

drsault

I have been using high dose Vitamin C IVs for about 20 years for severe infections and chronic diseases of many types. I have done this coinciding with other IVs such as an all vitamin and mineral drip alternatively. My successes are incredible even for a very severe case that Infectious Diseases could not cure after 1 year on two strong antibiotics x 2 /week. I have also used a very fine Colloidal Silver IV for severe infections with incredible success. There is much for the allopathic medical community to accept. It does not have to be one or the other (allopathic vs holistic medicine). Myself, I hardly needed to use antibiotics but at times my judgment was using them along with probiotics and one of my IV drips. I like IVs because I know the treatment is getting into the client & going where the inflammation is; whereas with oral antibiotics I know that dysbiosis or leaky gut syndrome can hinder the full dose and have other side effects. The only problem I had with IV Vitamin C is that it can temporarily raise the blood sugar which normalizes soon after. The best source for those interested is the

Posted On 08/28/2017

veritas19

Dr Sault, Please review the site >Silver-colloids.com<. There is a plethora of info concerning true colloidal silver. It took me about a week to fully cover this site (including important links), and after digesting most of the data, I ended up using a product called Meso-Silver. It is around 90% colloidal and 10% ionic, has the highest surface area and smallest particle size affording the greatest medicinal benefit. Even if given via IV, ionic silver reacts with serum chloride (3500 ppm Cl⁻ ion conc.), to produce AgCl in the bloodstream, presumably significantly reducing silver's germicidal effect to a minimum.

As you probably are aware, bacteria and viruses have no immunity or resistance to colloidal silver's ability to disrupt cellular metabolism and do not interfere with normal cells ability to function and without inducing any side-effects, contraindications, or other adverse affects. In addition, there is no evidence of colloidal silver's biological action that might induce pleomorphism on the target virus or bacterium thus making it a sustainable/repeatable treatment.

I am elated that Dr. Marik's work has been noticed and promulgated as mentioned in the article. He is a respected researcher, even by his skeptics. That is remarkable in and of itself, not to mention the lives saved by (t)his protocol. I hope you find the referenced info valuable and elpful to your patients. Please let me know what you think. Thanks for all your efforts to promote health and preserve life.

Posted On 09/03/2017

drbrhm

It is really impressive article . I have worked as General physician in pediatric word seven year and I have seen a lot of cases of neonatal sepsis and we use routinely I.V antibiotics + fluids but never heard about the role of probiotics and vit c + Hydrocortisone + thiamine for such these cases . I well use this combination and see the results Thanks a lot Dr,Mercola .

Posted On 08/28/2017

It is rather crazy that the medical world has only now come to this conclusion. In a way it is actually infuriating. It seems that especially when humans are schooled in a specific field, they go blind and deaf and become fearful of plain simple logic. This seems to happen specifically to physicians and theologians.

I have used the Vit. C and B. protocol for almost 40 years, bringing up 5 children who were not vaccinated. A self taught Homeopath opened my eyes to the healing effect of Vit. C in the early 80,s already. I was threatened of being prosecuted in the late 80's by a Dr. because I just wanted his opinion on tonsillitis and would not administer antibiotics to my daughter. I have cured tonsillitis at least 50 times with my children by administering castor oil and C and B. Tonsillitis develops when the system becomes toxic NOT because of bacteria/viruses or the swelling of the tonsils. It is the other way round.

Colds, flues, bronchitis AND pneumonia can be TOTALLY controlled with Vit. C and B. and a good spectrum of supplements of a good product. Some multi vit. products are useless, just a scam. I have practiced this twice on myself when (because of my political activities) my furniture factory was burnt down and the shock caused the liver to be depleted of nutrients and I could not take a bed rest at all. The first incident weekend the system, so it happened again the next winter.

I recently realized that Kefir and Sauerkraut seems to probably cure bladder infections as well. At present I am thinking that it works even better when DMannose is used simultaneously. I have suffered 17 kidney stone incidents so am, even as a male, been very prone to this. I have cured a grandchild, within a day, at 3 months of age, from colic with homeopathic probiotics. My daughter, doing a Phd., would not admit it was the probiotics that had the desired effect ! She vaccinates her children ! I supply high quality Vit C " sweets", for the grandchildren.

