

Technical Paper:

Statistical Testing of the Xynchro™ Device

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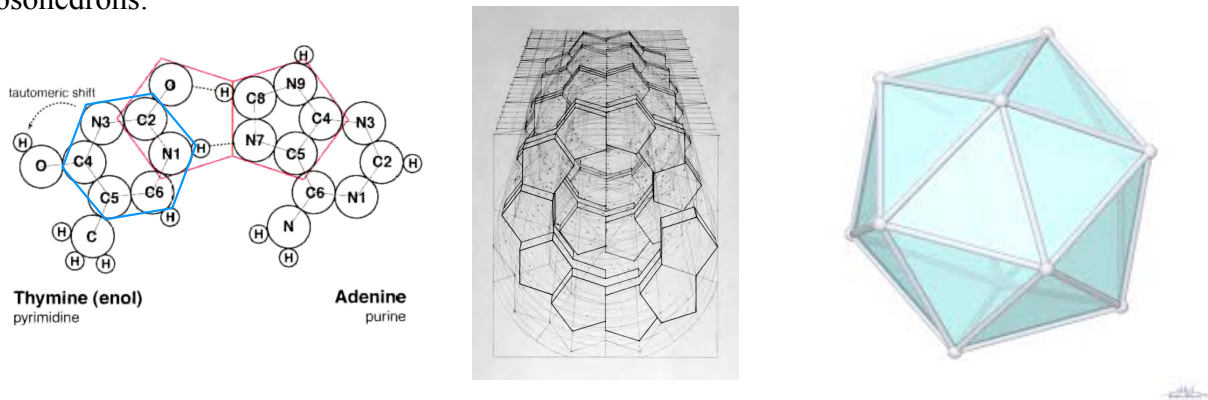
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Technical Paper: Statistical Testing of the Xyncro™ Device

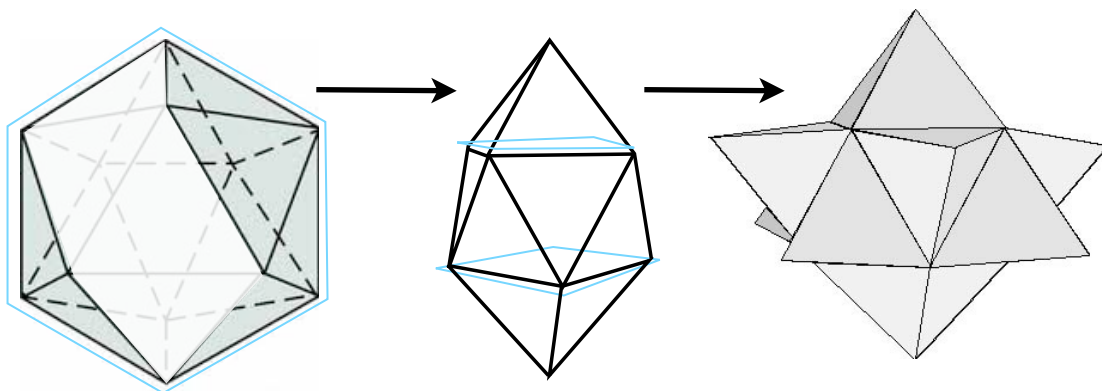
OVERVIEW

A protocol designed to test whether the Xyncro™-4D device had any effect (and more specifically, a positive effect) on test subjects was based on the Student-t distribution because of the small sample size and because of unknown general population information such as the mean and standard deviation. The Xyncro™-4D is a geometric star octahedron made of silver and gold wire, with a caduceus coil (Tesla helical coil) at its center, made to rotate at high speeds between 100 and 300 rpm. Semi-precious stones were placed at particular geometric points. Part of the theory behind the device is that the structure creates scalar waves of a nature that harmonizes with the cellular and/or DNA structure in the human body. This harmonizing may cause the body to return to its optimal state, thus allowing systems within the body to return to or “remember” their patterns of wellness or, if out of balance, realign to a natural harmonious state. From a mathematical point of view, the Xyncro™-4D geometry is based on a quantum seed pattern of (1, 3, 4, 7) [*Pythagoras and the Quantum World*, ITAM, 1997, by Ben Iverson and Dr. Carl Elkins]. DNA geometry itself has a quantum seed pattern of $(\pi, 3\pi, 4\pi, 7\pi)$, supporting the theory that scalar waves emitted by the rotating Xyncro™-4D could move into resonance with DNA and/or other cellular patterns, such as microtubules.

