Introduction to Hans Ng and Ng3

Hi, this is Doctor Pollack. This is another episode of the IMF Healing Summit. And today we have a special expert. A lot of our experts are special. Some experts are more special than others.

And this expert is special to me, because this is a new technology that I learned about. Really, in the last three months or so. That's I think, has a tremendous advantage, for people.

But I'm gonna introduce, first of all, before we get into that and we'll get into the advantage of this new technology. With me today is as Hans ng ng.

You can see that on the on the background ng three. His company is called Ng three Corp. And Hans is the founder and CEO of Ng three. And, he comes from Germany.

You can tell from his accent that he's got a German background, and he has 25 years of experience, at least, with advanced medical technologies, including medical implants.

He has extensive, experience in research and development, production and quality assurance for medical devices of all kinds. And his degree and background are in material sciences and proteomics.

And he'll explain what proteomics is in a second. Okay. Which allowed him to develop the proprietary technology. That's the basis of this call today, which is about nano.

The N A and O capital V small AI. And this is a really exciting technology for me. And and obviously he's using this technology for health and athletic performance, but it does so many other things.

So rather than me saying more about this, I'll, let ha say anything else you want to say about his background and how he got to this point. Oh, thank you very much.

Thank you very much for the introduction. Yeah, a little bit to my background, and a little bit to to what? Lead to the, to this product and what was basically the driving force, you could say to get to a demo.

Like I said, my, read it education background is material science. And with this background, I went into medical industry, many, many decades ago now.

And that was basically human implants. The surface of human implants is sold to, in the research area. We are looking at what is the best base that an implant could grow into the body, and it's not being rejected.

The also hip implants, knee implants and all things. And these were big international companies, market leaders in this area. And by looking into this field, we had to look into them, not only into the product itself.

You have to look into the body. What is the body doing? How is the body accepting some material? How's the body working, actually? And that was, excuse me a little bit early beginning of, cell biology.

Understanding what is going in. So why do cells act in a certain way? And, you know, those things. And very soon, we were recognizing that every function of the entire cell activity or cellular activity is orchestrated by proteins.

And proteins, sensing, triggering. They are stopping processes. They are initiating processes. So they are doing basically all the work in the cells, and therefore they are doing the work in the body.

They also called is the workhorses. And is a science about proteins is called proteomic. You know, it's that

describes the building blocks of the proteins, which are the amino acids, how the amino acids are being chained together.

Yeah. And, after the Shane definition from the DNA, is, deciding what kind of protein is being used and what kind of movement and in what kind of quantity in a cell, you know, and then the the chains are building together.

And in the last part, the chains have to forward into a three dimensional knot. You could say, and every protein have their very specific three dimensional shape.

And when they are in the shape, then they are actually becoming the protein. And they are able to interact with each other. And so they can connect with each other, they can start process, they can stop processes.

So that was very interesting to, see what the state of the research was during this time. Basically what I just said. Amino acid chain folding, that was a state.

But there were a lot of questions. And one of the last questions was always, how is the folding process happens? Because that is not a chemical process.

You, out of other materials science area. We know that there it's a molecular folding process is, thermodynamic process. Simply higher order, or higher order switches into a media with low order, cause it's a low or a medium to increase it to order.

The very, very common thing and a lot of reactions that we know. Yeah. I mean, any kind of explosion is, for example, based on somewhat dynamic change of order. No.

So, is that this change of order is a driving force for proteins to fold was postulated in 1800 90s around they said already there is no other way. That is the only way, cause it works in all biological systems that we know, not only in humans.

Yeah. And, we see that it works in all kind of circumstances. Yeah. So even the testing, the out in the outer space. Yeah, it shows that something like gravity or anything is not part of it.

It is some more dynamic, really basic fundamental physical process.

Proteins, Proteomics, and the Origins of the Technology

So the next question then was and that is where I went in, more in the research and with experiments with preliminary studies was then connecting other areas in this field to looking in, is the source of the order that need for the proteins to be in.

Yeah. And there was then a lot of scientific research done in the university here in Seattle. Yeah, in the Department of Bioengineering by the professor, the leading professor Pollock, and Carrie Pollock.

Jerry Pollock. Yeah. Was that well, differently than my name is Pollock? Yeah. A great friend of mine. Yeah. Although over many, many years. Yeah. So, and we exchanged in the beginning, a lot of thoughts.

Yeah. About it and what his research came out with. And I could combine it with the information that I, accumulated over the years. Yeah. And building the patents, building the test units and and everything, and then putting out in the field to test in studies showed that the approach was correct.

So we really have, with this technology, the possibility to influence the end result of addressing the protein folding. Could you pause there for one second?

I have to go. And, all right. I'm sorry for pausing, but. Yeah. Okay. So if we were able, with our technology, to really to stay focused and to address only the folding process, and around and to start all these things started 13 years

ago.

So things like cooperation was founded, 13 years ago and around ten years later. Yeah. So after after the first three years, we had devices able on the market, registered as medical devices and being sold and adopted in clinics, performance centers, households, to address this process for the client who use it.

And yeah, we are actually we are actually located in Seattle with our company. So in Seattle, in Washington and now, since more than ten years, we produce the devices in the market.

The market is worldwide, or we, registered medical device in the US, in Europe, in the UK. In means entire Western world. We are, becoming more and more, tool in the areas where people would like to keep their biological status, where they are right now because they are happy.

So we call it to maintain your system. No, we have people would like to boost their system. Yeah. That means whoever is going in and, and performance have mental or physical performance.

Know that the demand on the body during the event of the performance causes damages. From and to be a high performer, these people would like to repair those damages faster. No.

And that is not only in the sport field where you have your physical, you have a lot of sports field where we need mental performance, race car drivers, for example.

Yeah, but we have also a lot of non sport areas. Yeah. So management jobs requiring constantly extremely high brainpower. And when you think that when you work an entire day very intensive with your brain, you are metabolizing as much oxygen in your brain as you are running a marathon.

So and whenever you metabolize something, the oxygen you create damaged in your cells because it's free radicals are not only good, they are also bad.

Like everything, access to side to every coin has two sides. So and is the other field is the healing field. Where people recognize already that they have a lost of certain kind of protein functions.