Posted On 08/27/2017

acs4457

The "sweets" for the grandchildren have a Multi Vit. combination, combined in it. It happened that two of the children were bitten by the two most poisonous spiders in South Africa. One causes the flesh to fall away around the bite and the other causes a swelling, bag of fluid, to develop at the bite. I cured both with a hot pack made of steamed Sunlight soap, so that it melts, with steamed and melted Epsomsalts (magnesium?) , melted into the Sunlight soap and applied as a "hot pack" to the bite very regularly, just after the bite, and then HIGH doses of Vit. C and B for a few days. Did this for a two staff members as well. My son came out in typical chickenpox spots all over his body, two weeks later, went to the Dr. who said she had no idea what the matter was with him but that he must have had a very serious viral infection. The kid, by then already a qualified Architect was to shy to inform the Dr. of his fathers hillbilly like methodologies, as his best friend was the top student in his medical class ! I have seen friends, who would not take advice, become ill for months of these spider bites.

The human has been created with an immune system. It is a crucial element in our creation. If we think we are more clever than our Creator, we will pay for it. If we can determine how to live within the laws of creation, like Dr. M seems to be doing, we will be much better off. Even sheep, with an upset stomach, know which plants to eat, in an environment they were not created in. So do chimps know what plants go for when they do not feel well. So do hunter gathers. The human survived on earth, in nature, for a very long time, because we have an immune system and nature can supplement it, if we know how and have faith.

Posted On 08/27/2017

pgoltz

I don't recommend castor oil. The castor bean plant is poisonous.

Posted On 08/28/2017

acs4457, Nothing wrong with taking supplements, but how about this? Just eat real food and then you don't need supplements??? I was one of the sickest people on the planet growing up and well into my young adulthood. I got bronchitis every year at least once and most years 2 or 3 times. By today's medical standards I had COPD! I kept sinus infections and chronic sinusitis. I got a cold 2 to 4 times a year and I had the flu every year at least once except for 2 years between ages 4 and 29. I was on meds practically from the day I was born up until I turned 30. I found a remarkable doctor MD/PHD who suggested BURNING the Food Pyramid, throwing all my supplements in the trash, and start eating REAL FOOD that includes RED MEAT and SATURATED FAT! I was blown away by his advice considering I had just had a heart attack. He asked "what do you have to lose?.....try my advice for 1 month and if you don't see a REMARKABLE turnaround in your health the consultation is free and you can go back to your old doctors".....He said to cut out all starches, vegetable oils, grains, foods in a can, foods in a box, and eat just meat and green leafy veggies for 1 month. After just 2 weeks I felt so much better that I took it upon myself to throw ALL OF MY MEDS in the trash! I was on blood thinners, blood pressure, and cholesterol meds along with other meds to counteract the side effects of those meds like sleep meds! Then there was all the meds for my chronic bronchitis and skin disorders. I was taking Prednisone at least 2 or 3 times a year for psoriasis outbreaks! All of that has been in remission for 22 years! I have not even had to go back to see a doctor! I've had no bronchitis, no sinus infections, no psoriasis, no eczema, no hay fever, no soar throats, and no flu. I catch a cold about once every 5 years. What's more amazing is that I typically don't eat fruit. I eat it when it is in season (VERY FRESH). So 6 months of the year I eat ZERO fruit.

Posted On 08/28/2017

nao3425

It ain't only Medicine

Canning: A Gateway to Better Health.... Sure

www.thekitchn.com/breakthroughs-in-food-science-canning-218083

A list of Fermented foods en.wikipedia.org/.../List_of_fermented_foods

Study Proves Fast Food Utterly Destroys Gut Bacteria

readynutrition.com/resources/study-proves-fast-food-utterly-destroys-g..

theconversation.com/your-gut-bacteria-dont-like-junk-food-even-if-you-..

