

Advanced Detox and Treatment Protocols for Glyphosate Toxicity

Dr. Stills with Dr. Isaac Eliaz

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[TRANSCRIPT]

Dr. Sharon Stills: And so if you caught his, uh, interview with me, then you're already familiar with, he's just a wealth of information. He's got a beautiful heart. And tonight we are gonna talk about some really important things concerning detoxification and pesticides and glyphosate.

There he is right now it's nice to see you. I was just singing your praises and so, um, So, yes. So we're very lucky to have him here with us tonight. And, he's gonna teach for about a half hour, then we're gonna have some time for q and a.

So there's a chat if you wanna put your, Questions into the chat you know, we can't promise we're gonna answer everyone's questions, but we'll do our best to answer as many as possible.

I'm here in Arizona. The sky got so dark like an hour ago I thought we were having a tornado. It got really weird and really ominous. And then I looked out the window and there was the most gorgeous, gorgeous rainbow. It was just, oh wow. Ous. Yes, it was amazing. Very nice omen for our, our upcoming even evening.

We're gonna talk about some. Products tonight and we have a special discount for you. So will be dropping our special code into the chat. For those of you that wanna take advantage, um, of getting some of these, I actually have my products here.

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So, um, we're gonna talk about Pentasol and we're gonna talk about GlyphoDetox. I am as excited as all of you to learn, so I am. I'm gonna turn it over to you, Dr. Elias. It's great to see you. Thank you for being here.

Dr. Isaac Eliaz: thank you for the opportunity, both of me, and to speak to this wonderful audience and to speak about such an important topic like, uh, like pesticides.

Yes. And I'm going to start slideshow and from the start. Okay, great. So, This evening, uh, we have the opportunity to speak a little bit about how to protect ourself from glyphosate and other toxic pesticides that are bombarding our system.

Uh, so you already introduced me. I'm a. I am a physician. I'm a licensed acupuncturist, so I'm trained vertically in multiple medical systems. Spent decades in mind body training, meditation, many years of meditation, retreat and contemplation. Uh, wrote the book about the survival paradox, Galacten-3, but I'm also an active researcher.

I have a NIH grant. I research therapeutic affairs, and uh, specifically, And I researched the removal of Galacten-3. And all of these elements integrate together into my view on life and on my view on how to address our health. So tonight I wanna talk specifically about pesticide, and part of it is, The fact that I've, uh, I've realized, I've recognized that I've, I've overlooked the critical importance of pesticide.

Not that we didn't know that it's a problem. I've done some pioneering work on removal of heavy metals in the late 90s, early 2000s published papers showing that modified in respect to PectaSol can effectively remove lead and mercury, et cetera. But I think we all got numb to the effect that we can't win it.

There are pesticides everywhere and it's effect of life, but I've recognized in my patients that if you don't address this part, you really can't get complete healing. And unfortunately, there's not one person on this call unless there, there's somebody really isolated. Uh, in the middle of nowhere in a mountain hill making their own food that doesn't have pesticide in their body.

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04:03 Chronic Exposure to High Levels of Pesticides

Dr. Isaac Eliaz: So glyphosate roundup is the most common pesticide. It is a water soluble pesticides. Not only is it very toxic, but it is actually pre, uh, it is actually mixed into a, into different soups, different formulations, which are not regulated. And, uh, even more toxic. So if we look at glyphosate, there's about one pound per person in United States per year is being used.

Each of us has in our body a few ounces of glyphosate right now that we know out of absorption. Every year we absorb a few ounces of, of pesticides, of just glyphosate. But if you look at the list, You can see that there are so many other pesticides that are, that are quite prevalent, you know, at 20 or 30% the amount of glyphosate.

So we live in a toxic world that is affecting our health, and together with other element of toxicity, uh, stress, speed of life, emotional, psychological stress, this really makes a big con, a big contribution. To damaging our health. The problem with glyphosate is one, it is water soluble so it can penetrate into the water table and go everywhere in a, in a horizontal plane, you can find it miles and miles away from where it was sprayed, and that is very similar.

05:34 Today's Top Sources of Glyphosate & Pesticides

Dr. Isaac Eliaz: To our smallest and essential amino acid glycine. We'll talk about it in a moment. So glyphosate is present in oats, in wheat, in corn, in soy, especially, very much in, in this. And as, uh, the, this co this, uh, Wheat, corn and soil become more resistant to bags than you get higher level of spring. So it contaminates our water, it contaminates our soil, it contaminates our air in agricultural zone, and it's also a present in exhaust emissions from biofuel.

06:12 How Glyphosate & Other Pesticides Damage Your Health

Dr. Isaac Eliaz: So why is glyphosate so problematic? Because it starts with, In the digestive system, naturally that's what we got through. So it really destroys the healthy microbial population. It really disrupts our microbiome. And Desat directly can create, for example, antibiotic resistance, but. We need our microbiome to absorb nutrients and to activate compounds.

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We have an amazing relationship with our microbiome that we tend to underappreciate. We're not grateful enough. We have 50 trillion cells rounding up. People say 37 trillion. I have no idea why they say 37. I rounded up to 50 trillion. Trillion, not million. Not million times thousand billion by trillion, but we have between 50 and a hundred trillion organisms in our microbiome, and 90% of our DNA material comes from the microbiome.

