

Microbiome Information for: Constipation

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 *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/>)

Thome (<https://www.thome.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

Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Constipation

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
Blautia	<i>genus</i>	Low	572511
Citrobacter	<i>genus</i>	High	544
Escherichia	<i>genus</i>	High	561
Faecalibacterium	<i>genus</i>	Low	216851

Bacteria Name	Rank	Shift	Taxonomy ID
Prevotella	<i>genus</i>	Low	838
Pseudomonas	<i>genus</i>	High	286
Roseburia	<i>genus</i>	Low	841
Shigella	<i>genus</i>	High	620

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.

Arbutin (polyphenol) 100 mg/day	ku ding cha tea
aspartame (sweetner)	Lactobacillus salivarius UCC118
beef	linseed(flaxseed) 30 mg/day
bifidobacterium bifidum (probiotics) 1.BCFU/day	luteolin (flavonoid) 400 mg/day
cadium	mannooligosaccharide (prebiotic) 8 gram/day
cannabinoids	mastic gum (prebiotic) 1000 mg/day
carboxymethyl cellulose (prebiotic)	melatonin supplement 10 mg/day
carob	rare meat
colinfant e.coli probiotics	red alga <i>Laurencia tristicha</i>
Cranberry	refined wheat breads
dairy	retinoic acid,(Vitamin A derivative)
diosmin,(polyphenol) 1500 mg/day	Slippery Elm
extra virgin olive oil	sugar
fluorine	symbioflor 2 e.coli probiotics
General Biotics Equilibrium	Vitamin B1,thiamine hydrochloride 1.8 gram/day
grape polyphenols	vitamin B3,niacin 3000 mg/day
green-lipped mussel	Vitamin B6,pyridoxine hydrochloride 200 mg/day
iron 400 mg/day	vitamin B7, biotin 300 mg/day
	Vitamin B9,folic acid 5 mg/day

Retail Probiotics

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

gnc / ultra probiotic complex
natren / healthy trinity probiotic
Genesis Bifidobacterium Complex BB Probiotic
cytoplan(uk) / dentavital bifidophilus
symbiopharm / symbioflo 2
genestra brands@ hm
customprobiotics.com / B. Bifidum Probiotic Powder
Bromatech (IT) / Acronelle
jamieson (can) / probiotic 10 bcfu
shin biofermin (jp) /s
philips / colon health
Ombre / Endless Energy
bravo europe / starter and complex
optibac / for every day
Bromatech (IT) / Bifiselle
wakamoto (jp) / wakamoto pharmaceutical intestinal drug
custom probiotics / five strain bifidobacteria
spain (es) / profaes4 viajeros
klaire labs / ther-biotic factor 4
Nu U (uk) / Bio-Cultures Complex
Metabolics / Bifidobacterium Bifidum Powder
ISCON Elegance/ Ochek Capsule 10
custom probiotics / b. lactis & b. bifidum probiotic powder
spain (es) / profaes4 edad escolar
blackmore (au) / probiotics+ bowel support
natren / bifido factor
speer labs / emuaid first defense

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.

arabinogalactan (prebiotic)

barley

berberine

inulin (prebiotic)

lactobacillus casei (probiotics)

lactobacillus plantarum (probiotics)

lactobacillus rhamnosus gg (probiotics)

oregano (*origanum vulgare*, oil) |

Sample of Literature Used

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Acne
ADHD
Allergic Rhinitis (Hay Fever)
Allergies
Alopecia (Hair Loss)
Alzheimer's disease
Amyotrophic lateral sclerosis (ALS) Motor Neuron
Ankylosing spondylitis
Anorexia Nervosa
Antiphospholipid syndrome (APS)
Asthma
Atherosclerosis
Autism
Autoimmune Disease
Barrett esophagus cancer
Bipolar Disorder
Brain Trauma
Carcinoma
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
Colorectal Cancer
Constipation
Coronary artery disease
COVID-19
Crohn's Disease
cystic fibrosis
deep vein thrombosis
Depression
Dermatomyositis
Eczema
Endometriosis
Eosinophilic Esophagitis
Epilepsy
Fibromyalgia
Functional constipation / chronic idiopathic constipation
gallstone disease (gsd)
Gastroesophageal reflux disease (Gerd) including Barrett's esophagus

Generalized anxiety disorder
Gout
Graves' disease
Hashimoto's thyroiditis
Hidradenitis Suppurativa
Histamine Issues From Ubiome
Histamine Issues, Mast Cell Issue, DAO Insufficiency
hypercholesterolemia (High Cholesterol)
hyperglycemia
Hyperlipidemia (High Blood Fats)
hypersomnia
hypertension (High Blood Pressure)
Hypoxia
IgA nephropathy (IgAN)
Inflammatory Bowel Disease
Insomnia
Intelligence
Irritable Bowel Syndrome
Juvenile idiopathic arthritis
Liver Cirrhosis
Long COVID
Lung Cancer
ME/CFS with IBS
ME/CFS without IBS
Menopause
Metabolic Syndrome
Mood Disorders
Multiple Sclerosis
Multiple system atrophy (MSA)
Neuropathy (all types)
neuropsychiatric disorders (PANDAS, PANS)
Nonalcoholic Fatty Liver Disease (nafld) Nonalcoholic
NonCeliac Gluten Sensitivity
Obesity
obsessive-compulsive disorder
Osteoarthritis
Osteoporosis
Parkinson's Disease
Postural orthostatic tachycardia syndrome
Premenstrual dysphoric disorder
Psoriasis
rheumatoid arthritis (RA), Spondyloarthritis (SpA)
Rosacea
Schizophrenia
Sjögren syndrome
Sleep Apnea
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