Basically all age related or chronic diseases. Manifestations of lost protein function. And they would like to have these re-installed and they use our technology.

Because it is not that the body is not able to build this protein. Of course, the body is able to build this protein. Because a blueprint is always in our body, it's always our DNA.

And then when it was working at the beginning, then it should work in the end of our life, it's always there. The DNA doesn't lose its part, the amino acids and we use basically, we can always say, make a simple 21 amino acid, we produce 50% by ourself.

And the other one we eat, and all these 21 building blocks, building all these 900,000 and more different proteins in our body. So they, share. No, if you eat, if you have the right nutrition, then you are fine.

And if you even and things, you cannot overdo it. Yeah, yeah, you can overdo it. Of course, if you really, really do badly. But if you supplement it, that's fine.

You will have it in your body. Your body is able to build this protein now. It's only the last little thing. It has to fold, And when it folds, then it will work.

But is it folding potential? That is something that is going down when we are getting older. And that is why we are getting older. So let's let's talk about a specific example.

Well, you had you had a recent event yourself. If I can, if I can share that with people. Yeah. Of course. Yeah. You

had a recent exposure to Covid. So let's let's go through Covid has has a lot of different things going on in the body.

But let's say as an infection, the infection and it causes the body's immune system to respond to to the infection to try to knock out the infection and the inflammation.

That's that results from that process helps the body to repair itself. So from a protein folding perspective, what would be like the sequence of events that would happen?

Yeah, there are a lot of things from a protein folding perspective. A lot of things happened to us in the same time. Yeah. The first thing is the intruder.

I would say the virus comes into the body. We need proteins in the body to recognize that something is wrong there. Yeah. So we have a lot of proteins who are constantly screening our body.

Is every saying fine or not fine. Say, if you have a cut in your finger, you see an inflammation around it. So the first thing is the body recognizes something in.

Yeah. And the cut on your finger is an easy thing. If you have a virus into your system, you don't really see it as a cut on the surface. But it's the same thing, buddy.

Recognize it. Recognize the recognition is done by proteins. The proteins have to look like you recognize a certain smell. Proteins are responsible for that.

You smell or taste. Yeah. So if the protein doesn't work, you wouldn't smell. No. So if your protein doesn't work that there is an intruder, then intruder could run freely around and could do something.

Whatever they want. I'm done assuming that your body recognizes that there's an intruder. Then it creates, defense line. So as it has the information, how do I defend against this intruder?

Yeah. Or if he doesn't know how I do it, I pretty much start the entire no, say, arsenal that I have and shoot him that direction. So the shooting in a direction we recognize as an inflammation, So, for example, you have again a cut on the finger, you get an inflammation.

There's all kinds of things. It is red. It is hurting. It starts to ooze. You can have a lot of different things. The body is putting everything in that direction to get rid of it.

Rejection processing is rejection. Yeah. I mean, even if you have a splinter, it could get encapsulate because the body rejected so much. So now we have a virus.

Now the virus is in very important organs in our body like lung. Very important. And now the really is shooting everything out there because this virus was unknown.

It has not have a special one little tool. Again for the troops. Everything out there. And by doing it, it as collateral damages. It creates a lot of other things in our body that would say, oh, I don't want to get damaged.

Yeah, but it is doing it. So the signaling or the recognizing molecules say, oh, doesn't work. You didn't hit it. So the immune system hits harder and harder and harder and more and more things are getting damaged in our body.

That's all, that is the reaction of the immune system. Yeah. So in my case, I was vaccinated. Vaccinated means I got some information in my system about what the body has to build for a special kind of tool to hit against this virus.

The virus came in at first, the entire immune system reacted. The next thing is, the inflammation was how to build the tool against the virus, which is an antibody.

Usually very specific antibodies. Yeah. Antibody is a protein. It has to get built I need to amino acids in the cells. They get change together. Information is there how to change the amino things together.

The protein has to fold. And now it can act against the virus. No. So the virus will be getting out of the body though. The virus is gone. The immune system did his work and damaged a lot of other things.

Now my body has to repair all the cost, the damages by my loved immune system. Yeah, so that's the organism itself. And also by your immune system. Yeah.

So basically you back to the little cut with the finger with a splinter. Yeah. You had to cut the immune system does it. Inflammation. You have a certain kind of maybe oozing going on splinters out.

Now the body will repair wound healing scarf, building scarf. They go. And at the end, this area in your finger is touchable and sensible as before, because everything was buried up against the nerve, the circulation, everything is back. And.

Protein Folding, Water, and Exclusion Zone Theory

Yeah, so that all this repair is a very complex, time consuming process of lot of many protein functions. So when that is being improved or assisted, for example, with different technologies, I'm one of those technologies is always, yeah.

Then we see a faster healing. We can better combat those situations like, an intruder, like like an infection. And can also protect ourselves a little bit better for future damages in this area.

So one of the things that happens, I know as a, as a medical doctor with repair and regeneration and healing is it's not efficient. It is efficient, but it's not 100% efficient.

Right. So the body is doing, as you said, so many things at one time. Things can, that may not be done optimally. They need to be done optimally because it's doing so many different things at the same time.

Right. So efficiency becomes a problem and that causes the wounds, for example, the splinter, to take a certain amount of time to heal. Now I don't I think with anatomy I expect would not be would be the same thing with PMF therapy.

We find that magnetic fields cause, wounds to heal in about half the time that they would normally take. So when you combine technologies that basically enhance the healing process, they make it more efficient.

They optimize the efficiency. You don't leave things to chance. So for example, when you have a when you have surgery, right. We have a cut on purpose, then that wound has to heal.

What does the medical community what do the doctors do to help you to heal your wound faster? Nothing. Nothing they do nothing. They cross their fingers.

So basically, they're leaving the healing to chest. We're hoping that your body's going to be efficient enough. And then what happens is doctors say, well, it takes a wound about 2 to 4 weeks to heal itself.

That's common experience without any enhancement, without any improvement in efficiency. Right. So when we add this kind of technology like the anatomy and the and the PMF, we're leaving things less to chance.

It's going to become up more optimized. Now. It's not you're not going to heal it like that. Right? I won't heal like that tomorrow. Probably not going to happen.

