

Microbiome Information for: Endometriosis

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 has 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 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 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 Endometriosis

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
Erysipelotrichia	class	High	526524	Odoribacter	genus	Low	283168
Negativicutes	class	High	909932	Olsenella	genus	High	133925
Coriobacteriaceae	family	High	84107	Oscillospira	genus	High	119852
Enterobacteriaceae	family	High	543	Parabacteroides	genus	High	375288
Lactobacillaceae	family	Low	33958	Paraprevotella	genus	Low	577309
Alishewanella	genus	High	111142	Porphyromonas	genus	High	836
Anaerococcus	genus	High	165779	Prevotella	genus	High	838
Anaerotruncus	genus	High	244127	Pseudomonas	genus	High	286
Atopobium	genus	Low	1380	Roseburia	genus	Low	841
Bacteroides	genus	High	816	Ruminococcus	genus	Low	1263
Bifidobacterium	genus	High	1678	Senegalimassilia	genus	Low	1473205
Blautia	genus	High	572511	Shigella	genus	High	620
Campylobacter	genus	High	194	Sneathia	genus	Low	168808
Candida	genus	High	5475	Streptococcus	genus	High	1301
Corynebacterium	genus	High	1716	Turicibacter	genus	Low	191303
Cytomegalovirus	genus	High	10358	Veillonella	genus	Low	29465
Dorea	genus	High	189330	Bacteroidales	order	Low	171549
Enterococcus	genus	High	1350	Burkholderiales	order	High	80840
Enterorhabdus	genus	High	580024	Eubacteriales	order	Low	186802
Escherichia	genus	High	561	Selenomonadales	order	High	909929
Eubacterium	genus	High	1730	Sphingomonadales	order	High	204457
Ezakiella	genus	High	1582879	Escherichia coli	species	High	562
Faecalibacterium	genus	High	216851	Eubacterium ruminantium	species	Low	42322
Finegoldia	genus	Low	150022	Eubacterium xylanophilum	species	High	39497
Flavobacterium	genus	High	237	Faecalibacterium prausnitzii	species	High	853
Gardnerella	genus	High	2701	Gardnerella vaginalis	species	High	2702
Gemella	genus	Low	1378	Haemophilus parainfluenzae	species	High	729
Lachnospira	genus	Low	28050	Lactobacillus crispatus	species	Low	47770
Lactobacillus	genus	Low	1578	Prevotella bivia	species	High	28125
Methanobrevibacter	genus	High	2172	Staphylococcus aureus	species	High	1280
Mobiluncus	genus	High	2050	Ureaplasma urealyticum	species	High	2130

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.

(2->1)-beta-D-fructofuranan {Inulin} 32 gram/day

Abstention from eating {Fasting}

arabinogalactan {arabinogalactan} 21 gram/day

Escherichia coli cryodesiccata {colinfant probiotics}

Ethyl alcohol {Grain alcohol}

Ferrum {Iron Supplements} 400 mg/day

High glycemic diet {High-sugar diet (HSD)}

ketogenic diet

macrolide ()

Mycotoxins {Home Dampness}

Nitrogen Oxide x Particulate Matter {Urban air pollutant}

Perna canaliculus {Green-lipped mussel}

Phaseolus vulgaris {Boston bean}

proton-pump inhibitors (prescription) 60 mg/day

Pulvis ledebouriellae compositae {Bofutsushosan}

raffinose {sugar beet}

Sleep apnea {partial sleep deprivation}

synthetic disaccharide derivative of lactose {Lactulose}

Tobacco consumption {Smoking}

Traditional Mediterranean diet {Mediterranean diet}

Tributyrin

Vsl#3 {Visbiome}

Retail Probiotics

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

jarrow formulas / bifidus balance® + fos
blackmore (au) / probiotics+ eczema relief

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.

3,3',4',5,7-pentahydroxyflavone {Quercetin}	Lacticaseibacillus paracasei {L.paracasei}
allium sativum {garlic}	lactobacillus acidophilus {L. acidophilus}
amikacin	Lactobacillus plantarum {L. plantarum}
amoxicillin [CFS]	Limosilactobacillus reuteri {L. Reuteri}
ampicillin [CFS]	Menta × piperita {peppermint}
Azadirachta indica {Neem}	meropenem
bacillus	Metha family {Mint}
bacillus,lactobacillus,streptococcus,saccharomyces probiotic	Moringa Oleifera
benzylpenicillin sodium (antibiotic)	origanum vulgare {oregano}
bifidobacterium bifidum {B. bifidum}	piperacillin-tazobactam
ceftazidime	Probiotic Mixture 1 {Japanese Vet Probiotic}
Cinnamomum zeylanicum {Ceylon Cinnamon}	Probiotic Mixture 2 {Vetafarm Probiotic}
ciprofloxacin [CFS]	Propolis {Bee glue}
Curcuma longa {Turmeric}	Punica granatum {pomegranate}
D(-)-Fructose {Fruit sugar}	rosmarinus officinalis {rosemary}
Diferuloylmethane {Curcumin}	Slow digestible carbohydrates. {Low Glycemic}
enterococcus faecium {E. faecium}	β-(1?4)-linked D-glucosamine and N-acetyl-D-glucosamine {Chitosan}
fluoroquinolone	syzygium aromaticum {clove}
foeniculum vulgare,fennel	Thymus vulgaris {thyme}
gentamicin	trimethoprim
imipenem	vancomycin (antibiotic)[CFS]
Lacticaseibacillus casei {L. casei}	yogurt
	Zingiber officinale Roscoe {ginger}

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

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