

## 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**

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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

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[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.

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  
 klair labs / ther-biotic factor 4  
 jamieson (can) / probiotic 10 bcfu  
 mwsb / candida yeast support  
 klair labs / target gb-x  
 cytoplan(uk) / dentavital bifidophilus  
 klair 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-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