And as long as we take care of the microbiome, microbiome takes care of us. One of the amazing things, Healthy microbiome is required for a cancer patient to respond to immunotherapy and to chemotherapy. If you give a patient Adriamycin and they take antibiotics in the same time, the most common chemotherapy, uh, the chemotherapy will not work.

So glyphosate comes in, it disrupt the microbiome, which will then disrupt our ability to absorb nutrients. And it'll create dysbiosis that then will drive naturally because of the inflammation in the gut and leaky gut. It'll drive systemic problems from chronic kidney disease, which is an epidemic in this country.

I do a lot of work. Successful with chronic kidney disease, it's one of my, of my focuses. I really believe it's a treatable condition. 17% of the population to cancer, to neurological diseases and more. There's a clear relationship between nervous system issues and glyphosate. So if we look more specifically at what it does in the gut, it destroys healthy microbes from what pathogenic bacteria disrupt the balance.

08: 32 How Glyphosates & Pesticides Destroy Your Gut Health

Dr. Isaac Eliaz: It impairs the detox pathways and in increased toxic burden and inflammation damages the gut promoting leaky gut, and it's dri. It drives celiac disease and gluten intolerance and promote antibiotic resistance. Many of you may have the experience. Or heard about someone that is gluten sensitive. They go to Europe, they go to Italy, suddenly they can eat bread, they can eat pasta, no gluten sensitivity, and then suddenly they come back to United States and the gluten sensitivity is big.

Well, there is no GMO, wheat in Europe and glyphosate is illegal. So you don't have this, uh, induced gluten sensitivity that is actually due to pesticides.

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09:22 Brain-Damaging Effects of Glyphosate & Pesticides

Dr. Isaac Eliaz: So because of the gut-brain connection, we will naturally expect to have a strong connection between these two. So when we disrupt the gut health and the microbiome diversity, it'll affect the nervous.

So if we look, you know, now it's a very popular term, the gut-brain connection, but it's a very ancient basic concept in Chinese medicine, our digestive system, we have our physical digestive system, that's our actual gut digestive system, and we have our mental digestive system, our brain. So naturally they relate to [00:10:00] each other, but a lot of neurotransmitters are produced in the gut in.

There are more neurotransmitters produced in the gut than in the brain. 90% of serotonin. So when you get disruption at the microbiome level and you get reduction of, of production of essential neurotransmitters, you will naturally have an effect on your nerve. But through specifically leaky gut, gut-brain connection, vagal.

Regulation between the two pesticide, especially glyphosate, uh, relate to increase in autism. We see dramatic increase in the Central Valley in California, whether it's tons of spraying Parkinson's, disease, Alzheimer's, and never inflammation and diseases in China. Now glyphosate and pesticide naturally will also cause damage to the cell, to the tissue, to the organ.

11:00 Glyphosate & Pesticides Effects on Cells, Tissues & Organs

Dr. Isaac Eliaz: They will increase oxidative stress and inflammation and the hallmark. They will affect our mitochondrial function. And once our mitochondrial function is abnormal, it affects every disease in the valley because of the nutritional issue. One of the mechanisms of glypho. Is that in plants, that's how it's, it's a pesticide.

It doesn't let the plant absorb minerals, but it's not supposed to affect a utic human cell. Well, it affects the microbiome then. Then will affect. Our gut and it affects the gut lining, and that's how we get these disruptions. And it creates a great environment for increase of toxin storage because now it can disrupt absorption of mineral and it can be a delivery system, for example, for aluminum to the brain that relates to Alzheimer.

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And as such, it's linked to DNA damage to cancer, specifically non-hodgkin's lymphomas, prostate cancer. Chronic kidney disease and end-stage renal failure, huge problem. Reproductive problems and autoimmune conditions autoimmune, both from the disruption of the pesticides themselves and DNA damage, both from the damage to the to the metabolism of the cell and from leaky gut in antigen large molecules that are not supposed to be in the circulation, making it through the gut.

12:36 Where Do Pesticides Hide in Your Body?

Dr. Isaac Eliaz: So where do pesticides like to hide in your body? So pesticides can be stored in different parts of the body. So the fat soluble pesticides are stored in fat cells, in breast tissue, in brain, in central nervous system. For example, DDT is banned in Israel since the sixties yet because it by a. You can still find high level of DDT breast tissue in, in, in women in Israel 50, 60 years later.

Glyphosate is very similar to glycine. Glycine are smallest amino acid acid. It is a, it is an inhibitory neuroprotective. Neurotransmitter and it's a, the main blocking, uh, building block for collagen. So it's present in bones, in organs and tissues. And glyphosate can exchange with glycine because they're so similar.

And as such, it'll weaken our tendons, will affect our bones, and will affect our brain. Creating an excitatory, restless. ADHD. Nervous system function instead of an inhibitory, calm, spacious. And that's what you see in a lot in autism and other conditions. And it'll affect the thyroid because of the first metabolism, and it'll also promote biofilm is a response.

Once biofilm is an environment, a metrics a gel that bacteria. to live within it. And the biofilm can have peaceful nature. It's part of it in the gut. It exchanges nutrient with the gut lining. Everything is okay. When it get disrupted. When it gets oxidized, the oxidized lipids can sequester toxins and microbes and create more aggressive microbes.