Posted On 08/28/2017

njlady

You may know this but for others who might not...lots of good healthy foods like spinach, almonds, beets, etc.contain high amounts of oxalates which contribute to the formation of stones..lowering your oxalate load may be part of the prevention.

Posted On 08/28/2017

dude01

acs, those are powerful stories regarding your children. Very Inspirational. The spider bites - wow! Thanks for sharing those. Regarding "It is rather crazy that the medical world has only now come to this conclusion ", I'm guessing the (corporate) powers that be in the medical world may already know the true advantages of probiotics, but opt to take the most profitable route regarding sepsis and other diseases. The thought of this can make one angry - that's for sure.

jamNjim, I salute you this morning, as well. You listened to your body. The wise, well intentioned MD/PHD showed up in your life, shared his wisdom, and put your thoughts in order. Now you are a happy camper - that's great!

Posted On 08/28/2017

Garlicmeister

Grow your own garlic at home and never again worry about MRSA, Sepsis or any kind of bacterial infection as the allicin produced when natural(non-irradiated) garlic is crushed kills all bacteria on contact. There are many ways to use "Nature's underground pharmacy". Google garlic water baths if you want to learn more. It's a whole new thing.

Posted On 08/28/2017

forbiddenhealing

IV Vit C generates H₂O₂ the immune ammunition naturally made in immune cells..which oxidizes pathogens, cell debris and cancers...C also supplies the electrons needed to boost biochemical functions....Cortisone/cortisol are produced under sympathetic/fight-flight activation and dampen inflammatory response....The medical community is not ready to back off its derision of Pauling and Vit C...though some hospitals use it more or less.....Like w a multivitamin for patients that carry a whopping 200mg of Vit C..Heck, I spill that much several times a day....Let's hope Dr. Marik's cocktail becomes widely accepted for sepsis and many other conditions...The pharma-Shkreli's gotta go along with the rest of fraudulent corporate "science."

Posted On 08/28/2017

breathoflife

That is the straight truth on vitamin C . I am so ashamed of myself for overlooking the elephant in the room for fifty years. Better late than never. www.ncbi.nlm.nih.gov/.../491997

Posted On 08/28/2017

forbiddenhealing

Breatholife...No fault/no shame..took me 50 yrs to figure it out...most everyone got misdirected...also found out everything else is monopoly propaganda...be very stingy with yer belief, they blind us to reality....dang media traitors to the human race.

Posted On 08/28/2017

Krofter

And don't forget that glyphosate destroys the shigamate pathway. For decades Monsatan said Roundup had no effect on humans because we have no shigamate pathway. Yes and no. Our body does not but the probiotics in our gut do have a shigamate pathway, which can be harmed even at the parts per trillion level. No amount of vitamin C can overcome glyphosate contamination. Eliminating any potential contamination from Roundup should be part of any protocol for dealing with sepsis.

Posted On 08/28/2017

nonnajade

So is Sepsis anything like MRSA? Both are blood problems! My father (now 95 yrs) was in the hospital in Florida last summer and had a UTI and led to MRSA ! That was after a stint was put in for his heart then a blood clot in his right lung(left would have been worse, I was told) then blood in his stools what a mess...he has healed quite well but it all happened in the hospital! He refuses to ever go back to that hospital....I don't blame him...

Posted On 08/28/2017

Guillermou

Hi nonnajade. Staphylococcus aureus or MRSA is a strain of Staphylococcus aureus, which has become resistant to several antibiotics. Sepsis encompasses a broader field. The reality is that in old age, the immune system, becomes slower to respond. This increases your risk of getting sick. An autoimmune disease may occur. There is a smaller amount, of immune cells, in the body to achieve healing. The ability of the immune system to detect and correct cellular defects also decreases. Leading to an increased risk of cancer. The hypothalamus that controls the endocrine system, which continues to produce hormones, the response by endocrine organs, can change as we age.

