



## Vibrational Technologies Could Boost Cancer Moonshot Prospects

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### Abstract

*The recent White House communication vowed to end cancer as we know it. The actualization of this desire will require many unspecified discoveries yet to be made. On the strength of examples, this article explains how discoveries can occur when the focus of attention is enhanced, and that mantra meditation is a tool with which to enhance the focus of attention.*

*Mantras from the ancient Rig Veda and Yajurveda have been shown to have a positive influence on the brain, while another mantra, Aum Namoh Bhagvate Vasudeva, is shown to have a positive influence on stress, energy and chakra alignment.*

*Mantras produce sound and sound is vibrations, and therefore, vibrational technologies may play an important role in cancer cure. Mantra meditation in the hands of cancer researchers could lead to breakthrough discoveries that may lead to the cure for many different types of cancer.*

President Biden reignited the Cancer Moonshot aiming to reduce cancer death-rates over the next 25 years by at least fifty percent.

Success will hinge on scientific discoveries not yet made.

The key question to ask is how discoveries occur. If the mechanics of how discoveries come about is better understood, perhaps that would make it easier to make discoveries relevant to cancer cure.

To begin, much of the world is under the mistaken belief that products of reason are entirely sufficient to make new discoveries and to solve problems.

Products of reason include sciences, laws, policies, and the like. The strong belief in the primacy of reason is due to two factors:

- Scientific discoveries, first in Europe, and then in North America, are hugely responsible for human progress since the renaissance period.
- The renowned 18th century German philosopher Immanuel Kant observes, “*All our knowledge begins with the (five) senses, proceeds then to the understanding, and ends with reason. There is nothing higher than reason.*”

However, this line of reasoning is incorrect.

The flaw becomes clear when it is realized that ancient sages had made discoveries thousands of years ago when there were no products of reason to build upon.

The four Vedas are ancient examples of such discoveries, which in Sanskrit, go by the name, Shrutis, meaning revealed.

The wisdom in the Vedas couldn't have been sourced from previous knowledge as there was none.

Swami Vivekananda gives us a hint, in direct contradiction to the assertion of Immanuel Kant. Says he, *Indian thought dares to seek and successfully find something higher than reason.*

Vivekananda was an Indian monk revered in India and widely respected in the United States (The New York Times, The Wall Street Journal). He traveled to Chicago to speak at the Parliament of World's Religions in 1893 and received a rock-star reception. Both Harvard and Columbia made him an offer to head a new department of Eastern Religions which he declined.

Vivekananda's assertion can be proved. Here is how.

Intuition is knowing something without the benefit of the five senses. As per Kant's assertion, this shouldn't be possible.

Purposeful inculcation of intuition means that there is definitely something higher than reason.

I site two examples in support of this claim.

In the first, eleven-year old Vanshi Chauhan is seen reading to Bollywood megastar, Amitabh Bachchan from a book, blindfolded on India's version of the TV show, Who Wants to be a Millionaire. See this video clip (Kaun Banega Crorepati).

In the second example, children are seen doing numerous tasks blindfolded after undergoing a seven-day training program conducted by my Guru's organization, Universal Peace Foundation. See this video clip (Aha Dharana Intuition Enhancement Program, 2019).

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There is definitely something higher than reason.

Success of Cancer Moonshot will likely require many Shruti type of discoveries.

Shruti discoveries can occur when the focus of attention is enhanced, typically through meditation.

Actually, all discoveries occur when the focus of attention is enhanced, often unknowingly.

Some of the greatest discoveries of Albert Einstein may well have been examples of Shruti.

The year 1905 is referred to as Einstein's miracle year. That year, Einstein made four breakthrough discoveries, one of which, the law of photoelectric effect, fetched him the Nobel Prize in physics in 1921.

Smoking a pipe, staring out of the glass window of his second-floor apartment in Berne, Switzerland, and deeply engrossed in his famous thought experiments, he must have enhanced his focus of attention to such an extent that major discoveries came to him.

The second, and a more direct example of Shruti discoveries is S. Ramanujan.

Barely a high school graduate, Ramanujan would write down complex mathematical theorems and their proofs without ever knowing the steps in between. Asked by his mentor G. H. Hardy at Cambridge how he did that, Ramanujan replied, *Goddess Habbaki speaks to me in prayer, sometimes she puts the equation on my tongue, sometimes in sleep.*

The British biographical film, *The Man Who Knew Infinity*, gives a fascinating account of Ramanujan's life. He was elected a Fellow of the Royal Society, UK in 1918.

The third example is the work of Jagadguru Shankaracharya which culminated in the book, "Vedic Mathematics: Sixteen Simple Mathematical Formulae" in 1965. There are no mathematical formulas in the Vedas.

The final example is equally interesting. Clay W. Hansen, an alumnus of the University of Louisville, Department of Chemical Engineering, has made a new discovery pertaining to global warming: He writes that while fossil fuels consumption contributes to global warming, the elephant in the room is underground nuclear explosions.