We still have to have the building blocks, the proteins, the DNA working, the, all the processes have to be working well. So. Yeah. So the combination makes us more efficient.

Now, what causes the what causes the proteins not to fold? Yeah. That is not what we are getting very deep into the scene. I hope you have five minutes for this. Yeah.

Like I mentioned, the background is for this part. Material science from my area. Know the proteins, the unfolded proteins. They are embedded in the cellular water.

Yeah. And that is they're all. They're there all the time. We have them all the time. They are all the time. They're just the only thing that they are embedded is in the cells.

Yeah. And in the matrix between the cell matrix outside the outside the cells, all types of cells. But they are always surrounded by the water. No. The water actually is, is the important trigger or driver for the proteins folding process.

Yeah. Like I mentioned more than 100 years ago, the, set based on the thermodynamic laws on an unfolded protein is unordered. Yeah. So to get in a higher order to be folded and to be in a higher order, it has to be so surrounded by something that has a higher order and is able to say, donate this order to the unfolded protein.

Yeah. So and I think 100 years ago they said already there's only the water. So we have to look a little bit deeper into water. Science evolved in the last 40 years dramatically in areas.

Yeah. What we know today about water and where this knowledge is being used is very, very impressive. Yeah, I know it's not commonly used in every day's, technology.

But I can tell you it is used even in your life and everybody's life somewhere. Permanently. Yeah. And we can explain today with the knowledge of the water, that we have, phenomenons that we are all aware of.

And if somebody would ask you the question, you would say, oh, I never thought about it. Yeah. I have no idea why that happens in this way. But by applying this knowledge, suddenly you say, oh, that's so easy.

No. Yeah. Only looking a little bit into the material designs and, that was it. I only knew that for one second. This water is not the same as the water in my body.

Let us say part of it. We have to be. We have to. We have. We should be very precise in it. Yeah. Let's be precise. Yeah. Many say water. Yeah, H2O is water. H2O is water. Yeah.

So what we know today is that water when it connects to a surface. Yeah. That could be a little particle in the water. That could be a little gas bubble in the water.

It creates a surface. Yeah. It could be the glass that you have. The surface. Yeah. It has a surface on it. When certain things happens to the water. Yeah.

Then water builds thin layers. Really thin molecule layers of higher order water on the surface. As long as the impact to this body of water happens, when you take the impact away, then these orders, these layer of orders, they dim out and they disappear.

Yeah. So these thin layers of orders, they are responsible, for example, that we have bubbles in water. No. So when you have a glass of champagne, we see the bubbles going up.

Bubbles. Yes. Okay. No, no. Then you have a different champagne. You have less bubbles. So what is the difference between the number of bubbles and the size of the bubbles?

And is the difference is exactly these kind of layers around the gas, which are really strong because a gas cannot dilute in the water. It cannot burst. Yeah.

It is surrounded and it's very stable. So this kind of ordered water, even in layers, has very significant different water properties. Then the water that is between the layers.

So back to your glass of water. Your glass of water has a very small amount of these ordered water in there. Yeah. If you take the amount of water down to a cellular size.

Then that is very different. The amount of this ordered water becomes far bigger. And proportion of your cost by actions within the cell. Yeah. Like I said, we need an ongoing process to create this ordered water.

And in the cell, there are processes they're actually causing the build of these special ordered water on surfaces. Yeah. And is stronger. And there's more built building processes we have.

There's more proteins and we can have in a cell up to 7 to 10,000 proteins. Being coated with this ordered water that triggers the protein folding process.

Yeah. And now we see why we have in different individuals, for example, different healing speed. Why are the proteins working in a different way in different individual cells?

One need for weeks to recover the other one two weeks next one eight weeks are it depends a little bit on the amount. What of the process that that causes the build of the ordered water on proteins?

So if I have a high demand on a lot of different protein functions in those cells, a lot of selectivity. Yeah, same. The resources for my ordered water is being used heavily.

And maybe is not available for anything else. It's not as efficient. It's not is efficient. So if you bring a lot of different, let's say support into the system, now you can build more of it's ordered water.

Yeah. But it's also that, for example, if you have cell, the activities are really a complex complex area. Yeah. Selectivity does not only involve proteins.

Yeah I mean we need charge transportation. We need for selectivity. Certain kind of molecules have to be there. Yeah. Some of these molecules have to build in the cells in the moment when they are need it. Yeah.

And therefore we have a lot of other technologies and therapies who are supporting this one. Yeah. I mean if you have a cellular area where you need, a certain kind of molecules to swallow these and hope that they getting transported to this area doesn't work, you have to produce it in this moment when it is needed.

There no. And, you know, with your PM, PMC technology. Yeah. You have a lot of creation of certain molecular structures and, and things in this area, which are needed in the moment for the healing process.

Yeah. You produces in the moment when you need it at the right spot. Yeah. And that is tremendous support. Yeah. You know, somebody doesn't have to do it by himself.

Resources are not being diverted in, other areas. Yeah. And you, you support somebody in this area to do this? What? Somebody would like to do it better?

Yes. Yeah. Yeah. This water, this ordered water that you're calling it, Jerry Pollack calls that. Is that the exclusion? The easy water, the exclusion zone, water?

Yeah, that is the same name. So they are different there. Jerry called the false face of water or false face of water because of the significant different material properties.

If you if you say you have false face of water in front of you, you can measure it. You must be able to measure this. Yeah. Minimum three different material attributes.

You have to measure it. It is different. So, that is the one of those things that with our technology so that we can come up to this point and say we create two things we had to do.

Yeah, we can. We make those tests, we make work with institutes and universities who can do the same thing. Yeah, they are creating it. We see it. It's getting bigger or smaller and all these things.

Yeah, they use different. We use different technologies. Testing devices. Over the last decade, we developed the technology forward so we could say, okay, we increase the performance of our technology to create this easy water ordered water in the cells.

So now this is the other question that you said with your water glass. You had the, yes, you have you have easy water in your water class. Of course. Yeah.

Because every water has easy water. That is an attribute of water. No. Without this, water wouldn't be water. Yeah. So, these things are always staying side by side and existing.

Question is, is the amount and what it is used for. Yeah. So if you would like to increase the amount of ordered water in your glass. You put it in the sunshine.