And the backbone of this is Galectin-3 that we'll talk about a little bit. .

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14:42 Pesticide Detox: Daily Protection Against Ongoing Exposure

Dr. Isaac Eliaz: So when I, uh, I usually don't talk about something unless I have a solution, because what's the point? Uh, you know, it remind me. Now everybody talks about global warming and the scientists spend all their life and they go and tell us that everything in Antarctica, Antarctica is going to melt in 10 years.

Why don't you give us some solutions? You know, uh, only, only bad news doesn't help. So when I looked at this I under, I realized that pesticides affect every part of, of our environment. It affects our, our plants, and as a result, meet. It affects our soil and it affects our water, and therefore I was looking for solution from the same kingdoms.

Because nature is wise, nature always offers a solution. So I try to develop something that can bind and eliminate pesticide, and I've done a lot of work with binding for decades. Prevent uptake in storage, which means we prevent absorption and reabsorption in the gut, have some protection, organ and systems, and improve detox.

And we play. We play when we pledge the gut and microbiome something very focused that can be used on its own and with other products. And that's when I came with GlyphoDetox because it is a very powerful, you'll see a moment where binding and gut support can eliminate glypho as a pesticides also negatively charge ions.

16:03 About GlyphoDetox Pesticide Detox Formula

Dr. Isaac Eliaz: Often overlooked bromide, chloride, fluorides. It blocks toxic storage. As I mentioned, support glutathione, our main antioxidant production, and has a number of ingredients that address the concept. So this is our preliminary data from our glyphosate study with GlyphoDetox. These. Four subject that was selected out of a larger number because they had high level of glyphosate, urine tests, and they were taking two capsules twice daily after six weeks.

And you can see a dramatic decrease in all of them. You can see, although all of them came to a acceptable level there, it's not really acceptable. You want to have nothing, but you can see some relationship when it's very high, it really doesn't get as low as here. For example, you can see how the level.

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The initial level effects where we get, and now we are engaged in a much larger study. We've also seen some removal of microtoxins reduction like Aflatoxin A, so it's very exciting. So how does it do it? I mentioned the concept of addressing the different kingdoms. So from the plant kingdom, we're using citrus pectin, not modified citrus pectin, respecting PectaSol, but regular pectin, which is high molecular weight and highly terrified, so it has a greater affinity to fat soluble toxins to microtoxin.

17:42 GlyphoDetox Ingredients & Benefits

Dr. Isaac Eliaz: To neurotoxins and because of the high molecular weight, it stays in. The gut doesn't get absorbed so it can reabsorb. When, when you get some, some toxins and pesticides coming with the bile to the gut, the pectin will, reabsorb, will absorb it. Then we have kelp. Kelp is really is what give life. Kelp and folic acid give life to the formula.

A good formula has a life in it. When I formulate people ever, uh, spend time with me when I formulate, it's a whole creative process. It's not just based on science. So kelp is really a, an amazing living plant. It is very high in algenate. Which is a main binder of toxins, but it also is have nourishing protein.

It is a lot of minerals, has iodine, organic iodine, we are doing it at small amount. So it's not a problem with people with Hashimoto and it can exchange with a negatively charge ion. So you got pectin with greater affinity to positively charge ion lead mercury, arsenic, caesium, uranium, et cetera, nickel, cobalt, but also affinity to the negatively charged iron that are often used with pesticides, for example, in, in, uh, in grapes, you.

Bromide and, uh, it displaces this net damaging ions, oxidizing ions, and reduces the oxidative stress, but it also provides nourishment. And my favorite ingredient is folic acid. Acid from, uh, equivalent, but it's made in the United States, so it's very clear. Uh, fulvic acid is a substance that that penetrates through the rocks of mountains over tens of millions of years.

It's very rich in minerals. Of all kind, including trace elements. And this specific is very high in fulvic acidity, I think 40%, and it has remarkable detoxification property. It can

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bind to glyphosate, but it can also regulate and improve mitochondrial function and reduce neuro inflammation. So we're addressing all the kingdom, the soil, the water.

And the plant, what I mentioned, and then we add alginate because it works very well with pectins, it gives a different profile of binding of toxin and pesticide in the gut. I've done a lot of work with alginate over 30 years. Almost helps to break down biofilm support, gut and glycine, specifically both to exchange with glyphosate and to support production of glutathione as a way to aid in liver detox.

20:36 GlyphoDetox Pesticide Detox Protocol

Dr. Isaac Eliaz: So how do you take GlyphoDetox? You take two capsules twice a day early in the morning and after dinner, ideally before bedtime. So it can do its work. If people are very sensitive with muscle activation can start with one capsule, but most people actually have no problem. And one of the benefits that people are reporting is actually improve in mental acuity, in in in cognitive function.

Because of the connection and because of the toxin that are being reduced. So just to summarize about GlyphoDetox, eh, it has research ingredient and by limited glypho another pesticide, and it prevent glypho and the pesticides started in the body and it supports the gut wall, eh, the repair of the gut wall and the diversity of the microbiome, which is a big problem.