The spiraling nature of DNA arranges its inherent hexagonal and pentagonal shaped nucleotides in a way that the angular spiral causes the pentagonal components to form a series of spiraling icosahedrons:



What's mathematically interesting is that if you then take the structure of the icosahedron and



remove one vertical section of triangles (lightened section) from it, making a hexadecahedron, then turn the middle equilateral triangles into triangular pyramids, you get the geometry of the star octahedron, or the Xynchro™-4D. The quantum seed of the icosahedron (DNA) is (π , 3π , 4π , 7π) while that of the hexadecahedron is (1, 3, 4, 7), which implies the potential for geometric resonance.

This geometric similarity along with the same Fibonacci sequencing in the quantum seeds add to the theory that the spinning of the Xynchro™-4D could re-establish harmony in DNA or other cellular patterns, especially if that resonating component is a scalar. Indeed, the work done by James Oschman (*Energetic Medicine: The Scientific Basis*, Churchill Livingston, 2000), shows such a relationship. In Oschman's case, he identifies soliton scalars as the communicating/resonating medium.

The study presented surprising results.

The sampling involved 22 subjects from diverse groups, ranging from coaches to CEOs to artists. Most of the subjects were professionals, half in their 50s, a quarter in their 30s, and a quarter in their 40s. Most of the volunteers were successful, educated, and yearning to advance their own personal growth. Indeed, the Xynchro™-4D was presented to them as being a Personal Growth Accelerator Device (PGAD). They participated in 8 sessions over an average of 8 weeks, and filled out logs on the days between their sessions. During each session, the Xynchro™-4D spun at high rpm for 45 minutes. Counseling was offered before or after each session, approximately 30 minutes. The counselors noted that counseling was instrumental in giving participants tools and insights, so they could handle more easily the rapid changes. If not for the counseling, it became obvious that some could have dropped out of the study. In their logs they noted how difficult it was at times to be confronted by rapid transformation where life issues that had been stuffed away, or not dealt with, surfaced on a regular basis. At the end of the 8th session they were asked to rate their "evolution since the beginning of the sessions." The survey ratings ranged from -2 to +2:

How do you rate your evolution since the beginning of the session?

Emotional State, feeling about life or myself	-2	-1	0	+1	+2
Mental State, clarity, focus, insights in life, drive	-2	-1	0	+1	+2
Body State, how you feel Physically	-2	-1	0	+1	+2

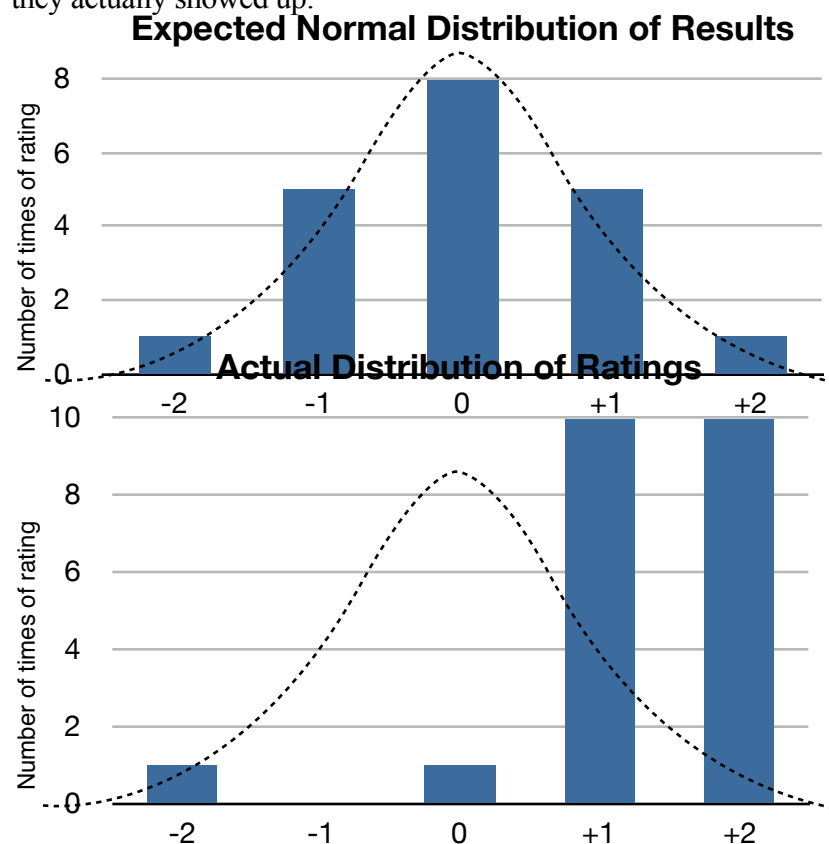
How would you rate the overall experience with the PGAD for yourself?