Works perfect. Oh that is shown me your right. Most of these. Yeah. Near-infrared light works perfect. Everything that is in the, Yeah. Infrared light, maybe even the red lights on.

Red light is already, going very, very low in the ability. But the new infrared light. Yeah. Creates easy water. No, anything. You take the water, glass, you take it.

It's gone now. It's gone at the surface because you breaks the surface structure into thing, and it has to get built somewhere else. No. Now let's let's address the water for a second, just to make sure that people understand that we need all the kinds of water.

Right. You can't just have, high ordered water. You have to have other kinds of water as well for other purposes in the South. And water is actually made by the cells as well in the metabolic processes.

Yeah. That's a different water than the water you drink. Right. Or they get by. I've, created all all of those kinds of waters. Water has a lot of different properties and all of these different properties, being utilized in the body.

Right. Water has a great property of conductivity. That is very important. All body, water has a great possibility. To, to, to to distribute components and everything.

And so there's, every single attribute that we know today is being utilized in our body. And that is why water is so important for us. Know that we use all of these things.

And that's why we're about 85% water, 75% water, right? Yeah. Yeah, yeah, yeah, exactly. Some that is simple, but, I only want to go for very short. Going back to our technology to understand a little bit more this thing.

This is ordered water. So the ordered water, it is important to create ordered water at the point of interest. So we know there's a. Yeah, it's a point of interest.

And our part is the point of interest is on the surface of the proteins in the cells. Yeah, and not in a container in a laboratory. Yeah, not in a glass. Yeah.

Because we know when you have it in the glass, even that is really, really full with ordered water in the moment you drink it and the moment you swallow it, it's gone.

No, it cannot be transported from A to B. Yeah. Yeah. It's ordered water because it has to be ordered water connected on the surface with interest. The ordered water can only exist on connection surfaces.

So it's almost since we're at that point. Hold that for a second. There are a lot of people who are selling structured water. So let's let's deal with that and then go on to the next point you're going to make.

So what's the structured water and order water. Yeah. It's very often the is is is a term structured order is related to ordered. What structured water also have a different other meaning understanding in more in the science area.

Not as much as they said outside of science. What that means. No, and not as important in our daily life currently. Those kind of structured water, but usually structured water, when you read today is related to the ordered water.

And it's some sense except that you're drinking structured water, as you're saying, when you're drinking ordered water to ordered in the glass, you drink it.

It's no longer ordered. Yeah. All right. You can produce. Everybody can produce this kind of structured water or ordered water can be take a glass and put it in the sun.

Then you you get more structure, more order into more structure. Yeah. What percentage would you say is structured what you do that, that was drinking water.

Yeah, that is very difficult to say because every water is often contaminated with a lot of different other, parts in it. Every single part creates a surface.

So the amount of output depends on your location, where you are. Like I said, you need near infrared light that is going in there very difficult to measure.

As a you have more near infrared light in a room. It's two people in there because we are emitting, you know, infrared. Then there's one person in the room also.

They are a lot of their habits. Is it would be wrong to say you have to put this glass for an hour in, then you have would have whatever twice as much that would be not.

You have to do this control of variables to a great extent to get predictable results. Right. Yeah, yeah. It's on and and everybody who said I, I create structured water, I create water ordered water is pretty much right.

Yeah. I was number one. Structure and order is always part of water. And if they do something very easy, like, yeah, putting in the. Then they create more. No.

No question, no, questions. How long does it last? No. Then does it go to the point where you want to have it, Yeah. So something like this. Everybody can boil water, But, the question is if I would like to get the warmth out of the boiled water to a certain point, do I do everything correct to get the warm to temperature increase to the other point?

Where I want to have it, to increase the temperature is pretty easy. Yeah. So. And that is a part where we look more in how does it actually work that the order on the surface is being increased when there is the body of water.

So we have a small surface that is all water. How do you increase the surface of all that water? That is a process that we are concentrated on and that we research that we work with universe together to get the thing done.

So one thing is we need input of a very specific energy, the energy that is absorbed by the water and absorb the energy. Yeah. So the absorb energies for water are known today.

And okay, we have also built the patterns around it, for this energy input. When that energy is being input something happens to the water here. Yeah.

And that is called it builds a coherent domain. Yeah. So coherence everybody know what coherence is. And I use maybe a picture now from the scientific viewpoint maybe a little bit rough.

But for everybody who is not in this field helps them think about it. You have a lake that is covered with ducks. Yeah. And the ducks are looking in all different directions and are doing this thing.

So as when they do all these different things, they are behaving like water molecules. Every water molecule usually is doing something. Yeah. And you are staying on one side of the lake and you clap in your hand. No.

So the duck close to you looks that first in your direction and then the next duck in the next duck in the next ducks. And when they look always in your direction and they look in your collection, that is called coherence.

So they do it. Even if the last duck on the lake couldn't even hear you, They do it because the neighbor in duck is doing it. So for a moment in the life of the ducks, they are looking on the same direction that is called coherence now.

And water molecules are doing the same thing. Similar thing. A very specific energy goes in and the water molecules are creating for very fast moment and it goes very fast.

It goes through the entire body of the water. This coherence. And when they have the surface somewhere in the water, no, the coherent behavior is getting pushed together and the water molecules have to move a little bit closer together.

How NanoV Works and How It Is Used

Yeah. And they stay a little bit closer together. So that creates this order, So whenever you have now let us say in Gestalt a certain kind of input in the water, and the input is for the duration of a spark.

So then this wave runs through the body of water in the cell to the surface, creates ordered water. No. So what is the spark? What is the natural spark in the body that creates this?

Yeah, that is a very specific free radical. Because certain kind of molecules, it could be also other molecules. But we know it. It is doing the very specific free radical is doing it.

Molecules after chemical reaction. They could be excited. No molecule would like to be excited. So they release their excitation energy and some of the excitation energy that those molecules releases are absorbable, highly absorbable by water molecules. No.

All better. Let us say the sound that these molecules release are able to be here by the ducks. Oh so yeah. So that they absorb them. And when this molecule emits this energy for a certain amount of time, then it creates this wave on the surface we see the build up of exclusions on water.

So all that is created have some more protein to fold. And the protein can react. So what I said is that is a biological process that is done in biology.