The, the reduction on diversity of the microbiome is a reflection of the reduction of diversity in our life. And we all, we live in a world where people have a hard time accepting an opinion that is different than theirs. You know, accepting the diversity between people and it's affect different species, you know, as a, I'm, I'm, I, I'm, I'm, I used to be a beekeeper for many years and I started raising bees again just to support the world, and it's amazing how they, they just dined the foil, something I've never seen.

I raised bees for decades, so it's part of. Deep disruption in our environment. So we are trying to address it here on the gut level, but we also have to remember the bigger picture. It boosts luth production and supports key organs.

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22:15 **Enhancing GlyphoDetox Benefits with PectaSol Modified Citrus Pectin (Galectin-3 Blocker)**

Dr. Isaac Eliaz: So, The supplement that will enhance the benefits of GlyphoDetox is really PectaSol, it has about, by now it has 80 published papers, another paper just published yesterday. And, uh, it affects key areas of our health, but specifically has importance in detoxification. So how does, uh, PectaSol work? PectaSol blocks a protein, a carbohydrate, a sugar binding protein called Galectin-3. Galectin-3 has a unique structure with a place where it binds through different ligands.

What these ligands are usually different, nasty. Nasty compounds that increases inflammation, increases, uh, increases fibrosis. And so once it binds, it creates a [inaudible], and then one [inaudible] can bind to the other and create a lattice formation, a biofilm. So this is a basic structure that biofilm can be built on.

When you give modified respecting, you dislodge the different ligands and you break. Biofilm as such, because Galectin-3 drives inflammation, fibrosis, immune imbalance, degenerative disease. When you block Galectin-3, you will help to eliminate the metals mycotoxins. You will balance the immune response.

And so one thing that people are seeing very sensitive people with Lyme disease, with MCA with mycotoxins is that they do not have a hug sign. They don't hugs, they don't have a healing aggravation. And why? Because PectaSol is not just a binder. Yeah, it is an amazing binding properties, especially for heavy metals.

It also regulates the abnormal immune response, the cytokine storm that we are so familiar with. With Covid, it regulates the inflammatory response and it reduces fibrosis and organ tissue damage. But very important, Galectin-3 disrupts the blood-brain. And it causes narrow inflammation. In fact, when you have lack of blood coming to the brain, even for a short time, the brain will respond with increase in excretion of Galectin-3 and damage to the tissue.

And if you give MCP. You will reduce it. The Alzheimer plaque, for example, has 10 to 20 times the amount of Galectin-3 compared to normal normal tissue. So combining both together is an excellent in the, in an excellent way of addressing the pesticides.

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25:02 Galectin-3

Dr. Isaac Eliaz: So just the Galectin-3, which I coined the paradox protein because it helps us survive, but it does it by causing inflammation.

In fibrosis, it activates mass cells. Cytokine storm, Alzheimer reaction drives liver inflammation in inflammation. Very important fuels cancer. We've done a lot that our original research, organ failure biofilm and also helps to drive toxin infections, stress aging. In the aging process, and as such, it'll affect cardiovascular, liver, lung, kidney, inflammation and fibrosis, organ dysfunction of all kinds.

It'll affect cancer growth and metastasis. Galectin-3 and will drive metabolic diseases and circulator diseases, diabetes, how disease, kidney failure, Alzheimer, and aging. Why blocking Galectin-3, in my opinion, is the most important supplement someone can take.

26:00 Benefits of PectaSol

Dr. Isaac Eliaz: So the benefit of the, of the Paton in pesticide defense is that it helped remove heavy metals, microtoxins, environmental toxins from the circulation. It has a systemic effect. And, uh, it modulates overactive immune and inflammatory response, and it prevents the cytokine storm. The Herxhimer reactions, they, they, they're feeling sick.

When you take a binder, it protects the brain blood brainin barrier. Very important for cognitive health and support microbiome and gut tells a lot of paper that we published with USDA and promotes optimal cell tissue and organ.

26:41 How to Optimize Use of PectaSol & GlyphoDetox

Dr. Isaac Eliaz: So how to take them together. You, you scale up, you start with one scoop of PectaSol, or six capsules and two capsules of GlyphoDetox.

And then you build after a few days to one scoop twice a day and two capsules twice a day, and then to one and a half scoops and two capsules. You take them in the same time and you take them until you feel that you have reached your. Like you're

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feeling better. Whatever health condition you wanted to address has been addressed.

If you have a serious chronic condition, this will be an ongoing dose, and then slowly you can go back to your maintenance dose depending on how healthy you are. And sometime it's good for periods of time, especially the spring and the fall season, to do a more concerted detox effort where you can increase your dose.

But if you have high burden of, of pesticide, you live in an. With a lot of pesticides, lot of toxins. You live next to an airport where the planes are landing or taking off above your house, you will need a higher dose, the middle tier or the, or the maximal tier. So that's a little bit about briefly, and I will be happy to, to answer questions.

Dr. Sharon Stills: That was fantastic. Thank you. Um, can you just talk before we go to the, um, chat to see if there's questions, um, Galectin-3 about how people can get that measured and

Somebody asked if you can take the product with melatonin. Definitely. And with other meds, it's not a problem,

My question about Galectin-3,

28:21 Galectin-3 Testing

Dr. Isaac Eliaz: So Galectin-3 is an FDA approved test.