- 2 = my overall impact on life got much worse
- 1 = my overall impact on life got worse
- 0 = I see no change on how I see and experience life
- +1 = I see a beneficial change on how I deal with life
- +2 = I feel much stronger, much more positive, much more balanced,
I see a very significant change and would really recommend this experience to others

RESULTS

The null hypothesis was that the sessions would produce no significant changes or effects. And the study clearly rejected this null hypothesis using a Student-t two-tailed test with a $p < 1/100$ th of 1% value. The next step would be to test the hypothesis of whether the sessions were beneficial—a Student t one-tailed test. It was clear that even with a one-tailed test that the null hypothesis once again was rejected, resulting in the conclusion that 95% of the participants showed a positive benefit. It's of note to see that even with a one-tailed test the significance was still $p < 1/100$ th of 1%. However, when the results were broken out to mental (91% showed improvement), emotional (86% showed improvement), and physical effects (82% showed improvement), only the emotional data showed a minor difference in significance, with $p < 2/100$ ths of 1% in the case of testing whether there was any effect, and $p < 4/100$ ths of 1% in the case of whether there was beneficial effect. The results were still highly significant.

Moreover, the study via the personal logs revealed that the Xynchro™-4D significantly improved the lives of the test subjects. To give an idea of how significant the study results were, here are two bar graphs that show what the expected distribution of answers would be in a normal population and how they actually showed up:



The actual bre [redacted] Rating value over all sessions and in the three categories (evolution), rated after the 8th session with the two questions noted above, appeared thusly:

Client #	Evolution rated	Emotional State	Mental State	Physical State
1	1	1	1	1
2	1.7	1	2	2
3	2	1	2	1
4	1	1	1	1
5	1	1	1	1
6	2	2	2	1
7	2	2	1	1
9	1	-1	1	1
10	1	1	1	1
11	2	2	2	2
12	1	1	2	1
14	2	1	1	1
15	2	2	2	2
16	1	1	1	1
17	-2	-2	-1	-1
18	0	0	0	0
19	1	1	1	1
21	1	0	1	1
22	2	2	2	1
23	2	2	2	0
24	2	1	1	1
25	1	1	1	0
count	22	22	22	22
ave.	1.21	0.909	1.18	0.864
t-stat	6.005	4.263	7.277	5.922
t-2tail p	<.0001	<.0002	<.0001	<.0001
t-1tail p	<.0001	<.0004	<.0001	<.0001
var	0.87	1.05	0.56	0.49
st. dev.	0.9338	1.02	0.75	0.7

I changed the p-values to percentages so that $p < .0001$ becomes $p < .01\%$ (1/100th of 1%). With 21 degrees of freedom, the t critical value in the t-table worked out to be 1.72 for $p < 5\%$ and 4.78 for $p < .01\%$.

Because the information was available in the daily logs of participants, I decided to devise a way to measure effectiveness of the Xynchro™-4D across sessions, wanting to see if number of sessions made a difference. I accomplished this by taking one of the log questions to represent their average evaluation of a session. That question was thus:

How do you feel that your connection with your environment is changing. How do you feel towards nature, animals.

-2 = My connection got much worse, I feel more hard inside

-1 = My connection got worse, feel less connected

0 = I feel no change in connection

+1 = I feel more compassion, more respect, more gentle

+2 = I feels much more compassion, a real softness, almost sacredness of
of all things

Not everyone answered this question after every session. So I left the cell blank where no answer was given.