What are we doing? We are doing the same thing outside. We are emitting very specific, even higher absorbable energy in the technology and emit this to water vapor.

The water vapor has a minimum amount of humidity and is connected to your mucous membrane, to your body. Basically. Let's stop there for a second. So just you understand this, that what you're doing with this technology to nano, you're taking water from whatever source.

And we're talking about the best sources. You're taking the water from whatever source, and you're radiating it with infrared as if it was being exposed in the sun rays.

Very specific. Near infrared. Yeah. So you're taking water and you're radiating it on purpose in this technology, and then that water is structured and then it becomes vaporized.

You know, we created first the vapor. Yeah. We create a vapor. We have a reservoir with water to create the vapor. Yeah. And the the vapor has a certain amount of percentage of humidity in it.

Yeah. So they are water molecules. How densely. Yeah. And we emit energy to the to the water vapor. Yeah. And that creates the coherent domain in the water vapor in each of the water molecules.

Pools. Water molecules. Yeah. So they, the water is a humidity. These are little droplets, you could say little droplets. Yeah. And little droplets have thousands of molecules in there.

Yeah. So and you could say every molecule, every droplet is a kind of little lake, And in this lake, we create the Korean domains, and they are connected because it's humidity, right?

They are really, really connected. Yeah. So we are building basically, a channel between the device and the user. Yeah. So when is the humidity? He touches your mucous membrane.

Your humidity becomes part of the humidity in the, device connection in the flex, how we call it. Yeah. So in the Korean domains are traveling along the humidity and traveling in your body to surfaces where they cannot go further.

So on, so forth, so faces. You have a lot of different surfaces in the body. But we are only concentrated and only interested in the surfaces that the proteins build to the water.

Yeah, because we would like to address their behavior, to fold faster. On the other thing is also to stay stable when they are folded. So that is the only thing what we do, the water that we use them, the device should be clean water.

Not tap water. There could be chlorine in. You don't want it? Yeah. Could be distilled water could be filtered water. Yeah. Anything that is clean so that our device could be used for 20, 30 years without any problem.

Now because we have some other, glass component in there. And so you have to stay clean, So in this, humidity that you then people say inhale. You don't really have to inhale it.

It has to touch your mucous membrane. Because inhaling means you have to intake a component. Like when you have an inhaler or such a thing, an aerosol or such thing that is not the case here.

You don't inhale the water. The water only has to touch your mucous membrane. Yeah, and then it cascades through your body. That is through the membrane into the circulation.

Yeah. And yeah. All everything that is water weight transfer is a Korean face. The Korean domain. And when the Korean domain hits on the surface, it cannot go further.

Yeah. So the other example is that we can, take is a wake of a boat. You have a big lake. That is the body of the water, and you have and it's a big motorboat, and you drive a motorboat and the boat creates a wake.

And to wake from the motor boat runs through the entire body of the lake. It doesn't matter how many islands are there. It goes around the island. You can measure the weight of a boat on the backside of the island.

Well, maybe it's not as big, but you can see it. You can measure it. It goes everywhere around until it dims out. Yeah. So and that is a little bit too coherent.

The nature of coherent behaviors. During a wake, no water molecule is traveling. The water molecule is exactly where it was before in the lake, right?

No, no, no water molecule is washed from A to B. It is only moved a little bit out of its position at the end. It is in the same position. But the wake, you will see the end result in the ripples on the beaches.

That was depressing, actually. On the beach. In the papers together. Yeah. So, now when you, there's a picture behind you of the nano B? Yep. So there you have the control unit, you have a bottle on the backside, back of it.

And out of the control unit, you have this, like, snake like device, and it's like tube. It's a tube. And at the end of the tube, that's where the vapor comes out, right?

Yeah. But basically, the tube near your face. Yeah. We have two possibilities to use this device. One thing is only with a flex, that you. It's a snake like Jupiter that is very flexible so that you can put it in a position that is very comfortable for you.

The pressure of the airstream that we put out is a little bit like, we designed this entire technology with the user in mind. No. Simple, simple, simple.

Everything is checked by itself. You do not have a service. The technology is able to check itself. If something is don't want it, it tells you what it is, not what is wrong.

Yeah. And the same thing is asking how close do I have to set to the flex? Yeah. You know, we make it very easy. As long as you feel the Airstream. Yeah, you're close enough.

Yeah. So we we measured the. There are two pumps in there to create this airstream. We measure the airstream, and we we, calibrate the pumps so that the amount of humidity know that you need is correlated to the pump output.

Yeah. So if you're close and feel the airstream, then the humidity in the airstream is correct. Yeah. If you would go further away so your minuti would not be high enough and the effect would be going, would be going down.

Yeah. So on the other end, if you sit in an area where you have high humidity and let's say 80%, you live, you sit in a room is 80% humidity. Now we can say you can put the device in the other corner of the room and it will work.

Yeah. Because in day humidity you will have so but nowadays we have air conditioning systems, the air conditioning system to reduce the humidity in a room, sometimes down to 30%.

So we need is a we have to enable the humidity to be higher and therefore we use it. So if you need a little bit more freedom to move and those things, you can attach the nasal cannula, you know, that's native or cannulas like from oxygen.

You put this around. I prefer these very much because I use this technology at my desk in the office. I put the nasal cannula on and now I can move my head wherever I want.

I can make phone calls. Yeah, I can talk with somebody. So it gives me more freedom for move, Other people use it while they are working out. People using it.

They said, oh, I take a nap, I would like to sleep while I'm using it, and then I can turn around, all those things on there. Yeah. These different possibilities to use this technology.

And because it goes through your breathing apparatus. Yeah. Through your mouth. Nose. Yeah. You can use it perfectly in conjunction with other treatments for untie it, for example, with your, technologies there.

And there are different modalities. Yeah. How that works. And that works in the same time perfectly together. So you can combine that. Oh, so now let's, let's take your water vapor that travel through the body.

So it goes to the surfaces, your mucous membranes and your nose and your mouth and your airway. Right. And then what happens. Yeah. Because you mentioned before and we have 95 or more percent out of water.

We are like a big cloud, And that's the other thing. We are not like a glass of water. We are like a cloud. So, so like humidity. Yeah. So this entire core, this let's say, is this wave of the coherent, oriented grains.