The thyroid gland produces hormones that help control metabolism. With age, the gland may become protuberant (nodular). The metabolism decreases over time, beginning around the age of 20. In some people, thyroid hormone levels can rise, leading to an increased risk of dying from cardiovascular disease. Parathyroid hormone affects calcium and phosphate levels, which affect bone strength. The levels of parathyroid hormones, rise with age, which may contribute to osteoporosis.

The average fasting glucose level rises from 6 to 14 milligrams per deciliter (mg / dL) every 10 years, after age 50, as the cells become less sensitive, to the effects of insulin. The adrenal cortex is the surface layer that produces the hormones aldosterone, cortisol and dehydroepiandrosterone. Aldosterone regulates fluid and electrolyte balance. Cortisol is the "stress response" hormone. In addition, it affects the decomposition of glucose, proteins and fat, and has anti-inflammatory and anti-allergic effects. Aldosterone secretion decreases with age. This decrease may contribute to dizziness, and a drop in blood pressure, with sudden changes in position (orthostatic hypotension).

Posted On 08/28/2017

mar6915

Thank you for explaining that Guillermou. A test the other year did indicate a high level parathyroid. I had wanted the Aldosterone checked which they did not nor the cortisol which had been high for decades. Later did get the cortisol checked to my surprise too low -adrenal fatigue. Interesting about the thyroid and heart disease. I did know hyperthyroid can cause tachycardia.

nannajade I do hope your dear father does not have to go in the hospital again, and perhaps check out statistics or reviews of other hospitals in the area to ease his mind. Just because your doctor is affiliated with a certain hospital, if your insurance allows you can go to a different one.

Article says,"Promptly treating urinary tract infections (UTIs). UTIs are the second most common type of infection in the body, sending more than 8 million people to their health care providers every year in the U.S. alone,(33) and one-quarter of sepsis cases are related to urinary tract infections.

Conventional treatment typically involves antibiotics, but research shows 90 percent of UTIs can be successfully treated with D-Mannose, a naturally occurring sugar that's closely related to glucose. To learn more, see "D-Mannose for UTI Prevention Validated in a Clinical Trial."

33= www.niddk.nih.gov/health-information/urologic-diseases/bladder-infecti..

so nannajade please be sure he keeps the UTI's under control & do learn about D-Mannose and be sure he drinks enough good water.

Posted On 08/28/2017

wil4648

Amazing that Dr Tom Levy wrote the book IVC and Infectious Disease probably 25-30 years ago but people didn't read it or didn't believe it? And he writes about Dr Klenner who healed many patients with ascorbic acid including 60/60 polio cases and then presented to the AMA back in the 1940's but was ignored.

This isn't new except adding steroids to the IVC.

It's also worth pointing out that ascorbic acid or sodium ascorbate is only the antioxidant covering of the Vit C complex-very useful for infection or detox but Albert Szent-Györgyi who received the Nobel prize for discovering it said that it wouldn't help scurvy like a little lemon or lime juice would and that his ascorbic acid discovery was missing something that was present in the natural form. Real vit C helps make connective tissue but ascorbate doesn't.

Hopefully the MD's will listen to this information this time around.

Posted On 08/29/2017

mar6915

Don't forget the bottom 2 paragraphs. I had an emergency situation today,so I had to call hospitals regarding the last paragraph that states; "If you have to undergo a colonoscopy or other testing using a flexible medical scope, remember to call and ask how they clean their scopes and what kind of cleaning solution they use. If the answer is glutaraldehyde (brand name Cidex), find another hospital or clinic – one that uses peracetic acid. This preliminary legwork will significantly decrease your risk of contracting an infection from a contaminated scope. "

So I called a few places to ask what cleaning solution they use to clean their scopes, got the I don't know ask... let me connect you to... and no answers. Tomorrow I will once again spend the day calling and asking hospitals that do the procedure I don't want, but have to due to a medical situation I am going though. Really hard to find a decent gastroenterologist also. Had to call the doctors office and they said it takes months, to get in to see one yet, then the run around game, then the Not so simple procedure that can kill you. He suggested an ER. Hope is was just all those garlic stuffed olives I ate, You do really have to follow that suggestion as I know someone who did get an infection following a colonoscopy, so you end up back in the hospital and nearly pass on.