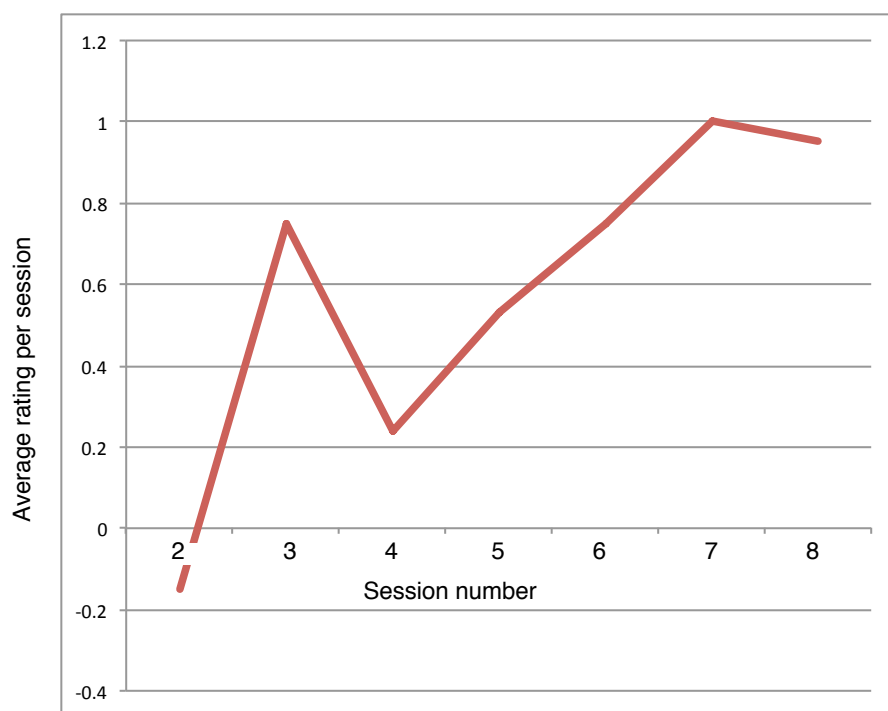
Session 1 rated	Session 2 rated	Session 3 rated	Session 4 rated	Session 5 rated	Session 6 rated	Session 7 rated	Session 8 rated
				-2	1	1	1
				-1	1	1	2
				1	1	1	1
	0	-1	-1	0	1	1	1
			1	1	1	1	-1
		1	1	1		0	1
		1	0	1	0	1	1
			-1	0	1	-1	0
		1	1	1	1	2	
					1	2	2
	-2	1	-1	1	2	2	1
	0	1	2	1	0	2	1
	-1	1					2
	1	1	1	1	1	2	1
	0	0	0	1	0	0	-2
	0	1	0	-2	0	0	1
	1	1	1		1	1	2
	-1	1	1	1	1	1	1
	1	1	1	2	1	2	2
	-1	0	0	0	1		2
	0	1	-1	1	1	1	1
	0	1	-1	0	0	1	1
count	13	16	17	19	20	20	21
ave.	-0.15	0.75	0.24	0.53	0.75	1.00	0.95

INTERPRETATION

What is particularly interesting is that the breakdown of comparing effectiveness between starting the study and ending the study into mental, emotional, and physical improvement, all proved to be statistically significant ($p < .01\%$, $p < .02\%$, $p < .01\%$). The greatest average of improvement occurred in the mental ratings, with physical ratings showing the greatest significance of change, with the t value beyond 11 standard deviations. Preliminary examination of the Xynchro™-4D had indicated that perhaps the most change would occur emotionally. This did not prove to be true.