Yeah. They traveled through our entire body. Yeah. To every surface that is out there. No. So, like I mentioned,

usually in the body in biology, there are these are the sparks very fast.

They create the domain, they run to the surface, and then it's over. Then it would need another new spark. Our technology is constantly emitting this energy.

In the moment when the device is on. Yeah. We are constantly creating the domains, the, Korean domains. And we keep the Korean domains constantly alive while you're using this technology.

So that is not only a little tiny spark here and there, It is a constant application of these Korean domains, and that goes into the entire body everywhere.

So because it's traveling through the blood vessels, through the capillaries, right? Everything that is water, it goes through blood is made in water.

Now blood is made in the water. Yeah. So it would not travel through the skin. Yeah. So if you would like to take out your eyes and you would try to apply it to your skin. Yeah, that wouldn't do it.

Our skin is very low in water. No, it is a protection, say layer around our cloud that we are, to keep our water inside us. Yeah. Right. So our skin is actually like scales.

Like fish scales. It's protecting us from the water environment. That's in the vapor, just like fish scales do to thicker fish scales, because we're not in a heavy water medium like fish are.

Right. So right that way. So basically you said it goes everywhere in the in the body now as it enters the body. How long does the effect last in the body.

After it after inhalation. So if you do it 20 minute cycle or what are the cycles in the machine. Yeah. We have, you see, it's three different devices.

They have three different amount of output. And that is related to your time that you have. For the same effect, for the same output, you use a small device for an hour, the medium device for half an hour, and the high end device, that is the the actual device.

You use it for 15 minutes. Then you would have the same output. Yeah. So the same output here could have different effects to people. Yeah. So depending on your general state of health or what your body demands.

Yeah. We have people who have a very low state of health. They couldn't use our high end device for five minutes. No, because of effect would put him in a discomfort.

So many things are starting to work and that could be unpleasant, that could create such a thing like a him or react or anything like this. So then you say reduce it to reduce it.

Other people can recognize, oh, I use, say the high end device for 15 minutes. I can feel it. I'm more content aware my entire, cleanliness is being approved for a different other person after 15 minutes, say, oh, I'm getting tired now.

I can really now take a nap. Now that depends on what kind of protein functions are getting assisted to do what the body is requiring to do. Yeah. So if you have a healing or recovery demand in your body when the protein starts to work, you probably will get more tired.

Because there's an energy draw energy demand on you. Yeah. Because the energy that is required, the ATP that is required for other biochemical reactions are not being supported for your concentration and awareness.

Body said no, no, now we have energy. We put it into server generation cell growth, whatever that is. Wound healing. That is more important for this one.

The healthy person would probably not recognize this. They would recognize the more concentration, because if you would have more cell energy. Now, what?

And your demand is for being concentrated, it will get delivered to this area and you can perform better. No, no. Why cell energy? Why is it very simple for people to recognize.

Yeah, because these proteins that are involved in the mitochondria to produce ATP. Yeah. The ATP as an these are end times. You are getting better. Yeah. Yeah.

These things are being recognized. Most of the protein functions in our body, we don't recognize. Which is good. We would be pretty busy otherwise to recognize everything.

Yeah, most of them. Yeah. It's a small amount. We recognize. And those are then these things, what we recognize when we use this time, our technology. Yeah.

But for for usual treatment, we say the high end device half an hour should be efficient. How long does it last? It last for the time of your demand, of the body's demand.

If you demand a lot of things from your body, what we create will be used up very fast. Yeah, yeah. So is that is pretty much is a the, the way how it works.

Yeah. But we can take also a lot of other things. With our technology now when that is working, when that starts to work again, then we see a lot of other things.

So now we are coming back a little bit to the biological creation of this ordered water in cells. Yeah. Like I said in the beginning, you need a certain kind of free radicals or certain kind of free radicals are doing it.

To create free radicals, we have to metabolize oxygen. To metabolize oxygen, our ATPase has to work. Yeah. And so if that is damaged, usually that is an age related effect, the accumulation of damages.

We don't create enough of these free radicals. Therefore we cannot create in our body enough of this. All that water that triggers a protein for it. So when we have this spiral of aging, pretty much thing.

So if we go in and repair those proteins or give them, the jumpstart, in the ATP production, now the body is able to produce enough ATP. Again, they produce as a side effect for free radical that as a side effect emits important energy that is used for all the water, the production.

Yeah. Then the protein spins have been formed again. So it really depends on the individual level. Where's your demand? What is your lifestyle? And because we don't know it, we simply say use it as much as you can do in combination with other treatments as best.

Well, so it's just a matter of replacing the water that has to be filtered through the system. So once you've depleted that supply and you replace that supply and then you can keep using it so there's no risk in using it except for the housing responses that you would have with people who are very sick and depleted.

You have to be titrate the doses more slowly, but otherwise you could use it all day long. You can use it all day long. No you cannot overdo it. No because you are not forcing for example protein creation or those things.

You cannot force us. You only provide the resource. And the body decides itself. And what moment and at what place do I need? What kind of proteins for, No. Because a body will not create.

That's a immune response. Proteins. If there is no intruder. So it's not necessary. The protein will not create fever if you don't have anything else in the body.

If everything keeps your body temperature exactly where it is necessary for all of these processes, but actually it

has to it has to keep it low. Yeah.

Because with all the biochemical processes in our body, the tendency is that you would like to go higher. And that is not good for the proteins, okay.

Because they have temperature sensors. Let's go back and talk a little bit about free radicals. So now we have we have this conception.

Combining NanoV with PEMF and Practical Applications

Everybody's got this perception or conception been told. And trained for years that free radicals are bad for you. But we need free radicals. So if you're talking about exclusion zone creation, ordered water creation, you need free radicals.

But why? Why what's what's the harm? What's the risk? What's the balance or trade off between harm and benefit? Yeah. We have always like, in beginning a coin with two sides.

Today we know. Not today, since many decades. We know that the free radicals are not only harmful, free radicals in certain areas, important. They are part of our protection system, of our repair system.

Every in fact, you know, that we have produces free radicals. And these free radicals are so strong that they can now destroy everything. What we get in our bodies who splinter, for example, free radicals are important for the apoptosis cell, for the so-called programed cell death.

