

Microbiome Information for: Neuropathy (all types)

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 Neuropathy (all types)

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
Lachnospiraceae	family	High		186803	Helicobacter	genus	High		209
Akkermansia	genus	High		239934	Ignatzschineria	genus	Low		112008
Blautia	genus	High		572511	Lactobacillus	genus	High		1578
Butyricimonas	genus	Low		574697	Phascolarctobacterium	genus	High		33024
Christensenella	genus	High		990721	Rothia	genus	High		508215
Corynebacterium	genus	Low		1716	Rothia	genus	High		32207
Escherichia	genus	Low		561	Streptococcus	genus	High		1301
					Eubacteriales	order	High		186802

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.

apple

arabinogalactan (prebiotic) 21 gram/day

bacillus subtilis (probiotics) 10 BCFU/day

barley 60 gram/day

berberine 1.5 gram/day

Burdock Root

fasting

fructo-oligosaccharides (prebiotic) 15 gram/day

inulin (prebiotic) 32 gram/day

Lactobacillus Johnsonii (probiotic) 10 BCFU/day

lactobacillus plantarum (probiotics) 60 BCFU/day

lactobacillus reuteri (probiotics) 22 BCFU/day

lactulose

raffinose(sugar beet)

resveratrol (grape seed/polyphenols/red wine) 2 gram/day

soy 25 gram/day

wheat bran

Retail Probiotics

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

Global Healing Center / FloraTrex
 Realdose
 Advanced Bio-Cultures / Advance Multi Strain Probiotics
 bioray / cytoflora
 probiotic pur (de) / realdose nutrition
 theramedix / probiotic
 newrhythm / probiotics 20 stains
 jarro formulas / bifidus balance® + fos
 elixa / probiotic
 nature's way (au) / restore probiotic bowel & colon health 30s
 SuperSmart / Full Spectrum Probiotic Formula
 garden of life / primal defense
 Thryve Inside/ L.Reu,Rham,Casi; B.Lactis
 vita miracle / ultra-30 probiotics
 naturopathica (au) / gastrohealth probiotic dairy free 50 billion
 Physician Choice /60 Billion Probiotics
 naturopathica (au) / gastrohealth probiotic dairy free 20 bcfu
 fairvital / microflora basic
 Bio Schwartz / Advance Strength Probiotics (40 BCFU)
 seed / female version
 Garden of Life / Dr. Formulated Once Daily Women's
 hyperbiotics / pro-15
 nature's way (au) / restore probiotic 100 billion
 seed / male version
 solaray / microbiome probiotic colon formula
 lifted naturals / mood boosting probiotic
 bioglan bio (au) / happy probiotic 50
 HLH BIOPHARMA(DE) / LACTOBACT ® LDL-CONTROL
 powerlabs (au) / ultra blend
 spain (es) / gum peribalance
 vinco / probiotic eight 65
 nature's instincts / ultra spore probiotic
 jarro formulas / jarro-dophilus® ultra
 custom probiotics / six strain probiotic powder
 spain (es) / casenbiotic
 ImmuneBiotech Medical Sweden AB / GutMagnific®
 Ombre / Metabolic Booster
 optibac / for women
 OMNI-BIOTIC®/ TRAVEL
 jarro formulas / fem-dophilus®
 global health trax / threelac
 nature's way (au) / restore probiotic 30 billion 30s
 SuperSmart / H. Pylori Fight
 BioGaia / BioGaia Osfortis
 organic 3 / primal gut
 Physis / Advance Probiotics
 bio-botanical research / proflo4r restorative probiotic
 blackmore (au) / probiotics+ daily health
 Dr. Mercola / Complete Probiotics
 Energybalance / ColoBiotica 28 Colon Support
 naturopathica (au) / gastrohealth women's probiotic with cranberry
 MegaFood / MegaFlora
 microbiome labs / hu58
 Invivo / Bio.Me Femme UT