Posted On 08/28/2017

mar6915

Called around and did get a call back , one place does indeed use the peracetic acid to clean scopes. Thank you Dr. Mercola for the reminder of that important information. Very important information.

Posted On 08/29/2017

scottieho

I love a good 'elephant in the room'. The quest to extend and save lives is most certainly alive and well. As we read about the futility of the "human condition" we are to be reminded that many of those whom we would save, with compassionate cures and life extending miracle vitamin cocktails, are born into stifling poverty, famine and despair. Traditional rejections of birth control, resulting in birth rates that float in double digits, coupled with an equally archaic rejection of even the most basic education are to be exacerbated by the ill-timed introduction of cheap and easy fixes and philanthropically twisted, egotistical, love.

Posted On 08/30/2017

pgoltz

Having a pill abortion can also cause sepsis, provided a woman has *Clostridium sordellii* in her system. This is normally harmless, but the drugs used deplete the immune system. Typically, organs just start shutting down. There is no fever because the body doesn't fight back. Once organs start shutting down, it is almost impossible to save the victim.

Posted On 08/28/2017

Garlicmeister

Actually, I believe there is a way to save people with sepsis but doctors don't know about it because it involves the use of an un-patentable natural plant in its natural state, therefore, the petro-pharmaceutical industrial complex has no interest in exploring it. Of course, all it would do is to save lives but it would not make them big money so there is no interest in it. Natural (non-irradiated) garlic works but not that irradiated dead garlic from China that is in most grocery stores. The same garlic water baths that people are using to cure their MRSA infections will also kill off the bacteria causing sepsis in exactly the same way and for exactly the same reasons. It works for very specific reasons and you can learn exactly how and why by going to this MRSA patients forum and reading all the garlic and garlic water posts. Be sure to check out the "Garlic success stories" thread. There are specific reasons why this ancient herbal folk remedy still works, even in this age of antibiotic resistance. Garlic still kills them all for the very same reasons and in the same ways no matter how resistant they are to commercial antibiotics. <http://www.mrsa-forum-usa.com> You will never look at garlic the same way again - you will see it in a whole new light and will come to understand it and know how to use it in different ways to treat different conditions. Garlic is nature's underground pharmacy if you know how to use it and why. Good luck to all.

Posted On 08/28/2017

pgoltz

Garlic sounds like a good solution, unless it makes you sick. If I eat too much, I get GI distress. A small amount is fine, and tastes good. I can't eat onions at all.

Posted On 08/28/2017

CFSMum

Brilliant report. Sadly it was a week too late for my friend`s family. Here`s hoping it will prevent the occurrence of death from sepsis hereafter.

Posted On 08/27/2017

Pete.Smith

Thanks, Dr. Mercola for this good info in this 2017 article, but in later years it was found out why those probiotic bacteria protected against sepsis. It has to do with immunoglobulin A (IgA) antibodies. They account for two-thirds of human immunoglobulins. In the top video, they also said it protected the mucus layer in the gut and the lungs, but they did not explain why this is. This is also because of IgA can travel in the blood. The gut mucus layer prevents us from getting a leaky gut. Also, the nose and lungs have a mucus layer with IgA protecting us against bacteria and viruses, even Covid-19. Shortly after being born, babies have a very weak immune system, so they are vulnerable to sepsis. That is why the mother's milk in those first days, called colostrum, is very rich in IgAs.

Also adults with gut problems (like those with autism or leaky gut) can benefit from colostrum because the IgA attacks selectively bad bacteria and leaves good bacteria alone. This protect the mucus layer from getting invaded by bad bacteria, that damage the mucus layer. Many adults lack IgAs, they are more likely to succumb to sepsis. Study: Having no IgA leads to intestinal inflammation in mice www.sciencedaily.com/.../210720114314.htm (2021). IgA antibodies seem to protect unvaccinated against Covid. www.sciencedaily.com/.../220324104454.htm (2022) Nasal spray with antibodies IgA could prevent COVID-19 www.sciencedaily.com/.../240110120233.htm (2024)

Posted On 03/23/2024

Pete.Smith

Gut microbes protect against sepsis, a mouse study shows. People with IgA deficiencies are more likely to succumb to sepsis. Sepsis occurs when the body's response to the spread of bacteria or toxins to the bloodstream damages tissues and organs. The fight against sepsis could get a helping hand from a surprising source: gut bacteria. Researchers found that giving mice particular microbes increased blood levels of immunoglobulin A (IgA) antibodies, which protected against the kind of widespread bacterial invasion that leads to sepsis.