It's done by every lab, lab COR request. Every lab does it. It's usually covered by insurance. Eh, not always, but usually, and it's useful to test to know how high it is, but it's not what will determine if you're gonna use modified CPEC because of our genetic predisposition. Something called MMPs. Nine yellow eh proteins.

You could see that the gal Galectin-3 could be in five and could be in one. But when we, when the machine identifies it in the an, an analysis five and one count only as one. So if you have more ones, you'll have a higher number. So if you have a higher level of Galectin-3, you need more modified to spect.

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to block the gal. So if you are healthy in good shape and your galia three comes elevated, and I'll say in a moment, what is elevated, you go to 15 grams a day if it's very high, if it's over 20, you take 20 grams a day. Now let's talk about the levels of galin three. So the initial approval for Galectin-3 was for patient with congestive heart.

And it was done with the manual kits. So then the values were higher than they are with automated kits. But people with congestive heart failure often have kidney problems, and because they have kidney problems, they're not excreting Galectin-3. So the values artificially go up, and as such, they made normal, under 17.8.

17.8 is extremely. , anything above 12 becomes a concern for me. Definitely 14. So anybody getting to 14, 15 grams a day of, uh, of pone. If you have, if you went through a period of stress, emotional stress, psychological stress, physical stress, surgery, a strong treatment, big exertion, that that was difficult scarring.

You need a higher dose. Of modified perspective. So you use Galectin-3 to monitor how much you need in case that you are healthy, but you go by the condition. And we have different protocols in my book, the Survival Paradox, uh, that is about the whole paradigm shift of what the Survival Paradox is about and how our built.

Survival power is what gets us thick. Actually, I also give all the charts with the different levels of, of uh, how to use modified perspective. But if you are healthy and the suddenly you show up with high level, level selectin, three, you gotta go with the high dose of, of modified perspective.

Dr. Sharon Stills: Great, thank you.

31:14 Importance of Organic Food

Dr. Sharon Stills: And someone I asked if with glyphosate, is it important to eat organic food,

Dr. Isaac Eliaz: it. It is very important and it is important to recognize that it's very hard to prevent glyphosate from coming into our food because of the horizontal movement. You can buy food from a field that is organic and a mile a mile away through the field that is being sprayed.

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The glyphosate is going to make it to the organic field. That's the unfortunate part. 10, 12 miles horizontally. It.

Dr. Sharon Stills: But I definitely notice when I check glyphosate levels urine in patients that the ones who eat predominantly organic, their levels aren't zero cuz of like what you said, but their levels absolutely are always lower than patients who don't eat organic.

Dr. Isaac Eliaz: Absolutely. And, you know, and one, one important thing to realize, there is no such a thing, like safe level of, of pesticide, like tailing, a little bit of poison is good for you. You know? No, there is no such a thing, and that's why we have to take active oil. If you ask somebody ask. How long do I have to take life or detox?

As long as you're eating, you're gonna get, uh, glyphosate. Yeah. If you're in great shape and you went through your detox period for a few months, it may be only one capsule twice a day or even one capsule a day. If you are really eating superb. But people will see the difference and a lot we are getting feedback on, uh, on digestive improvement and on mental improvement. Mm.

Dr. Sharon Stills: I'm laughing cuz I know the lab, when you do glyphosate testing the lab's like, oh 75% and below is normal. Yeah. And I'm like, no, that's just, you think it's normal cuz everyone has so much glyphosate.

Dr. Isaac Eliaz: Exactly.

Dr. Sharon Stills: It's not normal .

Dr. Isaac Eliaz: Especially when standards for the audience standards are based. On algorithm based on who has been tested, but who is tested. People have problems...

Dr. Sharon Stills: Exactly.

Dr. Isaac Eliaz: Somebody the street who is healthy is not gonna go and test for glyphosate, right? Yeah. So the standard for labs that, that the doctor send samples for patients, they're worried about glyphosate. That's not a good standard. That's what I call a substandard .

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33:31 GlyphoDetox & PectaSol for Maintenance

Dr. Sharon Stills: Exactly. So Gretel's asking, If we start feeling better when we take the product, but since we're always exposed to some sort of glyphosate levels, should we always be on a maintenance of the OL and the GlyphoDetox?

Yes, especially the

Dr. Isaac Eliaz: pentasol as we age. Gallin three goes up. Gallin three drives. Almost every chronic disease. In fact, my research, my N NIH funded research now is on removal of Galectin-3 with therapeutic apheresis, with blood filtration specifically for sepsis, actually for acute infection of the blood that kills people and kidney.

So yes, you should go on it for all the time.

34:17 Use with Kidney Disease

Dr. Isaac Eliaz: And there was a question about people with kidney failure, so. It depends on your EGFR, on your estimated glom filtration rate because pol is buffered with potassium. There is some potassium. It's not a problem for anyone whose EGFR is above 20. The normal is like, you know, 70, 80, 90, a hundred people.

People who have a problem know what I'm talking about. So if you're above above 20, you can start with 10 grams a day. If you are under 20, even at 15, you start with one, one scoop a day only, and you slowly watch and see what happens. But, uh, one of my, uh, One of my interests is in treating, uh, advanced chronic kidney disease with combining of therapeutic aphesis of filtration of the plasma to remove inflammatory compounds together with spectacle, and I've had remarkable success. Remarkable.