CustomProbiotics.com / L. Reuteri Probiotic Powder
perfect pass / perfect pass probiotic bacillus spore
NaturalPharma / Profit Probiotics
biospec / probiotic-5
corebiotic
blackmores (au) / probiotics+ immune defence
CustomProbiotics.com / L. Plantarum Probiotic Powder
SuperSmart / Oral Health
Ombre / Healthy Gut
ISCON Elegance/ Ochek Capsule 10
1 md / complete probiotics platinum
Nutrition Essentials / Probiotic (900 BCFU)
OMNI-BIOTIC®/ 10 AAD
up4 /women's
RepHresh /Pro-B Probiotic Supplement for Women
young living/life 9
Bromatech (IT) / Adomelle
mwsb / candida yeast support
microbiome labs/ megasporebiotic
optibac / bifidobacteria & fibre
klair labs / biospora
SuperSmart / Derma Relief
enviromedica terraflorea sbo probiotic
Jetson (US) / Mood Probiotics
Ombre / Heart Health
Reduz melasma / Lactobacillus Johnsonii
SuperSmart / Probio Forte
organic 3 / gutpro
blackmore (au) / probiotics+ womens flora balance
SuperSmart / Lactobacillus reuteri
jarrow formula / ideal bowel support® lp299v®
spain (es) / reuteri gotas
HLH BIOPHARMA(DE) / LACTOBACT ® 60PLUS
BioGaia / BioGaia Products
spain (es) / I3.1
renew life men's probiotic - ultimate
ferring / vsl#3
Resbiotic /resB® Lung Support
jarrow formulas / jarro-dophilus eps
naturopathica (au) / gastrohealth fibrepro
blackmore (au) / probiotics+ eczema relief
7 AM Ultra Probiotics
quantum wellness / restora flora
Microbiome Labs / MEGA Genesis
Jetson / FIT
Seeking Health / Probiota HistaminX
optibac / for every day
Prescript-Assist®/SBO Probiotic
visbiome
Ombre / Ultimate Immunity
ProbioMax® Daily DF
SuperSmart / Lactobacillus Plantarum Postbiotic (Pasturized)
JGL / Lactogyn
organic 3 / primal soil
SuperSmart / Bacillus Subtilis
bioglan bio (au) / happy probiotic 100
blackmores (au) / probiotics + adults daily (90 capsules)
Lake Avenue Nutrition / Probiotics 10 Strain Blend

Windove Probiotics / Ecologic®825
 ASEA VIA / BIOME
 HLH BIOPHARMA(DE) / LACTOBACT ® METABOLIC
 jarrow formula / jarro-dophilus original
 aor / probiotic-3
 vitamin angels / just thrive
 nature's way (au) / restore probiotic daily health 90s
 HLH BIOPHARMA(DE) / LACTOBACT ® PREMIUM
 SuperSmart / Candalb
 custom probiotics / four strain lactobacilli
 naturopathica (au) / gastrohealth probiotic ultimate daily care 100billion
 udo's choice /super 8 gold
 microbiome labs / restorflora
 zint nutrition / probiotic collagen +
 Smidge / Sensitive Probiotic
 Krauterhaus / Lactopro
 LiveWell Nutrition / Pro-45
 Metabolics / Lactobacillus Plantarum Powder
 Jetson (US) / Immunity Probiotics
 spain (es) / vivomixx
 jarrow formulas / fem dophilus
 renew life / ultimate flora
 up4 / ultra
 optibac / for your cholesterol
 INVIVO THERAPEUTICS / Bio.Me IB +
 Bromatech (IT) / Rotanelle plus
 fürstenmed / lacto-bifido
 Swiss BioEnergetics / Full Spectrum Probiotic Defence
 SuperSmart / Lactoxira
 Bromatech (IT) / Psicobrain
 douglas laboratories / multi probiotic 40 billion
 Ombre / Mood Enhancer
 spain (es) / aquilea intimus
 BIO-BOTANICAL RESEARCH / Megacidin
 reserveage nutrition / beautiflora
 amy meyers / primal earth probiotic
 Jetson / Gut Prep
 up4 / adult
 Ombre / Restore
 spain (es) / gastrus

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.

alcoholic beverages	smoking
annatto	sorghum
Arbutin (polyphenol)	stevia
bacillus laterosporus (probiotic)	sucralose
cadium	sulfites food additives
carboxymethyl cellulose (prebiotic)	Sumac(Rhus coriaria)
diosmin,(polyphenol)	tea
fluorine	trachyspermum ammi, Ajwain
glycyrrhizic acid (licorice)	Tributyrin
Hesperidin (polyphenol)	Umeboshi (Japanese Apricot or Prunus mume)
Krill Oil	Vitamin B1,thiamine hydrochloride
luteolin (flavonoid)	vitamin B3,niacin
N-Acetyl Cysteine (NAC),	Vitamin B6,pyridoxine hydrochloride
red alga Laurencia tristicha	vitamin B7, biotin
retinoic acid,(Vitamin A derivative)	Vitamin B9,folic acid

Sample of Literature Used

The following are the most significant of the studies used to generate these suggestions.

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 Chronic Fatigue Syndrome
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 Coagulation / Micro clot triggering bacteria

Colorectal Cancer
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gallstone disease (gsd)
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Histamine Issues From Ubiome
Histamine Issues, Mast Cell Issue, DAO Insufficiency
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Insomnia
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Juvenile idiopathic arthritis
Liver Cirrhosis
Long COVID
Lung Cancer
ME/CFS with IBS
ME/CFS without IBS
Menopause
Metabolic Syndrome
Mood Disorders
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Multiple system atrophy (MSA)
Neuropathy (all types)
neuropsychiatric disorders (PANDAS, PANS)
Nonalcoholic Fatty Liver Disease (nafld) Nonalcoholic
NonCeliac Gluten Sensitivity
Obesity
obsessive-compulsive disorder
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rheumatoid arthritis (RA), Spondyloarthritis (SpA)

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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