

Guillermou

Excellent report that provides us with an overview of cellular damage from food and environmental toxins. A diet that avoids the promotion of endotoxins related to metabolic diseases, including cardiovascular, neurodegenerative diseases and cancer. Excessive intake of fructose and linoleic acid in the usual human diet is related to a global increase in metabolic disorders. Chronic endotoxemia commonly occurs in obesity and is an important factor inducing systemic inflammation leading to metabolic syndrome. Healthy dietary choices, such as consumption of fish, fresh vegetables, and fruits and berries, may be associated with positive health outcomes.

by reducing systemic endotoxemia. Vitamin D restriction and/or a high-fat diet increases the risk of metabolic endotoxemia. Phytochemicals reduce endotoxins. Specific components of the Western diet, such as PUFAS, monosaccharides, processed fats, gluten, alcohol and additives, can affect the tight junctions between enterocytes, leading to increased permeability and the movement of endotoxins into the bloodstream. blood. These endotoxins include lipopolysaccharides derived from gram-negative bacteria. In particular, a high-fructose diet can increase intestinal permeability and circulatory endotoxins by changing intestinal barrier function and microbial composition.

Excess fructose causes inflammation and de novo lipogenesis. Lipogenesis leads to hepatic steatosis, thus causing abdominal adiposity and insulin resistance. Serum endotoxin levels are elevated in patients with liver cirrhosis, diabetes, cardiovascular diseases, chronic infections and aging, amyotrophic lateral sclerosis, and Alzheimer's disease. The highest levels of plasma endotoxin are found in patients with sepsis, around 500 pg/ml.

Posted On 07/01/2024

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Endotoxin levels in blood plasma are normally low, but rise during infections, intestinal inflammation, gum disease, and neurodegenerative diseases. Leaky gut causes the release of bacterial metabolites and endotoxins, such as lipopolysaccharide, into the circulation, causing bacterial infections, oxidative stress. Diet rich in polyunsaturated fats, exposure to alcohol or chronic allergens, and dysbiosis are highly related to development and/or progression. of several systemic metabolic and autoimmune diseases, neurodegenerative disease, cardiovascular disease, inflammatory bowel disease, cancer and the development of metastases.

Increases in blood endotoxin levels were associated with increases in C-reactive protein concentrations and increases in intestinal permeability markers such as zonulite. Probiotics help modify the intestinal microbiota, promote the growth of beneficial bacteria and are an alternative source of SCFAs and reduce LPS expression, intestinal inflammation and tumor size in CRC. Among them, Akkermansia muciniphila has the ability to reduce the expression of LPS, improving metabolic endotoxemia.

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Posted On 07/01/2024

dav2912

FTT was assigned to my granddaughter who was underweight according to the charts. It all began when my daughter in law refused one vaccine (she hasn't refused them all). I believe she was put on the naughty list. The next wellness checkup she was told to supplement my granddaughters feedings with formula and to schedule another weight check in a week. My dil had had enough of this doctor so the next day canceled the weight check but did start her daughter on formula because she agreed she was underweight (the same had to be done with her first baby). Child Services was called. My son and dil were given the choice to get the baby to children's hospital immediately or the baby would be picked up and taken there by Children's services.

At the hospital, the doctors tried to say she was malnourished. When ALL labs came back great, she was determined to be FTT. This was ridiculous, she has always been active, at or ahead of milestones; she was underweight they explained-at birth, above average and with each month (6 months old at this time) slipped in percentage. After a 4 day stay, resulting in a huge bill, she was released. My husband and I hired a lawyer after they were charged with neglect. NO ONE showed up for the Zoom trial except my son, dil and their lawyer. They had no leg to stand on. All charges were dropped. I challenged all the doctors at one of their meetings in my granddaughters room. FTT can be used as a tool to get parents to fall in line. Push back!

Posted On 07/01/2024

BiomedMom1

Yes, FTT may be an inaccurate, outdated term but one could argue that most people today "fail to thrive" in some form or another ... opting for poor health/lifestyle choices which impact their quality of life.

Posted On 07/01/2024

Almond

When you have attempted all known protocols or recovery and nothing seems to work, consider intensive detox. It will need to be deep and prolonged with breaks to replenish minerals if tightly-bound toxins are to be released. According to Dr. Bill Mitchell (deceased), that is often the underlying obstacle preventing recovery.

Posted On 07/01/2024

juststeve

Not having a lot to work with, being as there a few to little labs to do or give us the proper feedback, there is little desire to pursue what I don't have or can't do but to rather do the best I can with what I have. Being as this area has high concentrations of Iron, Lead, what not, Milk Thistle and Broken Cell Chlorella are used when doing a fasting event or when hard physical labor is generating a lot of sweating. Same with hot, muggy days causing sweating.

Posted On 07/01/2024
