Microbiome Information for: pancreatic cancer

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

892 Lake Samish Rd, Bellingham WA 98229
Email: Research@MicrobiomePrescription.com

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Bacteria being reported because of atypical values.

These bacteria were reported atypical in studies of pancreatic cancer

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
Oscillospiraceae	*family*	High	*216572*
Odoribacter	*genus*	High	*283168*
Ruminiclostridium	*genus*	High	*1508657*
Senegalimassilia	*genus*	Low	*1473205*
Streptococcus	*genus*	High	*1301*

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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.

alcoholic beverages
apple
arabinogalactan (prebiotic) 21 gram/day
aspartame (sweetner)
bacillus subtilis (probiotics) 10 BCFU/day
berberine 1.5 gram/day
Bofutsushosan
brown rice
Caffeine
chestnut tannins
choline 1 g/day
fat
fluorine
fruit
Fruits (Cooked)
gluten
Goji (berry,juice)
high fiber diet
Kaempferol
ku ding cha tea
lactobacillus plantarum (probiotics) 60 BCFU/day
lactobacillus rhamnosus gg (probiotics) 48 BCFU/day
lactobacillus rhamnosus
gg,lactobacillus,rhamnosus,propionibacterium
freudenreichii,bifidobacterium breve (probiotics)
lactulose
metformin (prescription)
Moringa Oleifera
oligosaccharides (prebiotic)
Olive Oil
Peanut
pectin
proton-pump inhibitors (prescription) 60 mg/day
quebracho
quercetin,resveratrol
red wine 250 ml/day
resistant starch
saccharomyces boulardii (probiotics) 6 BCFU/day
Sodium alginate 3000 mg/day
tea
Tributyrin
Ursolic acid
vitamin a 25000 IU/day
Vitamin C (ascorbic acid) 30 g/day
vsl#3 (probiotics)
wheat
zinc 300 mg/day

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Retail Probiotics

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

Realdose
probiotic pur (de) / realdose nutrition
nature's instincts / ultra spore probiotic
jarrow formula / ideal bowel support® lp299v®
microbiome labs / restorflora
Ombre / Heart Health
spain (es) / ultralevura
ImmuneBiotech Medical Sweden AB / GutMagnific®
organic 3 / yeastbiotic
naturopathica (au) / gastrohealth probiotic dairy free 20 bcfu
corebiotic
HMF Metabolic
CustomProbiotics.com / L. Plantarum Probiotic Powder
UltraFlora® Immune Booster
spain (es) / kaleidon
Bromatech (IT) / Adomelle
nature's bounty / probioti 10
mwsb / candida yeast support
microbiome labs/ megasporebiotic
klaire labs / biospora
Bromatech / ENTERELLE PLUS
fairvital / microflora basic
Energybalance / ColoBiotica 28 Colon Support
SuperSmart / Saccharomyces Boulardii
microbiome labs /hu58
Invivo / Bio.Me Femme UT
blackmore (au) / probiotics+ bowel support
Schwabe Pharma Italia / AxiBoulardi
digestive care
perfect pass / perfect pass probiotic bacillus spore
NaturalPharma / Profit Probiotics
Bio Schwartz / Advance Strength Probiotics (40 BCFU)
UltraFlora® Intensive Care
global health trax / threelac
spain (es) / axiboulardi
Law of Nature / Best Days Formula
Floradapt Cardio
Dr.Max / ProtectMax ATB
bio-botanical research / proflora4r restorative probiotic
SuperSmart / Lactobacillus rhamnosus GG
Eden's / 3-in-1 Synbiotic Superblend
spain (es) / suerobivos
Smidge /Sensitive Probiotic
Metabolics / Lactobacillus Plantarum Powder
Nature's Lab Cardio
spain (es) / vivomixx
INVIVO THERAPEUTICS / Bio.Me IB +
Ombre / Ultimate Immunity
Purica Probiotic Intensive GI
optibac / for your cholesterol
Bromatech (IT) / Enterelle
culturelle / culturelle
spain (es) / bivos
ProbioMax® Daily DF

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SuperSmart / Lactobacillus Plantarum Postbiotic (Pasturerized)
organic 3 / primal soil
Floradapt Gut Comfort
SuperSmart / Bacillus Subtilis
Nature's Lab Intensive GI
SuperSmart / Lactoxira
douglas laboratories / multi probiotic 40 billion
florastor / florastor
BIO-BOTANICAL RESEARCH / Megacidin
reserveage nutrition / beautiflora
amy meyers / primal earth probiotic
Jetson / Gut Prep
up4 / adult
nature's way (au) /restore probiotic bowel & colon health 30s
visbiome
spain (es) / I3.1
Bioflora (MX) / BIOFLORAMX / 50 BILLION 10 Strains
renew life men's probiotic - ultimate
ferring / vsl#3
imagilin / NutriLots Replenish
Jetson / FIT
Seeking Health / Probiota HistaminX
Prescript-Assist®/SBO Probiotic
solgar / advanced 40+ acidophilus
optibac / saccharomyces boulardii
SuperSmart / Probio Forte
organic 3 / gutpro
Physician Choice /60 Billion Probiotics
goodbelly drink
enviromedica terraflora sbo probiotic
PureGG
Purica Probiotic Cardio
Maple Life Science™ / Lactobacillus plantarum
HLH BIOPHARMA(DE) / LACTOBACT ® LDL-CONTROL
powerlabs (au) / ultra blend
theramedix / probiotic
Winclove Probiotics / Ecologic®825
aor / probiotic-3
vitamin angels / just thrive
solgar / advanced multi-billion dophilus
Immune Defense Daily Chewable Probiotic

Note: Some of these are only available regionally – search the web for sources.

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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.

amoxicillin (antibiotic)s[CFS]
ampicillin (antibiotic)s[CFS]
benzylpenicillin sodium (antibiotic)
cefotaxime sodium salt (antibiotic)
chlorhexidine
cinnamon (oil. spice)
ciprofloxacin (antibiotic)s[CFS]
clarithromycin (antibiotic)s[CFS]
clindamycin (antibiotic)s[CFS]
doxycycline (antibiotic)s[CFS]
erythromycin (antibiotic)s[CFS]
gentamicin (antibiotic)s
Human milk oligosaccharides (prebiotic, Holigos, Stachyose)
imipenem (antibiotic)s
lactobacillus rhamnosus (probiotics)
meropenem (antibiotic)s
minocycline (antibiotic)s[CFS]
piperacillin-tazobactam (antibiotic)s
rifaximin (antibiotic)s
rosmarinus officinalis,rosemary
tobramycin (antibiotic)s
vancomycin (antibiotic)[CFS]
Vitamin B1,thiamine hydrochloride

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Abdominal Aortic Aneurysm
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

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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

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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

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