Yeah. No. So when the turnover of cells. Yeah. And the body recognize here is a cellular structure that is not okay. I gotta say, worst case scenario, it's a cancer cell. No.

Then the protection is to kill the cell to eliminate it. And during this process, there's the burst of free radicals to make sure that everything is getting killed in this part.

So. And, and we use these technologies or not, not as good technology. New. We use this process in a lot of different as a treatment. So for example, in certain chemotherapy treatments, we use is that we have a burst of free radicals in a very defined area of tissue.

To damage the tissue, to kill the tissue. Stop. That's unhealthy tissue growth. There, We know that the free radicals are important for this part, and we have a lot of other things.

We know that free radicals are also some called, messenger proteins, signaling proteins, not because of the nature that they are emitting energy. This emitted energy is being recognized by other molecules.

And they don't. Something is going on there now. We have to get busy to do something. Okay. I describe it very simple yet, but is there, sensor proteins, sensor molecule.

They can send things. There was we have to get there. For example, we have to start a new circuit generation. Yeah, because there was a cell area that got damaged.

Our immune system relies on free radicals. One. So when we have people, and we, you know, the high, high intake of, antioxidants. And I mean, really high intake with injections in certain areas.

Yeah. It doesn't create pain. It reduces the pain. Because pain is, one part of the inflammation, and free radicals are responsible for inflammation. So if I have an event that would require the creation of inflammation with free radicals.

But I don't like the pain that I put in a lot of antioxidants to suppress the free radicals. Therefore, there's no information, there's no pain. And we know the things, for example, out of spot.

So we actually to a training for example, half of their life for Olympics. Well, and in the last day or in the qualification run, they band and angle or they do something to the body which would usually result in an inflammation with pain and all things.

So, so they are getting treated with high antioxidant doses in this area to suppress inflammation and to pain so that they can do the final event and hopefully win what they therefore going to the Olympic Games or such.

So we know all these procedures. We also know that the high intake of antioxidants in some literature, you say, oh, that is one of the reasons why we have, huge amount of cancer.

I think we suppress unknowingly their own bodies repair ability by fishing out and eliminating far too early the free radicals. No. Even if they are good, they are always two different points, two different sides of the coin. So.

So you have and you have the antioxidant components on the outside of the cell, and you have the oxide components inside the cell. Right. And the inside component basically is what you're talking about with programed cell death apoptosis regeneration healing.

Right. So as you said you need both. You need to have a reasonable amount of antioxidant support and, a reasonable amount of, oxidative stress in the cell to do the cells job.

Yeah. Right. Right. Then with our technology, we could avoid the free radicals and we can avoid their bad phase. The bad side of the coin. Because we don't use these guys.

Yeah, we use only inside the device. The certain electromagnetic energy that is emitted, even in electromagnetic, that is more potent than this. What is emitted by certain kind of free radicals?

Because we apply material science and knowledge about water to create, at the end effect on the proteins of face, so ordered water so that they can fold and do the work what ever that is required.

And we have a lot of therapies that require proteins to work. So now all the is the intention of the other therapies, being supported by those proteins that are starting to work in.

Well, this was a fairly dense, relatively heavy information, session. And there's a good chance you're probably going to have to listen to it several times to really understand what we're talking about.

And that's okay. That's good because we're talking about a very important technology. That's a I think a leap forward in what we can do to help the body to heal and repair.

But and since this is a web summit and the question is how does PMF integrate with the nano V and what what the nano B does so with anatomy does is unique given the way that things, work inside the body.

But pmfs also enhance all the things that the anatomy is doing, which is to help the body to repair and regenerate and at the right balance. Now pmfs have a number of different actions.

One of those actions is to increase ATP. Another action is to improve circulation now, which is delivering better, oxygen. And you're also delivering better, nutrients and so on to tissues.

So when you do those two things by themselves. But also increase DNA, they also stimulate repair and regeneration. So all the things that, that we need, anatomy to be doing is complemented by what the therapy can do.

And there's no reason that can't be done at the same time, there's no interference. Basically. Except maybe you do generate, infrared in the machine. I suppose a high intensity magnetic device could upset the electronics of your equipment.

No, no, that is all. Biomedical devices and, medical devices are only allowed to emit a certain kind of radiation so that they don't interfere with other technologies.

And medical devices have to be shielded, that they cannot be affected by other technologies. So that is part of safety nets, product safety nets in general.

When, when when I have a device or any kind of electric device at home and I turn it on and I see a funny screen on my TV, then I know that this product is not allowed to be on the market because it emits something shielded that is not properly shielded on pretty much emitting too much.

No. And your technology is they are all, properly technologies. They don't affect hours and hours. It's protected. No, it will not get infected with any other, legal, as I say, pretty much legal device.

Yeah. No, you said they still say other keep, keep, pumps away from other electronics by about a couple of feet anyway. Yeah, yeah, just just me. Just to be certain.

They often it is also a problem because you don't know what the other electronics are doing. Oh, that's the problem. That's the problem. You don't always know.

And then your older equipment can have, certain breakdowns and not be functioning as adequately, or the protections are not, as they were when they were first made.

So how do you see working with Natalie that. Yeah. We see a lot of employer, mentation already. How they work at here, where they do both treatments and at the same time.

It was m PMF is, local treatment. The other person doesn't run away, so they sit comfortably, they lay comfortable. They can use in the same time is not only treatment.

Or they do it before, or they do it afterwards. Because, every treatment has a certain kind of long lasting time in the body. So it is not off in the moment you get up and walk away.

It lasts for why is it so you can combine it even later. So we we have, places where, there's one nano V devices and several PMF stations. So the person is and going to it or, the nano V device is on a little rolling cart.

And then it goes from one station to the other. We are just used by the client. The next thing is that the device. Our devices are so easy to to work, you don't need a high education training on it.

The on off button. So we created it. Very simple. That means people can administer it by themselves if they want. So, you know, waiting a room before or after they can use it.

So there is no additional, person necessary. Who administered it? So that can always be easily done to get and in, in some facilities because they use already treatment combinations.

The, they put it in the line of treatments wherever it fits best. Okay. So and you can do it in the setting of acute inflammation. You can use it in the setting of recovery from Covid.

