

Microbiome Information for: Hemorrhoidal disease, Hemorrhoids, Piles

For non-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
Alcaligenaceae	family High	506
Peptostreptococcaceae	family High	186804

Bacteria Name	Rank Shift	Taxonomy ID
Oscillospira	genus High	119852
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.

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

alpha-tocopherol {Vitamin E} 60 IU/day

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}

Fraxinus angustifolia {Narrow-leaved ash}

fruit

grapes

Honey {Honey} 80 gram/day

Lactobacillus kefiranofaciens {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

Sodium Chloride {Salt}

vegetable

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
 microbiome labs/ megasporebiotic
 Energybalance / ColoBiotica 28 Colon Support
 nature's instincts / ultra spore probiotic
 PrecisionBiotics / Immune
 Genesis Bifidobacterium Complex BB Probiotic
 cytoplankton (uk) / dentavital bifidophilus
 CustomProbiotics.com / B. Longum Probiotic Powder
 powerlabs (au) / ultra blend
 jarro formulas / jarro-dophilus mood
 SuperSmart / Saccharomyces Boulardii
 microbiome labs / hu58
 Schwabe Pharma Italia / AxiBoulardi
 perfect pass / perfect pass probiotic bacillus spore
 Probiotic Sticks
 global health trax / threelac
 spain (es) / axiboulardi
 Law of Nature / Best Days Formula
 Wakunaga / Pro+ Synbiotic
 naturopathica (au)/ gastrohealth probiotic daily care
 bio-botanical research / proflora4r restorative probiotic
 Eden's / 3-in-1 Synbiotic Superblend
 Bulk Probiotics / Saccharomyces boulardii Probiotic Powder (Digestive Support)
 Sanogermina / AB-Kolicare
 claire labs / biospora
 Bromatech / ENTERELLE PLUS
 Maple Life Science™ / Bifidobacterium longum
 Bulk Probiotics / Bacillus Subtilis Probiotic
 Metabolics / Bifidobacterium Longum Powder
 Bulk Probiotics / B. Longum Probiotic Powder
 aor / probiotic-3
 vitamin angels / just thrive
 Seeking Health / Probiota Bifidobacterium
 INVIVO THERAPEUTICS / Bio.Me IB +
 align / align
 Bromatech (IT) / Enterelle
 organic 3 / primal soil
 Align® Extra Strength
 SuperSmart / Bacillus Subtilis
 naturopathica (au) / gastrohealth probiotic adults 50+
 Schwabe Pharma Italia / MegaStress
 florastor / florastor
 BIO-BOTANICAL RESEARCH / Megacidin
 reserveage nutrition / beautiflora
 amy meyers / primal earth probiotic
 PrecisionBiotics / Zenflore
 PharmExtracta / Bowell
 Jetson / Gut Prep
 Bioflora (MX) / BIOFLORAMX / 50 BILLION 10 Strains
 Align / Align® Chewables
 Wakunaga / Kyo-Dophilus® Multi 9 Probiotic
 philips / colon health
 imagilin / NutriLots Replenish
 Ombre / Endless Energy

Jetson / FIT
Prescript-Assist®/SBO Probiotic
optibac / saccharomyces boulardii
Bromatech (IT) / Bifiselle
wakamoto (jp) / wakamoto pharmaceutical intestinal drug
custom probiotics / five strain bifidobacteria
Wakunaga / Daily Probiotic
enviromedica terraflora sbo probiotic
Microbiome Labs / ZENBIOME Dual
canada (ca) / calmbiotic
Jetson (US) / Mood Probiotics
klaire labs / ther-biotic factor 4
InnovixLabs / Mood Probiotic
spain (es) / ultralevura
PoolPharma (IT) / ProbioTKMIO
Wakunaga / 50+
organic 3 / yeastbiotic
CVSHealth / Daily Probiotic
Bromatech (IT) / Serobiome
corebiotic
PharmExtracta (IT) / Gliadines buccal stickpacks
mwsb / candida yeast support

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 {konjac}
 Amorphophallus konjac {Konjaku flour}
 Arctium lappa {Burdock Root}
 Brassica oleracea var. italica {Broccoli}
 Camellia Linnaeus {camellia}
 cranberry bean flour
 Epicatechin {Green tea polyphenol}
 fructo-oligosaccharides
 Hericium erinaceus {Lion's Mane Mushroom }
 Hibiscus {Rose mallow}
 Hydrastis canadensis {Goldenseal}
 Ipomoea batata {Purple sweet potatoes}
 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}
 Lycopene {Glucosamine (GS)}
 Mixture of Vitamin B? {B Vitamins}
 Morus {Mulberry }
 nuts
 oligosaccharides {oligosaccharides}
 Plantago {Psyllium}
 Poly[β-D-xylopyranose(1->4)] {Xylan}
 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
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