

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	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	grapes	
3,5,7-trihydroxy-2-(4-hydroxyphenyl)chromen-4-one {kaempferol}		Heyndrickxia coagulans {B. coagulans}	10 BCFU/day
alpha-tocopherol {Vitamin E}	60 IU/day	Hordeum vulgare {Barley}	60 gram/day
Animal cohabitation {Owning a Pet}		Lactobacillus kefiranofaciens {Kefir Probiotic}	
ascorbic acid {Vitamin C}	30 g/day	laminaria digitata {Oarweed}	
bacillus		Magnesium Compounds {Magnesium supplements}	500 mg/day
bacillus licheniformis {b. licheniformis}	10 BCFU/day	olive oil {olive oil}	
bacillus subtilis {B.Subtilis}	10 BCFU/day	organum vulgare {oregano}	
bacillus,lactobacillus,streptococcus,saccharomyces probiotic		Piper nigrum {black pepper}	
bifidobacterium bifidum {B. bifidum}	1 BCFU/day	polyphenols	3 gram/day
bifidobacterium longum {B.Longum}	10 BCFU/day	Prunus dulcis {Almonds}	90 gram/day
Clostridium butyricum MIYAIRI 588 {Miyarisan}	1 gram/day	Pulvis ledebouriellae compositae {Bofutsushosan}	
Decoction of Four Noble Drugs {Sijunzi Decoction (SJZD)}		Rubus fruticosus {Blackberry}	
D-glucose {Glucose}		Sodium Chloride {Salt}	
Ethyl alcohol {Grain alcohol}		soy	25 gram/day
Fraxinus angustifolia {Narrow-leaved ash}		vegetable	
Grape Polyphenols {Grape Flavonoids}		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.

microbiome labs/ megasporebiotic
 global health trax / threelac
 Law of Nature / Best Days Formula
 perfect pass / perfect pass probiotic bacillus spore
 klair labs / biospora
 Energybalance / ColoBiotica 28 Colon Support
 Wakunaga / Pro+ Synbiotic
 bio-botanical research / proflora4r restorative probiotic
 nature's instincts / ultra spore probiotic
 Genesis Bifidobacterium Complex BB Probiotic
 cytoplan(uk) / dentavital bifidophilus
 mwsb / candida yeast support
 aor / probiotic-3
 vitamin angels / just thrive
 Sun Wave Pharma/Bio Sun Instant
 organic 3 / primal soil
 Maple Life Science™ / Streptococcus faecalis butyricum mesentericus sporogenes
 BIO-BOTANICAL RESEARCH / Megacidin
 reserveage nutrition / beautiflora
 Seeking Health / Probiota Bifidobacterium
 jamieson (can) / probiotic 10 bcfu
 Wakunaga / Kyo-Dophilus® Multi 9 Probiotic
 philips / colon health
 Jetson / FIT
 bravo europe / starter and complex
 Bromatech (IT) / Bifiselle
 wakamoto (jp) / wakamoto pharmaceutical intestinal drug
 custom probiotics / five strain bifidobacteria
 Wakunaga / Daily Probiotic
 enviromedica terraflora sbo probiotic
 klair labs / ther-biotic factor 4
 Wakunaga / 50+
 corebiotic
 SuperSmart / Oral Health
 Bulk Probiotics / Bacillus Coagulans Probiotic
 Metabolics / Bifidobacterium Bifidum Powder
 PharmExtracta (IT) / Gliadines buccal stickpacks
 CVSHealth / Daily Probiotic
 Bromatech (IT) / Serobiome
 Nu U (uk) / Bio-Cultures Complex
 daiichi sankyo healthcare (jp) / panlacmin tablet
 InnovixLabs / Mood Probiotic
 PoolPharma (IT) / ProbioTKMIO
 Microbiome Labs / ZENBIOME Dual
 canada (ca) / calmbiotic
 Jetson (US) / Mood Probiotics
 schiff / digestive advantage
 thorne / bacillus coagulansvet 60 caps
 Bulk Probiotics / B. Bifidum Probiotic Powder (Anxiety Support)
 Pendulum / Pendulum Glucose Control
 spain (es) / profaes4 viajeros
 Prescript-Assist®/SBO Probiotic
 source naturals / durafloa
 Ombre / Endless Energy

