

Microbiome Information for: Denture Wearers Oral Shifts

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 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 Denture Wearers Oral Shifts

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
Acinetobacter	genus	High	469
Actinomyces	genus	Low	1654
Atopobium	genus	High	1380
Campylobacter	genus	High	194
Candida	genus	High	5475
Enterococcus	genus	High	1350
Flavobacterium	genus	Low	237
Lactobacillus	genus	Low	1578
Leptotrichia	genus	High	32067
Megasphaera	genus	High	906
Micrococcus	genus	High	1269
Oribacterium	genus	High	265975
Pseudomonas	genus	High	286
Rhizobium	genus	Low	379
Serratia	genus	Low	613
Stenotrophomonas	genus	High	40323
Streptococcus	genus	High	1301
Acinetobacter johnsonii	species	High	40214

Bacteria Name	Rank	Shift	Taxonomy ID
Acinetobacter Iwoffii	species	Low	28090
Bifidobacterium dentium	species	High	1689
Candida albicans	species	High	5476
Candida tropicalis	species	High	5482
Enterococcus faecalis	species	High	1351
Fusobacterium nucleatum	species	High	851
Ligilactobacillus salivarius	species	Low	1624
Porphyromonas gingivalis	species	High	837
Pseudomonas putida	species	Low	303
Schaalia odontolytica	species	High	1660
Staphylococcus aureus	species	High	1280
Staphylococcus haemolyticus	species	High	1283
Streptococcus mitis	species	High	28037
Streptococcus mutans	species	High	1309
Streptococcus pneumoniae	species	High	1313
Streptococcus salivarius	species	High	1304
Tannerella forsythia	species	High	28112
Treponema denticola	species	High	158
Veillonella parvula	species	High	29466

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.

A dairy product produced by coagulation of the milk protein

casein {Cheese}

Adeps suillus {Lard}

cholic,taurocholic ,chenodeoxycholic,glycocholic acids {Bile supplements}

Ethyl alcohol {Grain alcohol}

Ferrum {Iron Supplements} 400 mg/day

Lactose {Milk Sugar}

N-(phosphonomethyl)glycine {glyphosate}

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

raffinose {sugar beet}

Sleep apnea {partial sleep deprivation}

sodium butyrate

Sus domesticus {Pork}

synthetic disaccharide derivative of lactose {Lactulose}

Tobacco consumption {Smoking}

Tributylin

Vsl#3 {Visibiome}

wheat

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.

allium sativum {garlic}

Azadirachta indica {Neem}

Cinnamomum zeylanicum {Ceylon Cinnamon}

Curcuma longa {Turmeric}

Cymbopogon citratus {Lemongrass}

D(-)-Fructose {Fruit sugar}

Diferuloylmethane {Curcumin}

Honey {Honey }

Lactocaseibacillus casei {L. casei}

Lactobacillus plantarum {L. plantarum}

Nigella sativa {black cumin}

origanum vulgare {oregano}

Propolis {Bee glue}

rosmarinus officinalis {rosemary}

Thymus vulgaris {thyme}

Zingiber officinale Roscoe {ginger}

Sample of Literature Used

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Additional sources and private correspondance**Private Correspondance , Volume: 1 Issue: 2018**Effects of probiotic administration upon the composition and enzymatic activity of human fecal microbiota in patients with irritable bowel syndrome or functional diarrhea**Research in Microbiology , Volume: 152 Issue: 8 2001 Oct***Authors Patrizia Brigdia, Beatrice Vitalia, Erwin Swennena, Gabriele Bazzocchib, Diego Matteuzzia*Curated database of commensal, symbiotic and pathogenic microbiota**Generative Bioinformatics , Volume: Issue: 2014 Jun***Authors D'Adamo Peter*Curcumin consumption reduces gut microbial diversity among patients with colorectal adenomas**The FASEB Journal , Volume: 26 Issue: 1 2012 Apr 1***Authors April McLauchlin, Felix Araujo-Perez, Nikki McCoy, Kevin Smith, Bob Sandler, Gary Asher, Temitope Keku*

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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

cdk15 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