35:20 Pulling Mercury form Brain & Lead from Bones

Dr. Sharon Stills: How well does it pull mercury from the brain and lead from the bones?

Dr. Isaac Eliaz: So

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it's a, it's a great question. Ok, pulling lead from the bone is a challenge for especially long bones?

You know, not, uh, uh, is a challenge for, for any chelating agent. So usually PectaSol will remove heavy metal through gradients. So, for example, it, it's an amazing chelator of lead, amazing. The affinity of lead to, to this specific modified, respecting because of the structure and because of the side chains is very, very high.

And in fact, we have to source special peels that are low in lead cause lead is present in nature. You know, people talk about lead when you eat a tomato, when you eat a fruit, or when you eat a vegetable, you're getting some lead. There's no way not to get lead, but it's bound lead. It's a lead in the water that is a problem.

It's a lead in the air that is a problem, but this one is not regulated. It's allowed, you are allowed to have lead in the water. You are allowed to have lead in pharmaceuticals, but you're not allowed to have lead in supplement. That's part of the politics we live in, so it's a very strong binder of all positively charged

heavy metals. Definitely very effective for this. Now in our studies, we have shown when we have done a D M P S challenge, after six months of people using besol, we have shown in all subjects a significant decrease. In, in, in, in total body burden of mercury. And it mainly works through gradient. And because at this time, you know, we weren't Sharon, we weren't as as aware of the inflammatory role of Galectin-3.

I just came up with observation in the early two thousands. It took a decade until the world started recognizing it, but we actually noticed improvement in inflammation when you. Modified it respecting. And one of the benefit mechanism we see that over time is we are removing the heavy metals through gradient.

The tissue is letting go. So we not only do we see, for example, in 24 hour urine and improvement in in heavy metal levels, but you know, a studies, we've also seen improvement in long-term. Total body burden. And the beauty is that because of the galus Reregulating effect, it doesn't come one, with a side effect of just a binder.

And two, there is no redistribution. You're not moving it from a fatty tissue and sending it into the brain. You're removing it from the bloodstream, from the extracellular space and allowing the tissue to let go and release. And that's why over

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time, I, I've just had an international patient who just, uh, came and she, she was telling me, you know, she had such high level of heavy metals and she used modified to my modified to spec.

It completely resolved and now interesting with the hair lysis, which gives you a three months reflection. So it's not something of one day, eh, so, yeah. But unfortunately we live in a toxic world and we have to recognize. . We don't have to panic about it. We just have to recognize it. And we have to realize we do have a choice.

A choice to take care of our health, a choice to decide what we're going to eat and drink, and the choice of what we're gonna do to help the world to become less toxic, less inflamed, less aggressive, more tolerant. It's kind of urgent to do it. I think where we're right now, .

39:18 Aluminum & Mercury Toxicity

Dr. Sharon Stills: So she also wanted to know where does aluminum like to

hide?

Dr. Isaac Eliaz: Oh, aluminum likes to hide in different places, but loves the brain. Aluminum really loves the brain. Now. Mercury loves the heart muscle, you know, uh, the heart is great affinity for mm-hmm for mercury. So patients with cardiomyopathy will have astronomical concentration of mercury in the heart.

Dr. Sharon Stills: Absolutely I have.

Mel helped many a patient with AFib just by detoxing,

Dr. Isaac Eliaz: right? Exactly. Yeah.

Right. Yeah.

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39:50 Dissolving PectaSol

Dr. Sharon Stills: So someone initials SF says, I started taking OL and powder and when I added to the water, it clumps together. Is there a way to dissolve Right.

[00:40:00] Product easier?

Dr. Isaac Eliaz: Yeah. Yeah. So you put the PTA salt in the cup and then you put a little bit of very little regular.

Like, uh, room temperature water, and you put this amount of hot water so it's pretty hot and you don't touch it for five minutes. You go do something else. The particles are very small. It's part of the design, so you need to give them time to absorb the water and then you mix very well and you add more water, and then there will be no problem if you try to right away mix it, it's gonna clump great.

And, and by the way, we.

40:40 Glass Shaker Bottles

Dr. Isaac Eliaz: Environmentally safe glass bottles that are shakers and you should look. EcoNugenics has them I'm really proud of it because it's for the environment. No, no use of plastic and you can use them for, for a long time. So you put your ole, you put water, you shake it really well, and then you just drink it whenever you want.

It's a really neat thing that we put out. Just support the environ.

41:05 Will it bind up things other than heavy metals (like minerals)?

Dr. Sharon Stills: Awesome. Love that. Uh, James asks, won't pol bind up other ingredients?

N the affinity is really mainly to

Dr. Isaac Eliaz: toxins, to heavy metals. It that does not deplete minerals. We've shown it in our studies, eh, Absorption is better, probably on empty stomach.

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It's not as critical as I thought in the mid nineties. I mean, a lot of the restrictions was just because I was very careful. I didn't know how it'll react until I did the heavy metal studies in the early two thousands. So it's good even taking 10, 15 minutes before food is fine, and now after food is.

More important to take it than to worry when to take it. I've never seen a patient that had a depletion of minerals or at least an observation or a report from someone, and we are probably talking by now, hundreds of thousands of people have used it.