What also was surprising was how quickly change occurred. From the get-go subjects noted ferment showing up right after the very first session, with a negative average rating of $-.15$. As subjects continued their sessions the ratings increased steadily with a peak occurring at the third session and then plateauing at the seventh session:

Plot of Average Rating Across Sessions



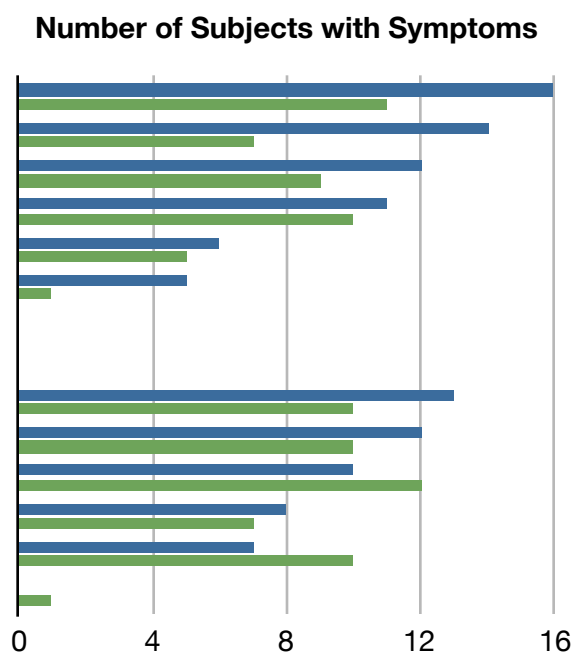
Even though the study was intended only to indicate whether the Xynchro™-4D would bring positive change to people using it, and thereby give grounds for a more rigorous study later, the logs that volunteers were given to fill out indicate that the Xynchro™-4D is far more powerful than the data indicate.

In the log entries, the 22 participants noted how they felt during the sessions. By the answers noted in their logs, the subjects knew the Xynchro™-4D was affecting them during the session, in many instances strongly. They marked several symptoms. The most common were dizziness,

improved energy, heating/glowing, and prickly feelings on the skin, while noting disorientation, deep relaxation, and more energy after the session. In some cases the reactions were quite uncomfortable, with nausea or feeling flu-like symptoms.

In the chart below, you will see that most symptoms occurred while the sessions were going on, even though I'm only showing the first and last sessions as examples. As the sessions progressed across time, fewer symptoms began to show up except the symptoms of disorientation and extra activity in the body. From the logs, the range of symptoms during the sessions and after the sessions broke out thusly:

First Session Symptoms		Last Session Symptoms
tickly skin feeling	16	11
dizziness	14	7
glowing/heating	12	9
improved energy	11	10
chest opening	6	5
flu-like	5	1
post-session symptoms		
relaxed in self	13	10
more energy	12	10
disorientation	10	12
relaxing sleep	8	7
xtra activity in	7	10
nausea	0	1



During the spinning of the Xynchro™-4D, subjects laid down or sat, whatever they felt comfortable with. Many noted deep, profound sleep during and after the sessions. Sleep notations throughout the logs became a big factor, so much so that in some cases the entire log centered around how much sleep and the quality of the sleep. Though less dramatic than some of the other outcomes noted, sleep problems are no small matter as an industry. In future studies this beneficial aspect of the Xynchro™-4D could be more detailed and more closely examined.

LOG ENTRIES - PHYSICAL CHANGES

- I have a very deep sleep.
- Sex has been amazing.
- Migraines stop. Constant and extreme tiredness ends. Business increases and clients respond better.
- Dermatologist noted improvements in skin. Anti-aging.

- Caressing the skin, the difference I feel on my skin and on my fingertips is clear to me for the first time in 25 years. This is very emotional to me.
- Energy flow is greatly improved. Here I really notice what the device is doing! The energy is flowing so well that it's simply nice being me 😊
- My tolerance for alcohol has decreased. I don't even finish my glass.
- What I expected from the test was to help me get over hurts from my past. I did not expect that it would affect my compensatory behavior. But the most spectacular was undoubtedly the ease with which I can leave a glass of wine. I also noted that my sleep pattern has improved over the course of the sessions.
- I now suddenly can tolerate alcohol less than before. This I have really noticed.
- Heavy head, cannot stand drinking too much wine anymore. People are starting to notice my changing energy: in company I am more joyful and stronger. The energy that is now flowing through my hands keeps being a constant.
- I noticed that my Achilles, which had been operated on, is much more flexible now. During the session the first time, there was some activation there.
- After 10 years with no sense of smell, a subject's sense of smell returns for 3 days after a session.
- A subject with a 20 year history of swollen legs (edema) has his legs return to normal.

LOG ENTRIES - MENTAL CHANGES

- An adult with autism participated in the study because he felt stuck, and was passive. He perceived a lot around him in negative terms, and felt much fear, and specifically fear of change.

