

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 have found that symptoms and symptom severity have strong associations to the microbiome for many conditions. Correcting the microbiome dysfunction is believed 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 individual's 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 is 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	<i>family</i>	High	506
Peptostreptococcaceae	<i>family</i>	High	186804
Oscillospira	<i>genus</i>	High	<u>119852</u>
Phascolarctobacterium	<i>genus</i>	Low	33024
Burkholderiales	<i>order</i>	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

3,5,7-trihydroxy-2-(4-hydroxyphenyl)chromen-4-one

{kaempferol}

alpha-tocopherol {Vitamin E} 60 IU/day

Animal cohabitation {Owning a Pet}

ascorbic acid {Vitamin C} 30 g/day

Avena sativa {Oats}

bacillus subtilis {B.Subtilis} 10 BCFU/day

bifidobacterium bifidum {B. bifidum} 1 BCFU/day

Citrus aurantiifolia {Lime}

Citrus limon {Lemon}

Decoction of Four Noble Drugs {Sijunzi Decoction (SJZD)}

D-glucose {Glucose}

Disodium fumarate {Fumaric acid disodium salt}

Ethyl alcohol {Grain alcohol}

Fraxinus angustifolia {Narrow-leaved ash}

Grape Polyphenols {Grape Flavonoids}

grapes

Honey {Honey} 80 gram/day

kefir

Lactobacillus kefiranofaciens {Kefir Probiotic}

origanum vulgare {oregano}

Piper nigrum {black pepper}

polyphenols 3 gram/day

Prunus dulcis {Almonds} 90 gram/day

Pulvis ledebouriellae compositae {Bofutsushosan}

Riboflavin {Vitamin B2} 400 mg/day

Sodium Chloride {Salt}

vegetable

xyloligosaccharide 3 gram/day

β-lactoglobulin {Whey} 60 gram/day

Retail Probiotics

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

Wholesome Wellness / Raw Probiotic
Prescript-Assist®/SBO Probiotic
Metabolics / Bifidobacterium Bifidum Powder
Genesis Bifidobacterium Complex BB Probiotic
Bromatech (IT) / Acronelle
Bromatech (IT) / Bifiselle
Ombre / Endless Energy
INVIVO THERAPEUTICS / Bio.Me IB +
BIO-BOTANICAL RESEARCH / Megacidin
NOW FOODS / Clinical GI Probiotic
Energybalance / ColoBiotica 28 Colon Support
SuperSmart / Bacillus Subtilis
Law of Nature / Best Days Formula
HMF Forte
HMF IBS Relief
HMF Intensive
Probiotic 10 Billion Active Cells Daily Maintenance
Seeking Health / Probiota Bifidobacterium
Maple Life Science™ / Bifidobacterium Bifidum
Wakunaga / Kyo-Dophilus® Multi 9 Probiotic
Wakunaga / Pro+ Synbiotic
Wakunaga / Daily Probiotic
Wakunaga / 50+
Bioflora (MX) / BIOFLORAMX / 50 BILLION 10 Strains
Bulk Probiotics / B. Bifidum Probiotic Powder (Anxiety Support)
Bulk Probiotics / Bacillus Subtilis Probiotic
natviehealthcare.com/Renewbiome Bacillus
custom probiotics / b. lactis & b. bifidum probiotic powder
custom probiotics / five strain bifidobacteria
aor / probiotic-3
global health trax / threelac
vitamin angels / just thrive
microbiome labs/ megasporebiotic
perfect pass / perfect pass probiotic bacillus spore
enviromedica terraflora sbo probiotic
nature's instincts / ultra spore probiotic
natren / healthy trinity probiotic
natren / bifido factor
speer labs / emuaid first defense
klaire labs / ther-biotic factor 4
jamieson (can) / probiotic 10 bcfu
mwsb / candida yeast support
klaire labs / target gb-x
cytoplan(uk) /dentavital bifidophilus
klaire labs / biospora
spain (es) / profaes4 viajeros
spain (es) / profaes4 edad escolar
genestra brands® hm
gnc / ultra probiotic complex
philips / colon health
microbiome labs / hu58
microbiome labs / restorflora
organic 3 / primal soil
powerlabs (au) / ultra blend

shin biofermin (jp) /s
wakamoto (jp) / wakamoto pharmaceutical intestinal drug
bio-botanical research / proflora4r restorative probiotic
reserveage nutrition / beautiflora
bravo europe / starter and complex
amy meyers / primal earth probiotic
corebiotic
blackmore (au) / probiotics+ bowel support
Nu U (uk) / Bio-Cultures Complex
Jetson / FIT
Jetson (US) / Mood Probiotics
Jetson (US) / Immunity Probiotics
Jetson / Gut Prep
ecology_allergycare
customprobiotics.com / B. Bifidum Probiotic Powder
HLH BIOPHARMA(DE) / LACTOBACT ® OMNI FOS

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}

5,7-Dihydroxy-2-(4-hydroxyphenyl)-4H-1-benzopyran-4-one {Apigenin }

Arctium lappa {Burdock Root}

fructo-oligosaccharides

fruit

fruit/legume fibre

Hericium erinaceus {Lion's Mane Mushroom }

Hydrastis canadensis {Goldenseal}

Ipomoea batata {Purple sweet potatoes}

Lactobacillus plantarum {L. plantarum}

nuts

Plantago {Psyllium}

Punica granatum {pomegranate}

red wine

Sample of Literature Used

The following are the most significant of the studies used to generate these suggestions.

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Additional APriori Analysis Available

Available at: <https://microbiomeprescription.com/Library/PubMed>

Abdominal Aortic Aneurysm

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-Hactic 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