Microbiome Information for: Intracranial aneurysms

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

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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

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Email: Research@MicrobiomePrescription.com

Our Facebook Discussion Page

Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of Intracranial aneurysms

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
Fusobacteriia	*class*	Low	*203490*
Oscillospiraceae	*family*	High	*216572*
Anaerotruncus	*genus*	High	*244127*
Bacteroides	*genus*	High	*816*
Blautia	*genus*	High	*572511*
Collinsella	*genus*	Low	*102106*
Eubacterium	*genus*	Low	*1730*
Faecalibacterium	*genus*	Low	*216851*
Fournierella	*genus*	High	*1940255*
Lactobacillus	*genus*	Low	*1578*
Parabacteroides	*genus*	High	*375288*
Ruminococcus	*genus*	High	*1263*
Ruthenibacterium	*genus*	High	*1905344*
Eubacteriales	*order*	High	*186802*
Campylobacter concisus	*species*	High	*199*
Campylobacter gracilis	*species*	High	*824*
Campylobacter hominis	*species*	High	*76517*
Campylobacter ureolyticus	*species*	High	*827*
Hungatella hathewayi	*species*	Low	*154046*

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.

barley 60 gram/day
berberine 1.5 gram/day
bifidobacterium longum (probiotics) 10 BCFU/day
bile (acid/salts)
cellulose (prebiotic)
iron 400 mg/day
lactobacillus plantarum (probiotics) 60 BCFU/day
lactobacillus rhamnosus gg (probiotics) 48 BCFU/day
Moringa Oleifera
quebracho
resistant starch
saccharin 450 mg/day
salt (sodium chloride)
Xanthohumol

Retail Probiotics

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

Ombre / Heart Health
Bromatech (IT) / Serobiome
OMNi-BiOTiC®/ 10 AAD
young living/life 9
Northwest Natural Products / PB8
naturopathica (au) / gastrohealth probiotic dairy free 50 billion
organic 3 / gutpro
seed / female version
MegaFood / MegaFlora
1 md / complete probiotics platinum
fairvital / microflora basic
Wakunaga / Max Probiotic
organic 3 / primal gut
Dr. Mercola / Complete Probiotics
Garden of Life / Dr. Formulated Once Daily Women's
Physis / Advance Probiotics
hyperbiotics / pro-15
nature's way (au) / restore probiotic 100 billion
seed / male version
solaray / mycrobiome probiotic colon formula
lifted naturals / mood boosting probiotic
fürstenmed / lacto-bifido
probiotic pur (de) / realdose nutrition
newrhythm / probiotics 20 stains
Lake Avenue Nutrition / Probiotics 10 Strain Blend
ASEA VIA / BIOME
naturopathica (au) /gastrohealth probiotic ultimate daily care 100billion
udo's choice /super 8 gold
Smidge /Sensitive Probiotic
Krauterhaus / Lactopro
LiveWell Nutrition / Pro-45
HLH BIOPHARMA(DE) / LACTOBACT ® PREMIUM
spain (es) / vivomixx
Advanced Bio-Cultures / Advance Multi Strain Probiotics
elixa / probiotic
bioray / cytoflora
renew life / ultimate flora
up4 / ultra
Bioflora (Mx) / BIOFLORA / 30 BILLION 10 strains
ProbioMax® Daily DF
bioglan bio (au) / happy probiotic 100
SuperSmart / Lactoxira
douglas laboratories / multi probiotic 40 billion
Ombre / Mood Enhancer
up4 / adult
nature's way (au) /restore probiotic bowel & colon health 30s
visbiome
garden of life / primal defense
Realdose
renew life men's probiotic - ultimate
SuperSmart / Full Spectrum Probiotic Formula
quantum wellness / restora flora
Seeking Health / Probiota HistaminX
vita miracle / ultra-30 probiotics

jarrow formula / ideal bowel support® lp299v®
HLH BIOPHARMA(DE) / LACTOBACT ® 60PLUS
Bromatech (IT) / Bifiselle
bravo europe / starter and complex
solgar / advanced 40+ acidophilus
Probiotic 10 Billion Active Cells Daily Maintenance
Align / Align® Chewables
Wakunaga / Kyo-Dophilus® Multi 9 Probiotic
custom probiotics / d-lactate free probiotics powder
jarrow formulas / jarro-dophilus eps
philips / colon health
7 AM Ultra Probiotics
ferring / vsl#3
Resbiotic /resB® Lung Support
Nature's Lab Intensive GI
Schwabe Pharma Italia / MegaStress
spain (es) / l3.1
jamieson (can) / probiotic 10 bcfu
Bromatech (IT) / Lautoselle
PrecisionBiotics / Zenflore
PharmExtracta / Bowell
HLH BIOPHARMA(DE) / LACTOBACT ® AAD
Global Healing Center / FloraTrex
naturopathica (au) / gastrohealth probiotic adults 50+
SuperSmart / Lactobacillus Plantarum Postbiotic (Pasturerized)
Align® Extra Strength
Floradapt Gut Comfort
culturelle / culturelle
spain (es) / bivos
optibac / for your cholesterol
Purica Probiotic Intensive GI
align / align
Ombre / Ultimate Immunity
Seeking Health / Probiota Bifidobacterium
SuperSmart / Candalb
custom probiotics / four strain lactobacilli
Metabolics / Lactobacillus Plantarum Powder
Nature's Lab Cardio
spain (es) / suerobivos
zint nutrition / probiotic collagen +
HLH BIOPHARMA(DE) / LACTOBACT ® METABOLIC
jarrow formula / jarro-dophilus original
solgar / advanced multi-billion dophilus
Bromatech(IT) / FEMELLE
Metabolics / Bifidobacterium Longum Powder
Winclove Probiotics / Ecologic®825
Swiss BioEnergetics / Full Spectrum Probiotic Defence
Maple Life Science™ / Bifidobacterium longum
Bromatech (IT) / Rotanelle plus
Immune Defense Daily Chewable Probiotic
cytoplan(uk) /dentavital bifidophilus
bioglan bio (au) / happy probiotic 50
CustomProbiotics.com / B. Longum Probiotic Powder
HLH BIOPHARMA(DE) / LACTOBACT ® LDL-CONTROL
Maple Life Science™ / Lactobacillus plantarum
Genesis Bifidobacterium Complex BB Probiotic
SuperSmart / Lactobacillus rhamnosus GG
vinco / probiotic eight 65