You could use it in the setting of setting up stroke and cancer. There's no really there are no contraindications in terms of medical conditions that you could treat.

No, you have no control. In things we are class one medical device, so we can use it everywhere. Yeah, you can use it at home. You can use it in the clinic.

You can use it at the workplace. Okay. So in a clinic, usually, the device is in the room with a client and it stays here. For example, in a, in a, you know, a more corporate wellness area.

You have a device that is, again, either in a room where people can go in and use it. You have a device that goes from one desk to the other, on a card that is flexible to do.

Corporate wellness is becoming more and more an interesting topic, probably. And I can see absolutely for the PMF technology as well, because it works on everybody.

Only and only has benefits. So that is, a treatment. That should be used where people are. That does it work? Well, so make some time. Yeah. Use it there or at a time.

There is a space is a room now where companies should take those things in there, have one room and have it being used during the entire week by 2030 people or whatever, who have the benefit and, maintain your workforce and the health of people will working for you on a higher level.

Now don't wait until they are sick. Use it beforehand. Yeah, yeah, that's the goal with PMF therapy and both as prevention and as treatment too. Do you have any examples of you heard any stories of people who have added your technology or use your technology and added Pmfs either way when they started to combine them?

Have you heard any, anecdotes or case histories of, bigger changes when they combine? Yeah, they they basically always say they have an increase in beneficial output, increase in beneficial output.

Some can say, decline reports the benefit in a completely different other area. Yeah. For example, people recognize oh, I can taste and smell again. Yeah.

So that is a completely different other area. But these are protein functions. Where may say, okay, we recognize we, we improve this thing. So they go in a clinic for an issue that is being treated there, with success. Yeah.

And a completely different area is being also, getting improved. But, that is always very nice to hear. Yeah. When people say I come to you, not only because this reason I come for the other one. Yeah.

And because they can recognize it in certain areas. Like I said, most of the protein functions we cannot recognize no faster wound healing. We don't really recognize the difference in the speed.

The b side, the on my phone is ringing. Sorry. You don't really recognize. Only if you would stop the time. Yeah, but we don't don't feel it too much.

But when people recognize other areas when they come in, can introduce, those treatments. So we had, clients who said, oh, so professional who are offering both of the treatments that we are getting people in because our clients telling us how good they feel when they get out, you.

And then the other people are coming in and said, oh, I would like to have exactly the same thing, not because I have a problem, but I would like to do it for prevention purpose, for well-being.

And I would like to have exactly the same protocol with all the treatments that you used on my friend or neighbor or such a income, so that it's a good multiplier, to get to accept.

And for. Yeah, prevention or treatments that people do something before they have a health issue. And that's our goal as well. So, ongoing use decreases aging.

Ongoing use of nano B would decrease aging as well. We talked before with the interview began, of how, different kinds of therapies, complement each other.

And if you understand the mechanisms of action, then you understand how this therapy works, especially, and then you add another therapy. It makes it work even better.

So one plus one is a multiplier. One plus one doesn't equal to one plus one can be equal ten or 20 or 100. Even

when you're starting to combine things.

And the earlier you start treatment right, the better the results where you're almost dead. That it's hard. I tell you, magnetic field therapy doesn't raise the dead.

Yeah. Correct. Yeah, yeah. No. Yeah. That's right. You should, we were talking earlier about the different in the health care system. The challenge of the health care system that we have.

Yeah. And is that we we are focused on prevention. I mean, we do a lot of things with changing diet or in the last decades. Yeah, we are doing more active things.

We we know how important that is. Yeah. And how how is that keep us healthier. So but it's more room to do it. There's really more room to do this. Duh.

Not everybody can have access to healthy food in the right amount. They need it. Yeah, not everybody has the possibility to do the exercise. It is, for this individual person necessary?

But we have more and more, systems in place, for example. And different, completely different other area is in Germany where we also sell the products.

They tax deduction for companies who are doing prevention of treatment, who are offering prevention treatment to their employers. But it has to be then I say registered and approved treatments.

Yeah. So a massage, feel good treatment is not a prevention of treatment that is tax deductible. But there are certain treatments that architects with.

And one of those, for example, our treatment. Yeah. As I say, that is something if you put it in front of your client and they use it, we see the benefit. Yeah.

I don't know with a PMF if that is part or in Germany also as one of those tax deductible treatments, but I would think so. I would say there are some applications in the US that are, approved by insurance companies most of the time.

And if therapy is considered as a wellness therapy. Yeah. Is and is a the spread of this and say is a implementation of those technologies with prevention focus we get bigger and bigger and bigger.

Well for those people who have HSAs or Fsas in this country, PMF therapy can be covered by those if you have a prescription. And that's one of the things that we offer Doctor Polycom.

Where can people get more information about the nano? A big, big good resource is our website that is WW W Inc's free corp.com And of course n g and the number three corp.com correct.

Yeah. Or you simple Google nano v n an o and or v. Nano v. I did that myself before coming on to get more familiarity with you. And yeah, there are plenty of, lectures that you've given, five interviews that you've had with other people as well, so you can learn, quite a bit more about Nano.

We have a lot of animations that hopefully you will better show what I described to people. And of course, you can always contact us. We are there for education.

And we have a lot of materials that we can provide. And that is also very helpful for clinicians now that we have a very good app that for, especially for clinician use, they don't have to learn everything.

What is it. Yeah. They turn on their tablet and there they have, library of of, movies. Yeah. Of animations that show specific areas, how it works and why the combination with other technology is so important.

Fantastic. Well, Hans, I appreciate you very much. Coming in to visit with us and sharing your knowledge and information. I'm really excited by this, relatively new technology.

When was it launched in the US? Ten years ago. Really? And we're already hearing about it now. I'm sorry about that. Well, I say I think episode about magnetic therapy.

Now, you know, again, I thank you very much and hopefully you can have a great rest of your day. Any final thoughts? Thank you very much for being here, for having me here.

And I really enjoyed your discussion, with, your questions that were exciting question, hopefully questions that your listeners would ask. And I really looking forward to stay in contact and with other experts out of the PMF to to exchange the results that we can accumulate over that.

I, we can get combined results. Yeah. I good again, thank you so much for your time.