Dr. Sharon Stills: Excellent, excellent.

42:06 Neurological Symptoms, Post-Concussion Dosing or Titration?

Dr. Sharon Stills: Candace says she experiences many neuro symptoms from post-concussion, has chemical sensitivities.

So would someone like this go for a higher dose from the start or need to titrate?

Dr. Isaac Eliaz: Uh, no. She needs to titrate. Definitely, definitely needs to ti it. And this is a great combination with foil together with circulation support botanical such as ped basic Orna kinase or Lum kinase or several peptides. And also hon Nochi to regulate the intracellular neuro inflammation.

Definitely because uh, it's both the injury to the brain and both the retried. From the injury, that is a whole big topic. So Galectin-3 our survival protein, we respond to survival automatically through our autonomic nervous system. Sympathetic system fight, which equates to inflammation, flighted equates to isolation, fibrosis, and we respond to it biochemically with gal, with, with, uh, Galectin-3.

43:14 Whole Person Healing and Multi-Generational Healing

Dr. Isaac Eliaz: So one of the things for healing is to try to heal the, heal our scars of survival. And one of the three solution chapters in my books, the Survival Paradox, describes it. And so, Often, I mean, in this case, there is a direct link to an accident, to a trauma, to a concussion. But often what we experience now is a result of something that happened to our ancestors or even to people around our ancestors that affected them epigenetically.

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And that's why multi-generational healing is very powerful and is do. It's really, really, really doable when we move from our survivor reactivity, which is driven by Galectin-3, by abnormal metabolism, by abnormal membrane receptors into responsiveness, into acceptance. It was how does, how to accept blood from everywhere.

That's when real healing happened. That's why the heart, Galectin-3 is so devastating for the heart, so it creates hardening, fibrosis of the heart. . So when we melt the hardening of the heart, we have less Galectin-3, but we also have a better life. Mm-hmm. . And I really think, again, it's essential these days.

Hmm.

44:37 Is there any progress in terms of policies to ban glyphosate from the US?

Dr. Sharon Stills: I love that. I'm gonna try and get through a few more questions. Um, of course, Fred, ask a good question. Do you know what's being done nowadays in terms of policies to bla to ban glyphosate in the us?

Dr. Isaac Eliaz: Yes. Great. Great question. Around us Mexico has been, uh, glyphosate and there is supposedly a rule coming that you won't be able to use glyphosate in, in private lawns.

And it sounds great, but it's a fraction of a fraction of a fraction of the glyphosate used. So it's like a lip service. It's better than nothing, but, uh, you know. Industry is tough, especially in our, I mean, Mon Centa was bought by Bayer, which is international companies, so, Hopefully it'll be completely banned, you know?

But there's a lot of, uh, you know, a lot of ideas that organic, uh, produce, uh, don't, uh, don't yield as much, uh, as much yield, which is not true. I remember I once heard, I swear, I once heard an interview with the c e O of Monsanto. Okay? The people who made Clive. So then at the end, he's wasted. He had an English accent, it was many years ago, and he said, ask him, so what do you buy?

He says, oh, I buy only organic. You know, I couldn't, he's whole, and he buying only organic to his own family. Thanks. That's what you call truly true integrity. You know, .

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Dr. Sharon Stills: Yeah. Yeah. That's well sick.

Dr. Isaac Eliaz: But the good news, you know, when it's very dark. Every small light makes a big difference. Right now it's the holidays, Hanukah, Christmas, and so these holidays come when the day is very short, the shortest day of the year, right?

It's very dark. Then little bit of light makes a big difference. So each of us, you, me, each of us can make a difference. And again, the difference is not only by taking care of ourself, but being a little bit less focused about our. And by thinking about others and realizing that our difficulties. Similar difficulties are experienced by every human being, by every sentence being, when we open our heart, we dissolve the biofilm, we dissolve the hardening of Galectin-3.

So there's Ed respect in one end, and there's what I call, what I teach, what I practice open heart medicine, which is just sharing our heart with each other and supporting each other and accepting that somebody else may have a different opinion. Somebody. Who is against vaccines and somebody is four vaccines, and each of them is entitled to their own opinion.

And that's just one example. Same politically, same ethnically, same gender. It's all about this basic equality because. Everything is changeable in this, in this universe. So what appears to be one, one thing, one, one moment is another thing. Another moment. As, as long as we keep with the flow, then our heart is flowing.

As long as our heart is flowing and our circulation is flowing, we have no inflammation, we have no diseases. That's part of real health and it's, uh, I just wanted to share. Well,

Dr. Sharon Stills: that's why I appreciate you so much. The mind body, it's, it's not just taking the supplements that's very important, but it's also doing the work on your heart and your life and your flow.

48:17 Kidney Disease and Product Safety

Dr. Sharon Stills: So I just wanna, I know you've talked about kidney disease, but it's coming up a few times. Can you just, um, talk about like chronic kidney disease, these products are safe to take.

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Dr. Isaac Eliaz: Yes. So, For chronic kidney disease, these products are definitely safe to take the GlyphoDetox. Definitely PectoSol is critical, but if you have chronic kidney disease is a range.

