

Microbiome Information for: hypersomnia

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

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 hypersomnia

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
Betaproteobacteria	class	High	28216	Gordonibacter	genus	Low	644652
Coriobacteriia	class	Low	84998	Hungatella	genus	Low	1649459
Barnesiellaceae	family	Low	2005519	Klebsiella	genus	High	570
Lachnospiraceae	family	Low	186803	Lactococcus	genus	Low	1357
Alloprevotella	genus	High	1283313	Phocaea	genus	Low	1926663
Barnesiella	genus	Low	397864	Prevotella	genus	High	838
Bilophila	genus	Low	35832	Ruminiclostridium	genus	Low	1508657
Blautia	genus	Low	572511	Coriobacteriales	order	Low	84999
Collinsella	genus	Low	102106	Mycoplasmoides pneumoniae	species	High	2104
Flavonifractor	genus	High	946234	Streptococcus pyogenes	species	High	1314
				Tropheryma whipplei	species	High	2039

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.

Abstention from eating {Fasting}

Avena sativa {Oats}

Cannabis sativa {Marijuana}

cranberry bean flour

Crataegus {Hawthorn}

DOXYCYCLINE [CFS]

Echinacea Moench {Echinacea} 4 gram/day

Ethyl alcohol {Grain alcohol}

Euphausia superba {Krill Oil} 4 gram/day

florfenicol

Galacto-oligosaccharides {GOS}

Grape Polyphenols {Grape Flavonoids}

grapes

green tea

high-fat diets

Humulus lupulus {Hops}

hypocaloric hyperproteic diet

Latilactobacillus sakei {Lactobacillus sakei}

Phaseolus vulgaris {Boston bean}

Plantago {Psyllium} 6.8 gram/day

polyphenols 3 gram/day

pseudo-cereals {amaranth, quinoa, taro, buckwheat}

resveratrol-pterostilbene x Quercetin {quercetin x resveratrol}

Sleep apnea {partial sleep deprivation}

β -sitosterol {beta-sitosterol}

tea

Thiamine {Vitamin B1} 1.8 gram/day

Traditional Mediterranean diet {Mediterranean diet}

Tributyrin

Retail Probiotics

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

Lanto Sinus

Bulk Probiotics / L. Sakei Probiotic Powder (Sinus Support)

Kimchi Power / Lactobacillus Sakei

Lanto Health / Lanto Sinus Probiotic Powder

NASOBIOTEX / L. SAKEI POWDER

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}
bacillus
bacillus,lactobacillus,streptococcus,saccharomyces probiotic
Bifidobacterium animalis {B. animalis}
gentamicin
Hordeum vulgare {Barley}
Limosilactobacillus fermentum {L. fermentum}

Limosilactobacillus reuteri {L. Reuteri}
long-term, moderate-intensity exercise {exercise}
pectin {pectin}
Saccharomyces cerevisiae var boulardii {S. boulardii}
Slow digestible carbohydrates. {Low Glycemic}
walnuts
wheat
whole-grain diet
yogurt

Sample of Literature Used

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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