I see now more how I have been all these years in my life, my passiveness, and I feel I want to change now and find a job and do more things.

I also want to hang out more in positive environments instead of the destructive environments I hang out in. So I am now focusing on more spiritual lectures and events.

- A woman who cannot drive alone through tunnels, and who finds it difficult to be alone in any setting, including her house, was not able to be alone during the sessions. By the 4th session she is able to go out more confidently in public alone and be in a crowd.
- I greatly enjoy peace nowadays, and how it is coming to me. What a difference from my former life!

- Today I understand why it was so acceptable, in my mind, to have the second best choice. I understand why I allowed males to come first, and I understood why women go nuts (as seen in movies and dramas) or run amok (going nuts again). I can't blame anybody but my mindset and myself. Tough to understand. Tough to see. Tough to change. There was me being a victim. I changed a lot. I was in need of crutches for a long time and can let go of them now. I don't know my other crutches right now. But I believe that they will be understood and left behind as well.

LOG ENTRIES - EMOTIONAL CHANGES

- Feel like people notice me a lot.
- Feeling completely neutral—centered—like a reboot of my system, clearing up all kind of bugs and bad programming, stopping at every step that needs to be looked at.

Had a long talk—some painful subjects surfaced. Touched some core issues within myself that I've been trying to leave alone for decades. Pandora's Box is open, no longer trying to close it again with evading actions. I'll face the music.

Feel like my heart has been touched in a way it has never been touched before. Feel quite emotional all the time, it's like I went through an emotional attack to the heart. Like a new part of it has been touched and is opening up like a flower, ever so slowly.

The PGAD [Xynchro™-4D] has changed my life dramatically. The fundamental structure of how life works has come to the surface.

- After the 4th session huge amount of joy came to the surface. I fell asleep after laughing for 15 minutes. There's still emotional conflicts between ego and mind, but after the 8th session, it is easier to let go of them.

- Feel so relaxed, like all the problems of the world are gone. Sleepy and bubbling hands! The whole week felt the heart opening. The hands are constantly glowing. Not willing to put up with anything I don't like!

- An awareness about our connection with everything. Better comprehension about patterns. More relaxed and focused. Peaceful looking to the world with less judgment and better comprehension.

- The device has given me the insights to the heart of things. I see now very clear where I have to go, I feel it stronger now.

I went through a roller coaster of emotions from very energetic, powerful, calm, or focused to disintegration, negative reaction patterns, or emotions that are clearly related to me by my past. I can recognize manipulation very quickly and stay away from it because that exact same feeling brought me to what I felt before. Yes, certainly a lot of change and hopefully a start of a rapid revolution.

CONCLUSION

The null hypothesis that the Xynchro™-4D had no effect on test subjects was rejected. The complementary alternative that the Xynchro™-4D produces significant positive changes (benefits) in people's lives proved true not only overall (experience), but also in mental, emotional, and physical ways (evolution). So dramatic were the results in several cases that the test subjects expressed disappointment that the sessions had come to an end. Often the question was asked, "What's next?"

Indeed, that is the question for the Xynchro™-4D as well. In the future, a more rigorous blind or double-blind study with greater emphasis on the therapeutic values of the device warrant exploration. So significant has the device proven to be that peer-review papers should be considered once product development has reached its zenith.

It should be noted that the study was conducted in Belgium, a country known for its conservative culture when it comes to anything cutting-edge or new wave. Major corporations like Red Bull, Coca-Cola, and P&G consider Belgium to be one of the best bellwethers for international test marketing, their logic being, "If it sells in Belgium, it will sell anywhere."

The log entries paint a far more dramatic picture than the numerical data indicate. Even the outlier data point can be discounted since the subject involved wrote an email to study administrators some weeks after the study was over to report that her life had, indeed, changed dramatically, that a breakthrough event in her life had occurred. Does this mean that more than 8 sessions should be considered in a follow-up study? Yes. One of the questions that should be answered is whether the plateau that on the average occurred at sessions 7 and 8 does continue to plateau or rise. The outlier hints that the improvements will continue to occur. One of the ethical questions that needs to be examined in a future blind study is whether those who are administered a placebo should be offered actual sessions after the future study because of the obvious benefits of the Xynchro™-4D.