So for somebody, let's say people, anybody asking knows, so for stage three A, B, even for stage four, a 15 to 30 E G F R, you can take 10 gram. Even 10 grams of of pol. And as you, you watch your potassium, if your potassium stay balanced, you start going higher. If you are really in what you call end stage renal disease or an OR in dialysis, then you start with five grams a day and the it's especially will be beneficial for diabetes and hypertension.

Eh, circulatory driven chronic kidney disease. Now, to really help chronic kidney disease, you do need to do therapeutic sis, which is something, a specialized tahaba clinic, which is similar to dialysis, but we specifically remove the inflammatory compounds because remember I just said in a moment that everything is changeable.

The tissue is also changeable. As long as we are alive, everything changes. So as long as the tissue is just inflamed, but still has movement in it and life in it and gets blood supply, you can change it. That's the power of infinite healing and in kidney disease. [00:50:00] When I say have remarkable success, I'm not over over.

It's not, I'm not overestimating it. I do, I, I, I help. Almost every chronic disease it takes time. But it's really something that, it's a concept because regular doctors are trained with a concept that you can never, improve a chronic kidney disease. But that's a concept. It's not true. Exactly, exactly.

50:27 Where to get the Galectin-3 Test

Dr. Sharon Stills: So Sandy, you can get the Galectin-3 tests, just a regular, you know, lab core quest. Jolene has a question. Is this detox recommended while removing amalgam mercury fillings?

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50:38 Detox recommendations for removal of amalgam mercury fillings

Dr. Isaac Eliaz: Yes. So it's very important if you have amalgam fillings, especially if they're relatively new, you cannot use binders that go into the tissue like DMSA DMPS

It has very little affinity from Mercury because you will redistribute the heavy metals, but you can use PectaSol because it'll remove it from the bloodstream and slowly or levels. So there is no restrictions to using PectaSol when you have a problem. Now, when you are going through a process of actually removal, Of amalgam fillings, then yes, you go on a full dose of PectaSol.

You also take PectaClear or PectaSol detox complex, which is Alginates and MCP together, and you also add the GlyphoDetox because you really, especially around the procedure, cuz you want to prevent absorption and reabsorption. Yeah, I mean, eh, removal of amalgam feelings done incorrectly is much worse than not removing them.

Dr. Sharon Stills: Exactly. Exactly. You wanna make sure your emunctories are open and you're draining. Exactly.

Dr. Isaac Eliaz: And there's negative pressure in the room and Yeah. And oxygen. Yeah, definitely. It's very important. You, you don't mess around with, uh, with such toxic material.

Dr. Sharon Stills: You know, you find a biological dentist to do it right or you don't do it at all.

Dr. Isaac Eliaz: Exactly. A hundred percent agree.

Dr. Sharon Stills: So Kate has an interesting question. She says, what about in TCM, Traditional Chinese Medicine? They say no citrus for people with eczema.

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52:19 TCM, No Citrus for people with eczema?

Dr. Isaac Eliaz: Yeah. So first of all, it depends. , uh, I wouldn't, uh, as, as a, as a TCM herbalist depend, I mean, you will, you will use champion and sometime even chin pees, it's more like stagnation and, uh, so it's not all, and yeah, so not always, but it's different.

We are using, actually, actually motivated respecting is excellent for. Because it reduces inflammation. So again, we are not using the bioflavonoids, the all the, the allergenic parts of the citrus. We're using the pectin, the, it's what comes in the white part of the citrus, this long chain of carbohydrate.

They're just bind to toxin, so it's not a problem. People who are allergic to citrus, people who tell, like people who say they can't take medication with, with, uh, grapefruit because of cytochrome P450, no issue. Now one of the interesting thing, a paper that was published that we somehow missed and we just now edit to our list.

Our modified research was showed to help a settlement of offending toxicity, Tylenol toxicity, which is very important.

Dr. Sharon Stills: Wow. Well, this is just...

59:39 Does it bind negatively charged fluoride?

Dr. Isaac Eliaz: There is one more question. Does it bind? Remove negatively charged fluoride? Not PectaSol, but GlyphoDetox. That's why I created GlyphoDetox because there was a gap in removal of negatively.

Fluoride bromide, chloride across the board, it was overlooked and they created specifically GlyphoDetox for this purpose. And the kelp is very important because you need to have something to exchange. So you have organic iodine that exchanges very small amounts, but enough to create an exchange.

Hmm.

Dr. Sharon Stills: Interesting. Perfect. Well everyone says. Wonderful. Thank you so much. I thank you so much. This was fantastic, and just a very good reminder how

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important these products are for ongoing maintenance, for treatment for so many different reasons, and that, you know, I say it all the time, it's not a matter of are you toxic?

Unfortunately, at this point it's, you know, What are you doing about the toxins that we are continually bombarded with?

And these, these solutions that you have come up with are, are just phenomenal and helping so many people. And we so appreciate your work and everything that you're doing. And again, we have a, a discount if you wanna get on these.

You know, feel free to share with your, the ones you care about in your life, because this is something that can benefit us all and together we are all gonna get healthy. So thank you Dr. Eliaz, and taking the time out of your busy schedule and coming and educating my community. thank you everybody for listening. I so appreciate you.

Dr. Isaac Eliaz: Thank you. Thank you for having me. And happy holidays to everybody.

Dr. Sharon Stills: Yes, happy holidays. Let everyone's lights shine, and by



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