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 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

A Microbiome Analysis Company

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Email: Research@MicrobiomePrescription.com

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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*
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.

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

Retail Probiotics

Over 260 retail probiotics were evaluted with the following deem 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
- klaire 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
- klaire 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 / duraflora
- 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) / Butirrisan
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
jarrow 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 signigicant 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}
azithromycin,[CFS]
Brassica oleracea var. italica {Broccoli}
cranberry bean flour
dietary fiber
fructo-oligosaccharides
fruit/legume fibre
Hericium erinaceus {Lion's Mane Mushroom }
Hibiscus {Rose mallow}
Ipomoea batata {Purple sweet potatoes}
Lacticaseibacillus 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}
polymannuronic acid
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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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