NOW FOODS / Clinical GI Probiotic
Purica Probiotic Cardio
PrecisionBiotics / Immune
Floradapt Cardio
Dr.Max / ProtectMax ATB
naturopathica (au)/ gastrohealth probiotic daily care
jarrow formulas / jarro-dophilus mood
UltraFlora® Immune Booster
Invivo / Bio.Me Femme UT
blackmore (au) / probiotics+ bowel support
digestive care
Probiotic Sticks
NaturalPharma / Profit Probiotics
UltraFlora® Intensive Care
Ombre / Metabolic Booster
spain (es) / ns florabiotic instant
OMNi-BiOTiC®/ TRAVEL
Wakunaga / Pro+ Synbiotic
jarrow formulas / jarro-dophilus® ultra
PoolPharma (IT) / ProbioTKMIO
Wakunaga / 50+
custom probiotics / six strain probiotic powder
ImmuneBiotech Medical Sweden AB / GutMagnific®
naturopathica (au) / gastrohealth probiotic dairy free 20 bcfu
CVSHealth / Daily Probiotic
goodbelly drink
PureGG
Microbiome Labs / ZENBIOME Dual
canada (ca) / calmbiotic
Wakunaga / Daily Probiotic
SuperSmart / Probio Forte
wakamoto (jp) / wakamoto pharmaceutical intestinal drug
custom probiotics / five strain bifidobacteria
Bromatech (IT) / Adomelle
nature's bounty / probioti 10
Sanogermina / AB-Kolicare
SuperSmart / Derma Relief
Bioflora(MX) / Woman
spain (es) / kaleidon
up4 /women's
Ombre / Harmony
biospec / probiotic-5
HMF Metabolic
CustomProbiotics.com / L. Plantarum Probiotic Powder
SuperSmart / Oral Health
Ombre / Healthy Gut
PharmExtracta (IT) / Gliadines buccal stickpacks
klaire labs / ther-biotic factor 4
Symprove™
InnovixLabs / Mood Probiotic

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.

acarbose,(prescription)
amoxicillin (antibiotic)s[CFS]
atorvastatin (prescription)
azithromycin,(antibiotic)s[CFS]
Burdock Root
clindamycin (antibiotic)s[CFS]
clostridium butyricum (probiotics),Miya,Miyarisan
doxycycline (antibiotic)s[CFS]
erythromycin (antibiotic)s[CFS]
florfenicol
fructo-oligosaccharides (prebiotic)
garlic (allium sativum)
imipenem (antibiotic)s
jerusalem artichoke (prebiotic)
Lactobacillus Johnsonii (probiotic)
lactobacillus sakei (probiotics)
lactulose
metronidazole (antibiotic)s[CFS]
moxifloxacin (antibiotic)
piperacillin-tazobactam (antibiotic)s
raffinose(sugar beet)
resveratrol (grape seed/polyphenols/red wine)
rifaximin (antibiotic)s
rosmarinus officinalis,rosemary
Streptococcus faecalis (Enterococcus faecalis)
vitamin b2,Riboflavin

Sample of Literature Used

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Acne
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
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
Colorectal Cancer
Constipation
Coronary artery disease
COVID-19
Crohn's Disease
cystic fibrosis
deep vein thrombosis

Depression
Dermatomyositis
Eczema
Endometriosis
Eosinophilic Esophagitis
Epilepsy
erectile dysfunction
Fibromyalgia
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
Halitosis
Hashimoto's thyroiditis
Heart Failure
Hemorrhoidal disease, Hemorrhoids, Piles
Hidradenitis Suppurativa
Histamine Issues
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
Juvenile idiopathic arthritis
Liver Cirrhosis
Long COVID
Low bone mineral density
Lung Cancer
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
Polycystic ovary syndrome
Postural orthostatic tachycardia syndrome
Premenstrual dysphoric disorder
primary biliary cholangitis
Psoriasis
rheumatoid arthritis (RA),Spondyloarthritis (SpA)
Rosacea
Schizophrenia
scoliosis
sensorineural hearing loss
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