Microbiome Information for: Constipation

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

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			Bacteria Name Rank Shift Taxonomy ID		
Blautia	genus Low	572511	Prevotella	genus Low	838
Citrobacter	genus High	544	Pseudomonas	genus High	286
Escherichia	genus High	561	Roseburia	genus Low	841
Faecalibacterium genus Low 21		216851	Shigella	genus 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.

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.

(r) -naproxen sodium salt,(prescription)

5-fluorouracil,(prescription)

acriflavin (prescription)

aminoglycoside (antibiotic)s

apramycin (antibiotic)s

aspartame (sweetner)

atorvastatin (prescription) 80 mg/day

beef cadium

cannabinoids

carboxymethyl cellulose (prebiotic)

carob

cephamycin (antibiotic)s

cinoxacin (antibiotic)

colinfant e.coli probiotics

dairy

dibekacin (antibiotic)s

enoxacin (antibiotic)

fleroxacin (antibiotic)

floxuridine,(prescription)

fluorine

General Biotics Equilibrium

gluten-free diet

glycylcycline (antibiotic)s

grape polyphenols

green-lipped mussel

high animal protein diet

high sugar diet

high-protein diet

hydromorphone

ibuprofen

iron 400 mg/day

isepamicin (antibiotic)s

kanamycin (antibiotic)s

ku ding cha tea

Lactobacillus salivarius UCC118

linseed(flaxseed) 30 mg/day lividomycin (antibiotic)s

Iomefloxacin hydrochloride (antibiotic)

loperamide hydrochloride,(prescription)

low carbohydrate diet

macrolide ((antibiotic)s)

mannooligosaccharide (prebiotic) 8 gram/day

mastic gum (prebiotic) 1000 mg/day

melatonin supplement 10 mg/day

metformin (prescription)

nalidixic acid sodium salt (antibiotic)

netilmicin (antibiotic)s

norfloxacin (antibiotic)

oxolinic acid (antibiotic)

paromomycin (antibiotic)s

pefloxacine (antibiotic)

penicillin-moxalactam (antibiotic)s

pipemidic acid (antibiotic)

pivmecillinam hydrochloride (antibiotic)

proton-pump inhibitors (prescription) 60 mg/day

rare meat

red alga Laurencia tristicha

ribostamycin sulfate salt (antibiotic)

risperidone,(prescription)

sisomicin sulfate (antibiotic)

Slipperv Elm

spectinomycin dihydrochloride (antibiotic)

streptomycin (antibiotic)s

sulfonamide (antibiotic)s

symbioflor 2 e.coli probiotics

thioguanosine, (prescription)

.inogacinocino,(prese

triclosan

Vitamin B1, thiamine hydrochloride 18 gram/day

vitamin B3,niacin 3000 mg/day

Vitamin B9.folic acid 5 mg/day

zidovudine; azt,(prescription)

Retail Probiotics

Over 260 retail probiotics were evaluted with the following deem beneficial with no known adverse risks.

symbiopharm / symbioflo 2

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.

amikacin (antibiotic)s
amoxicillin (antibiotic)s[CFS]
ampicillin (antibiotic)s[CFS]
arabinogalactan (prebiotic)
barley
benzylpenicillin sodium (antibiotic)
berberine
cefotaxime sodium salt (antibiotic)
ceftazidime (antibiotic)s
ciprofloxacin (antibiotic)s[CFS]

gentamicin (antibiotic)s
imipenem (antibiotic)s
inulin (prebiotic)
lactobacillus casei (probiotics)
lactobacillus plantarum (probiotics)
lactobacillus rhamnosus gg (probiotics)
oregano (origanum vulgare, oil) |
piperacillin-tazobactam (antibiotic)s
trimethoprim (antibiotic)[CFS]

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