Previous research showed that immunoglobulin M (IgM) antibodies quickly respond to blood-borne bacteria in sepsis and that gut microbes trigger immunoglobulin G (IgG) antibody responses that can block bacterial infection. The researchers of the current work asked whether gut microbes could trigger IgA responses that protect against sepsis. "We propose that serum IgA and IgG antibodies may play roles similar to the protective role proposed for natural IgM antibodies, with the IgA component providing a non-inflammatory mechanism for keeping invading bacteria in check," says first author Joel Wilmore of the Perelman School of Medicine at the University of Pennsylvania.

The researchers found that exposing mice to a unique but natural microflora that included several members of the Proteobacteria phylum led to increases in IgA levels in the blood. Moreover, shifting the mouse gut to a Proteobacteria-rich microbiota led to IgA-mediated resistance to sepsis in mice. www.sciencedaily.com/.../180222145002.htm (2018)

Posted On 03/23/2024

Guillermou

Thank you PETE for your extensive research. Sepsis is the dysregulated host immune response to infection associated with systemic inflammation and excessive oxidative stress, which can cause multiple organ failure and death. Due to the immunomodulatory properties of probiotics and prebiotics, peer-reviewed studies have led to the hypothesis that alteration of the gut microbiome could potentially be used as an adjuvant for the prevention and treatment of sepsis. Probiotics can be considered a treatment option for sepsis that can be attributed to increasing the population of beneficial bacteria and therefore decreasing the population of pathogens and increasing the function of the intestinal barrier. Their protective effects of probiotics in sepsis can be attributed to the reduction of ROS, improving the antioxidant status of cells by increasing the activities of SOD and CAT enzymes, as well as GSH content.

It also reduced anti-inflammatory cytokine, S observed a decrease in the expressions of NF-B-p65 gene and NF-B protein www.sciencedirect.com/.../S1878535223010523 (2024).--
www.mdpi.com/.../488 (2022).---- This systematic review and network meta-analysis that included 106 trials with 25,840 premature infants found that multi-strain probiotics were associated with reductions in mortality from all-cause, necrotizing enterocolitis. When combined with oligosaccharides, multi-strain probiotics reduced food intolerance and hospitalization.
jamanetwork.com/journals/jamapediatrics/article-abstract/2810095 (2023).---

Posted On 03/23/2024

Guillermou

Postbiotics are a class of probiotic products with probiotic effects that have multiple functions, including maintaining intestinal flora, protecting intestinal barrier function, and regulating the immune system. Compared with live bacteria, its biggest advantage is its distinct chemical structure and high absorption and distribution rates. Postbiotics can play the role of probiotics while avoiding many of the drawbacks of live bacteria, indicating a new treatment strategy for sepsis. Current research on postbiotics and sepsis is in its infancy, and a large number of systematic fundamental studies along with late-stage clinical trials need to be conducted for confirmation.

It is possible to determine the precise treatment of intestinal flora disorders in sepsis by systematically investigating the efficacy of postbiotics and integrating, optimizing and using various probiotic components. Peptidoglycan, also known as murein, mucopeptide and glycopeptide, is a class of compact and solid macromolecular substances formed by cross-linking glycopeptides through a series of glycosidic bonds and peptide bonds, and its constituents are peptides and glycans. Peptidoglycan is an important part of the bacterial cell wall, with the function of protecting cells from osmotic pressure and maintaining their normal morphology.

