
Halitosis
Hashimoto's thyroiditis
Heart Failure
hemorrhagic stroke
Hemorrhoidal disease, Hemorrhoids, Piles
Hidradenitis Suppurativa
High Histamine/low DAO
hypercholesterolemia (High Cholesterol)
hyperglycemia
Hyperlipidemia (High Blood Fats)
hypersomnia
hypertension (High Blood Pressure)
Hypothyroidism
Hypoxia
IgA nephropathy (IgAN)
Inflammatory Bowel Disease
Insomnia
Intelligence
Intracranial aneurysms

Irritable Bowel Syndrome
ischemic stroke
Juvenile idiopathic arthritis
Liver Cirrhosis
liver fibrosis
Long COVID
Low bone mineral density
Lung Cancer
Lymphoma
Mast Cell Issues / mastitis
ME/CFS with IBS
ME/CFS without IBS
membranous nephropathy
Menopause
Metabolic Syndrome
Mood Disorders
multiple chemical sensitivity [MCS]
Multiple Sclerosis
Multiple system atrophy (MSA)
myasthenia gravis
neuropathic pain
Neuropathy (all types)
neuropsychiatric disorders (PANDAS, PANS)
Nonalcoholic Fatty Liver Disease (nafld) Nonalcoholic
NonCeliac Gluten Sensitivity
Obesity
obsessive-compulsive disorder
Osteoarthritis
Osteoporosis
pancreatic cancer
Parkinson's Disease
Peanut Allergy
Polycystic ovary syndrome
Postural orthostatic tachycardia syndrome
Premenstrual dysphoric disorder
primary biliary cholangitis
Primary sclerosing cholangitis
Psoriasis
rheumatoid arthritis (RA),Spondyloarthritis (SpA)
Rosacea
Schizophrenia
scoliosis
sensorineural hearing loss
Sjögren syndrome
Sleep Apnea
Slow gastric motility / Gastroparesis
Small Intestinal Bacterial Overgrowth (SIBO)
Stress / posttraumatic stress disorder
Systemic Lupus Erythematosus
Tic Disorder
Tourette syndrome
Type 1 Diabetes
Type 2 Diabetes
Ulcerative colitis
Unhealthy Ageing
Vitiligo