

Subject: BEWARE OF DECEPTION IN OZONE MACHINES

The following information is very important to all interested in ozone therapy.

Date: February 10, 2016

Dear Oxidation Group,

As I promised, I am forwarding you all our findings on two “major” machines which findings were just confirmed the night of February 8, 2016, totally independently of me.

First, some recitals.

You probably all know that I have been using and teaching on a German machine (Zotzmann) for well over 20 years. Suddenly, last year, a new German company burst onto the American scene with a totally different machine and it was heavily promoted to oxidation-interested people. I had to look into it.

I was invited to, and spoke at a recent meeting in Palo Alto where this “green machine” was featured. The enthusiastic young German salesman and the very supportive local company representative made many statements, which caused great pause for me. Among these were:

1. The technology of the Zotzmann machine was stolen from the owner of the green machine company.
2. The technology of the Zotzmann machine was antiquated and unchanged over the past 23 years (I've had a Zotzmann machine since 1992).
3. There was considerable lies coming from the Zotzmann company.
4. The green machine has a built in real time analyzer constantly monitoring the output of the machine.
5. The green machine's analyzer will last 50,000 hours!!!! (This was a MAJOR red flag for me. I had already researched and purchased a very expensive Teledyne ozone analyzer, as did Howard Robins, to clear up huge discrepancies in ozone machines and problems. I knew that the analyzer itself has to go back for recalibration every so often, as the source of the calibration decays with time.
6. The green machine is automated, therefore HIGHLY superior.
7. The green machine generates automated passes of treatment, and automatically flushes and self calibrates against oxygen, making it “superior”.
8. The green machine generates treatments at various settings you can preset. So, we were told that if you preset for 0.8 barr, it will deliver 0.8 barr pressure.
9. The green machine company had just come out with a “brand new” ozone resistant plastic set, which they had an exclusive on, but was patented by a Spanish company. It was to be the “cat's meow” of delivery sets.
10. The green machine company was bragging that everyone in Europe was buying their machine, had analyzers, and were pleased with this machine.

Now I will respond to these.

1. If the technology was stolen, then the green machine company was absolutely stupid (in my humble and professional opinion) in abandoning what you will learn is absolutely superior technology. Hence, the technology was unlikely to be “stolen” as claimed.
2. While the outer casing of the Zotzmann has remained relatively unchanged for 23 years, has the outer casing of an airplane changed much during this time? The guts of both planes and the Zotzmann machine have changed with new and ever more modern and better parts. Dr. Peter Jovonovich of Malaysia ozone RHP re-circulatory hemoperfusion EBOO fame got to see into my machine’s innards on Monday and said, “Wow, this machine is the Panzer Rolls Royce of ozone machines.” He was highly impressed by the technology, safeties, and self-protections inside the Zotzmann machine. Who cares if a Rolls Royce did not change its outer appearance in 20 years if it performs exactly as you expect it to?
3. I have not yet found even a single deception coming from the Zotzmann company about its technology or machine. So, far, everything I have been told about their machine has been proven out. I couldn’t care less about inter company competition.
4. In September, when I was loaned my first green machine, I analyzed the concentration in “free flow”. It was accurate and I was pleased. However my two RNs who had each been with us approx. 3 yrs. each doing hyperbaric ozone with the Zotzmann machine, surprisingly didn’t like the automation, even with its **apparent** ease of use. They said it was harder to use if there was a problem with the patient’s vein, blood flow, clotting, etc. So we sent the green machine back. I have now a brand new green machine delivered a few days ago and analyzed the concentration in real time performance delivery to a syringe, **without any filter attached**. The concentration was way off. A second green machine, right out of the box, also failed the “concentration accuracy test” in Howard’s hands. It appears the only way to get accurate ozone concentration into a patient from the green machine would be to free flow into a patient’s vein at 0.8 liters per minute! You can do that, not me!
5. I have spoken with SEVERAL experts in ozone analysis. It is pure BS that an analyzer can last for 50,000 hours of use. If they had such an analyzer, they could cease making ozone machines and get fabulously wealthy with this small compact indestructible analyzer. This claim made me suspicious the first day.
6. Automation is dangerous. If something fails in the machine, you don’t know what you are giving, and your patient could be at great risk. Electronic parts do fail, and you might not know. Evidence? Toyota Prius acceleration requiring recalls **after** deaths. A mechanical failure will be detected immediately.
7. The alleged calibration is defective, possibly fraudulent based on our Teledyne measurements.
8. The green machine AVERAGE pressure at its highest pressure setting is between 0.5-0.6 bar. Hence, a clearly inferior treatment, in my scientific