It may be involved in a series of biological processes, such as stimulating the immune system and fighting infections, tumors and allergies. Studies have shown that peptidoglycan enters the host through oral or non-gastrointestinal routes, enhancing the immune surveillance function of the host, driving the production of various cytokines and antibodies by lymphocytes in immune organs, and reinforcing the activity of macrophages and natural killer cells to better regulate cells and fight infections academic.oup.com/burnstrauma/article/doi/10.1093/burnst/tkad022/719855.. (2023).---

Posted On 03/23/2024

LSquare

Pete! Where've you been?

Posted On 03/23/2024

cedricpermaculture

Hi everybody, Aluminium/mercury in vaccines lower selenium/glutathione. Big genomes like sometimes in frequent vaccinations deplete vitamin A. Sepsis is a strong nitrosative stress that uses a lot of vitamin B12 and C during day, but at night melatonin can restore immunity. Riboflavin can help antibiotic resistance. www.tandfonline.com/.../10942912.2015.1076459 " Antimicrobial Properties of Vitamin B2" doi.org/.../BSL.2020.26.4.288 "Riboflavin Inhibits Growth of Helicobacter pylori by Down-regulation of polA and dnaB Genes [...] Previous studies have shown that riboflavin/UVA was effective against the growth inhibition of Staphylococcus aureus, S. epidermidis and multidrug-resistant Pseudomonas aeruginosa and had the potential for antimicrobial properties. " Monolaurin destroys pathogen's lipids. Transdermal coconut oil increases body mass of preterm babies and fights infections. Endotoxin aggravates sepsis duration and result. Colostrum, nucleotides increase immunity.

Posted On 03/23/2024

Guillermou

Thank you Doctor. The literature suggests that flavonoids, a broad class of plant secondary metabolites, have numerous biological activities that may be valuable in the treatment of sepsis. This study aimed to review the effects of flavonoids on sepsis. In total, 30 different flavonoids were used in the studies. Flavonoids were able to strongly inhibit the inflammatory response by reducing the levels of important proinflammatory mediators, e.g., tumor necrosis factor alpha and interleukin-1, oxidative stress and showed antibacterial and antiapoptotic actions. The meta-analysis found a 50% increase in the survival rate of animals treated with flavonoids.

They appear to act as multi-target drugs and can be an excellent therapeutic alternative to reduce several of the complications caused by sepsis and, consequently, improve the survival rate.

onlinelibrary.wiley.com/.../ptr.7846 (2023).--- In this review, quercetin supplementation may exert beneficial effects on sepsis by attenuating inflammation and oxidative stress, negatively regulating the expression of toll-like receptor (TLR) mRNA, modulating the immune response, and alleviating sepsis-related organ dysfunctions. sepsis. Sepsis increases vascular permeability, alters cardiac function and metabolic balance, resulting in multiple organ failure, hypotension, tissue necrosis, hypoperfusion and death (Rittirsch et al., 2008).

Lipopolysaccharide (LPS), which is placed on the outer membrane of Gram-negative bacteria, is known to play a crucial role in the pathogenesis of sepsis. Quercetin inhibits LPS-induced IL-8 production in lung A549 cells and LPS-induced TNF- production in macrophages. Furthermore, recent studies suggested that quercetin may prevent the generation of nitric oxide (NO) that is accompanied by the inactivation of NF-B. www.sciencedirect.com/science/article/abs/pii/S0944711321001094 (2022)

Posted On 03/23/2024

drfeelsgood

PRE - PRO - POST BIOTICS WE NEED THEM ALL! BRING ALL CHILDREN BACK TO THE BREAST.

Posted On 03/23/2024

willismercola

Great depth today. It seems that many versions of complex gut problems may be greatly helped via Pete and Guillermou info. Test person for IGAs maybe. Then think about using C-Mannose, also think about adding other probiotics. Sure do need guidance on such, if they are harmless and maybe greatly helpful. All these hints of research, with natural substances, makes me and some others ready for our personal trials. Go or no go?

Posted On 03/23/2024

versatile

We know how to cure sepsis. We don't want to know.

Posted On 03/23/2024