custom probiotics / d-lactate free probiotics powder
 shin biofermin (jp) /s
 Bioflora (MX) / BIOFLORAMX / 50 BILLION 10 Strains
 Align / Align® Chewables
 INVIVO THERAPEUTICS / Bio.Me IB +
 align / align
 PharmExtracta (IT) / Butirisan
 amy meyers / primal earth probiotic
 PrecisionBiotics / Zenflore
 PharmExtracta / Bowell
 Jetson / Gut Prep
 Bromatech (IT) / Acronelle
 Align® Extra Strength
 SuperSmart / Bacillus Subtilis
 HLH BIOPHARMA(DE) / LACTOBACT ® AAD
 customprobiotics.com / B. Bifidum Probiotic Powder
 naturopathica (au) / gastrohealth probiotic adults 50+
 HMF Intensive
 Schwabe Pharma Italia / MegaStress
 nature's way (au) / adult vita gummies daily probiotic 80s
 microbiome labs / restorflora
 Maple Life Science™ / Bifidobacterium Bifidum
 genestra brands® hm
 Bromatech (IT) / Rotanelle plus
 Maple Life Science™ / Bifidobacterium longum
 Bulk Probiotics / Bacillus Subtilis Probiotic
 Metabolics / Bifidobacterium Longum Powder
 Bulk Probiotics / B. Longum Probiotic Powder
 Biomed / Bacillus Coagulans
 CustomProbiotics.com / B. Longum Probiotic Powder
 powerlabs (au) / ultra blend
 gnc / ultra probiotic complex
 natren / healthy trinity probiotic
 PrecisionBiotics / Immune
 Eden's / 3-in-1 Synbiotic Superblend
 naturopathica (au) / gastrohealth probiotic daily care
 custom probiotics / b. lactis & b. bifidum probiotic powder
 jarro formulas / jarro-dophilus mood
 spain (es) / profaes4 edad escolar
 microbiome labs / hu58
 blackmore (au) / probiotics+ bowel support
 Pendulum / Metabolic Daily
 miyarisan (jp) / miyarisan
 HMF Forte
 Bioflora(MX) / Woman
 natren / bifido factor
 Probiotic Sticks
 Ombre / Metabolic Booster
 speer labs / emuaid first defense
 HMF IBS Relief
 Sanogermina / AB-Kolicare

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}
 2-aminoacetic acid {glycine}
 3,3',4',5,7-pentahydroxyflavone {Quercetin}
 4-hydroxyphenyl-beta-D-glucopyranoside {Arbutin}
 5,7-Dihydroxy-2-(4-hydroxyphenyl)-4H-1-benzopyran-4-one {Apigenin }
 Amorphophallus konjac {konjac}
 Arctium lappa {Burdock Root}
 Brassica oleracea var. italica {Broccoli}
 cranberry bean flour
 fructo-oligosaccharides
 fruit/legume fibre
 Hericium erinaceus {Lion's Mane Mushroom }
 Hibiscus {Rose mallow}
 Ipomoea batata {Purple sweet potatoes}

Lactocaseibacillus casei {L. casei}
 Lactobacillus plantarum {L. plantarum}
 Linum usitatissimum {Flaxseed}
 Lonicera periclymenum {Epazote}
 Lycopene {Glucosamine (GS)}
 Mannan oligosaccharides {Mannooligosaccharide}
 Morus {Mulberry }
 Musa acuminata {Banana}
 nuts
 Plantago {Psyllium}
 Poly[β-D-xylopyranose(1->4)] {Xylan}
 Punica granatum {pomegranate}
 red wine
 Silver nanoparticles {Colloidal silver}
 synthetic disaccharide derivative of lactose {Lactulose}
 Ulmus rubra {slippery elm}

Sample of Literature Used

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

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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
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