- opinion, for hyperbaric ozone. This is because of the “advanced” automation of the machine, which electronically sets pressure instead of you manually adjusting pressure. Yet you are told it is delivering at 0.8 barr. I can deliver at between 0.9 and 1.0 bar on my Zotzmann. Do I think it makes a difference? The science surely suggests it. The science I have put together surely suggests it.
9. I carefully watched the green machine in action with OHT ten pass in Palo Alto, using the new exclusive iSet. I noticed immediately that something was dreadfully wrong with the system. No one else did, including Lahodny, not the green machine company representative, nor the sales lady. Lahodny did complain about the pressure needing to be higher, but it appears he did not realize what was going on. I showed him this past weekend at my office workshop.
  10. Few if any doctors will pony up \$4400 for an external analyzer. They will trust the company, and in this case foolishly. If the Europeans are using this machine and happy with it, so be it. I can only conclude that they have not looked at the machine with the same scientific eyes and experience like I have, so I have to question their understanding of ozone machine technology, which I was ignorant of until I spent hours looking into it after seeing the discrepancies. Their results might be good, but we have no clue if their results would be as good as using a mechanical machine. I suspect they cannot be since the concentration is way off, and the pressure is not nearly as high.

The new “exclusive” iSet had come with a cheap defective filter. It totally defeated the treatment. I tracked down the source of the “dreadfully” wrong problem to the filter as soon as I took delivery of 100 iSets.

I have to ask why I, a clinician, not a scientist or maker of machines, had to be the one to track this down. Why did not the green machine company not know of this before putting out thousands of defective filters? I didn't have to even see the filter to know. I saw it by observing the machine's readouts real-time. How could this have been missed by their people, who are now essentially issuing a “recall” by sending out new filters? Can I now trust anything told me about this machine?

As you may know, this weekend at my workshop, in full view of the entire group, I simultaneously tested two machines, practically side by side under the same circumstances and without any filters attached. Howard Robins demanded that it be checked at 55 gamma since that is the key concentration he uses. In my office, one hyperbaric machine measured about 35 gamma. This machine was alleged to have an internal analyzer and to be state of the art. We were told that the competing machine, the machine I had been using for well over 20 years, was ancient technology.

In the meantime, my “ancient” machine, which I have taught on for more than a decade, under the same circumstances, checked in “way off” at 55.5 gamma. I tested both machines at different commonly used concentrations. At 10 gamma, the green machine put out 3-4. My “ancient” machine put out 10. All tested concentrations had the same significant discrepancy.

I reported this to the company with the “new and advanced” technology. In a conference call yesterday, I heard many excuses for this, ranging from the filter used for the syringe, to the electric circuits, to many other factors, such as flushing the syringe. Even my expensive brand new analyzer was attacked. The company lauded me for discovering the defect and was rushing to fix it and supply new filters to its customers. (Why was this not picked up by the company? I merely watched it perform and knew a serious problem.

After the Palo Alto conference last month, I had still wanted to give the green machine a fair shake in the remote chance that the claims made about its internal analyzer were true and that its automation might be superior, so Terri and I ponied up the money. After my first treatment on the Zotzmann machine with the iSet, I knew something was dreadfully wrong with the iSet and tracked it down in 10 minutes. Then using the same set up with the green machine, it was clear that the iSet filter gas line was one major problem with its performance (their own set was sabotaging the treatment), but not the only one. By its “superior” automated technology, the green machine cannot deliver the higher pressure average I want. (Those who attend my workshops will understand why the higher pressure is desirable.)

After the Palo Alto “Master Class” I did send out an email to all of my past attendees that I thought the iSet might have better blood flow properties than glass bottles. With experience now, I think that the advantages are minimal at best. The iSet still clots up.

