

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 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.

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	High-fibre diet {Whole food diet}
alpha-tocopherol {Vitamin E}	60 IU/day	Honey {Honey } 80 gram/day
amlodipine,(prescription)		<i>Lactobacillus kefiranofaciens</i> {Kefir Probiotic}
Animal cohabitation {Owning a Pet}		<i>origanum vulgare</i> {oregano}
ascorbic acid {Vitamin C}	30 g/day	Polyethylene oxide sorbitan mono-oleate {Polysorbate 80}
<i>bacillus licheniformis</i> {b. licheniformis}	10 BCFU/day	<i>Prunus dulcis</i> {Almonds} 90 gram/day
<i>bacillus subtilis</i> {B.Subtilis }	10 BCFU/day	<i>Pulvis ledebouriellae compositae</i> {Bofutsushosan}
<i>bifidobacterium longum</i> {B.Longum }	10 BCFU/day	<i>Rubus fruticosus</i> {Blackberry}
<i>Citrus aurantiifolia</i> {Lime}		<i>Saccharomyces cerevisiae</i> var <i>boulardii</i> {S. boulardii} 6 BCFU/day
<i>Citrus limon</i> {Lemon}		Slow digestible carbohydrates. {Low Glycemic}
D-glucose {Glucose}		Sodium Chloride {Salt}
Fiber, total dietary		Traditional Mediterranean diet {Mediterranean diet}
Fraxinus angustifolia {Narrow-leaved ash}		vegetable
fruit		whole-grain diet
grapes		<i>xylooligosaccharide</i> 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 / probiotic-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) / Giadines 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 / proflora4r 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) / ProbioTKM10

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[<i>g</i>]-1,3-benzodioxol[5,6- <i>a</i>]quinolizinium {Berberine}	Lactobacillus plantarum { <i>L. plantarum</i> }
(2->1)-beta-D-fructofuranan {Inulin}	Ligilactobacillus salivarius { <i>L. salivarius</i> }
(2 <i>S</i>)-2-amino-4-carbamoylbutanoic acid {Glutamine}	Limosilactobacillus reuteri { <i>L. Reuteri</i> }
3,3',4',5,7-pentahydroxyflavone {Quercetin}	Linum usitatissimum {Flaxseed}
3β-hydroxyurs-12-en-28-oic acid {Ursolic acid}	long-term, moderate-intensity exercise {exercise}
4-hydroxyphenyl-beta-D-glucopyranoside {Arbutin}	Lonicera periclymenum {Epazote}
5,7-Dihydroxy-2-(4-hydroxyphenyl)-4H-1-benzopyran-4-one {Apigenin }	low-fat diets
Amorphophallus konjac {Konjaku flour}	Lycopene {Glucosamine (GS)}
Arctium lappa {Burdock Root}	Mixture of Vitamin B? {B Vitamins}
azithromycin,[CFS]	Morus {Mulberry }
Brassica oleracea var. italicica {Broccoli}	nuts
Camellia Linnaeus {camellia}	oligosaccharides {oligosaccharides}
cranberry bean flour	Plantago {Psyllium}
doxycycline [CFS]	Poly[β-D-xylopyranose(1->4)] {Xylan}
Epicatechin {Green tea polyphenol}	polymannuronic acid
fructo-oligosaccharides	red wine
Hericium erinaceus {Lion's Mane Mushroom }	Sorghum {Broomcorn}
Hibiscus {Rose mallow}	steviol glycosides {Stevia}
High-protein diet {Atkins low-carbohydrate diet}	synthetic disaccharide derivative of lactose {Lactulose}
Hydrastis canadensis {Goldenseal}	tea
Ipomoea batata {Purple sweet potatoes}	Ulmus rubra {slippery elm}
ketogenic diet	Under cooked animal protein {Rare meat}
Lacticaseibacillus casei { <i>L. casei</i> }	walnuts

Sample of Literature Used

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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
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