Moving on, I wanted to give the green machine company a fair chance again, as I was planning to have them attend our March workshop. However, I would not want them to be present if their machine is really what I was observing it to be. It would be an embarrassment to them, as well as to me.

I decided to direct Howard Robins to do an independent test (with his Teledyne analyzer) on his unpacked machine WITHOUT a filter, which the company of the green machine alleged was destroying the ozone coming out of it.

Dr. Robins had taken delivery of this \$12,500 machine and was ready to send it back to the company unopened, aghast at what he saw at my workshop. However, after talking with the new company yesterday morning, I wanted to be as honorable and ethical and fair as possible. Hence, I demanded that Robins unpack his new machine and put it through the same procedure but again WITHOUT a filter, which was blamed by the company. He took out the gas in a large syringe, exactly as I did. The company claimed that the syringe filter must be destroying the ozone, even though I didn't use a filter either. But, I gave them the benefit in my instructions to Robins.

Robins, very upset with me for asking him to do this late at night when he just returned from my seminar, complied. He called me immediately (12:30 am his

time), calling me foul names for keeping him up (smile), then gave me the results. At 55 gamma setting, his green machine, with an alleged built in calibrator, was putting out just 45 gamma. UNACCEPTABLE!!!! Other settings were well beyond the allowable limits as well.

Howard will be returning his machine. I teach in groups, and may consider eating the cost of the machine to show my attendees deception or ignorance going on in the ozone machine making world. Robins admitted to me that he had wanted to see the green machine perform correctly in his office, hoping my machine might have had a "bad day" or "bad part". I also wanted it to be so simple. Competition is a good thing.

I feel the responsibility to let my own trainees know of this and inform the broader world of integrative physicians, so that they will not be lured into deceptive sales pitches about advances and stolen technology. If my machine was based on stolen technology, then this new-in-the-American market company made a really dumb decision in abandoning their technology for the highly inferior current technology they are peddling today. In fact, my old machine was so accurate in its output, that I just might check the accuracy of my very expensive Teledyne ozone analyzer with my "ancient" machine. When the analyzer does not match what the machine says, I will send back the analyzer for recalibration! This same problem exists with virtually ***all*** ozone machines, I assure you, so you really don't know what you are giving your patient. It is quite possible that ALL the ozone research of the past 30 years will have to be redone as no one really knows, real time, the doses they are giving. I have gotten what I believe are superior results to my colleagues. I discover now one possible reason – concentrations of ozone I was using for prolozone was far different that what I thought and what others think they are using. And for MAH, which I do as HBO<sub>3</sub>, my total ozone weight delivery is MUCH higher than what most others are giving.

I don't want to get into a pissing match with companies. I will not mention the names of machines other than the one that seems to be spot on - Zotzmann. Terri and I took a multi-thousand dollar hit with the green machine, but it was worth it to get to the bottom of a dark story in ozone.

Finally regarding "egg sets", I am looking into a different design. The current design of the iSet has an insufficient filter at the bottom of the chamber that likely shears blood cells and platelets leading to clotting. I don't recommend these sets at this time and will return to bottles after I use up my supply. After I get the slightly revised "eggs" and check them out, I will let everyone know its performance. This might take some time to get them, however. This iSet, **unlike what we were told**, is not exclusive to the green machine company. It, or a variant, has been around in Germany for 20 years.

If you have questions, please email Howard Robins at: [howardrobins@verizon.net](mailto:howardrobins@verizon.net) or Dr. Peter Jovanovic at: [peter@ozoneuniversity.com](mailto:peter@ozoneuniversity.com)

Warm regards,  
RJR

PS You have my permission to share this and forward it on to whatever list you have, now that my findings have been confirmed independently by an anally compulsive (smile) perfectionist - Dr. Robins.

PPS For those of you, who have not been to our workshops, please visit the following link to hear from the doctors who attended last weekend. While this message is going out to my entire list, I usually only send updates and new information to my attendee list. We do plan another workshop in the summer and will announce a date.

<https://www.youtube.com/watch?v=BXiGX0nrzeg>