The energy from above-ground explosions escapes to space, but the Earth must absorb the entire energy from underground nuclear explosions. Some of this energy has found its way to the surface of oceans, dramatically affecting the release and absorption of CO<sub>2</sub> from the oceans. And, this has led to global warming.

Experimental data corroborates Clay's claim. The complete research paper may be found at this link: Clay W. Hansen, *Underground Nuclear Testing: The Leading Cause of Global warming*, Japan Journal of Research, February 2023.

Clay obtained his M. Eng. in Chemical Engineering from the University of Louisville in 1992 where I taught from 1975 for thirty-three years retiring in 2008. Between his high school and college studies, Hansen worked on ground electronics and targeting for the Minuteman II and III intercontinental missiles at the US Air Force. After graduation from the University of Louisville, he worked at Exxon Chemical, Olin Chemicals, Dow Corning and GE Appliances. He is a Registered Professional Engineer and a Six Sigma Black Belt.

Hansen is a coauthor of the article, along with Russ Hannula of Rohm & Haas, Mohan Bhalodia of Exxon Research & Engineering, *Achieve Total Quality Control of Continuous Processes*, published in *Chemical Engineering Progress*, in 1993.

Hansen reached out to me in November 2022 requesting my

help with control aspects of his discovery and I happily agreed.

Asked on February 27, 2023 if an enhancement in the focus of attention had anything to do with his counterintuitive discovery, Hansen replied,

*I honestly believe that I connect to the Aether when I meditate. In other words, I'm only a vessel delivering these data to the world. Tesla believed the same and I have seen him in my visions. He seems to always smile and nod in approval. It's my mind and so I can do what I want. Lol.*

Clay suffers from the debilitating disease, Multiple System Atrophy Type C that keeps him from doing almost anything but think. He says his situation is much better now than it was a year ago. At the bottom of his email, he now writes, "With the blessings of H. H. Guru Mahan". He and his wife, Sheila, live in Maine.

These examples notwithstanding, it is nearly impossible for a Wolfgang Amadeus Mozart to emerge as an Albert Einstein.

To bring about cancer-related Shruti discoveries, cancer researchers themselves will have to enhance their focus of attention and transcend reason.

One way to enhance the focus of attention transcending the domain of reason is through meditation, more specifically, mantra meditation.

Mantras have an impact on our vibrational characteristics, which in turn, influence our body and mind. There is evidentiary support for this hypothesis. I offer several examples.

James Hartzell, an American neuroscientist, now based in Spain, learned Sanskrit and then conducted an experiment with the help of a group of boys in New Delhi, trained in chanting of mantras from Yajurveda. The researcher found that over time, the mantras produced a favorable effect on that part of the brain that is responsible for cognition. Hartzell published an article titled, *The Sanskrit Effect*, detailing his investigation, in *Scientific American*.

Rama Jayasundar, a professor of Nuclear Magnetic Resonance at the All India Institute of Medical Sciences in New Delhi, studied the effect of Gayatri Mantra from the Rig Veda finding that the mantra eliminated the asymmetry in neurochemicals in the two hemispheres of the brain. Jayasundar holds a doctorate in NMR from Cambridge University.

A few discoveries have occurred to this writer, as well, through a different set of mantras which go by the name, *Durga Saptashati*, although they may not rise to the level of Shruti:

1. Much of the world is unaware that the performance in the external world is strongly linked to emotional excellence. Raise emotional excellence and the performance will zoom. This means everyone aspiring to achieve the best possible performance must design and operate the processes to achieve minimum variance, and, additionally, engage in the practice of meditation to enhance the focus of attention with a concomitant rise in emotional excellence. This discovery has huge implications for corporations and societies.
2. Products of reason are essential and necessary to solve problems but they are not always sufficient, and when they are not, the solution to the problem may lie beyond the realm of reason, accessible only through an enhancement of the focus of attention.

Racial harmony is an example. The thirteenth amendment to the US Constitution abolished slavery in 1865 and a number of laws have been passed since then, but racism appears to persist. Clearly, the products haven't been sufficient to tackle racism. For success, the necessary positive changes will have to come about from within. And, these changes will come about through meditation.

### Mantras and Human Vibrations

Mantras produce sound, and sound is synonymous with vibrations. The two examples presented are illustrative of how mantras can have a positive impact on the brain.

Actually, the vibrations of the mantras can potentially have an effect on our entire system.

*If you wish to understand the universe, think of energy, frequency and vibrations.*

Nikola Tesla following his interactions with Swami Vivekananda in 1893

To elaborate, we all have trillions of cells. Each cell has a nucleus, a cytoplasm and a cell wall. Inside the nucleus are 46 chromosomes, 46X,Y for males and 46X,X for females. Of the total, 23X,X chromosomes come from our mother and 23X,Y from our father.

Thus, we are linked to the past.

How we are today depends on two things: Genetic traits inherited from our ancestors, and how we have lived our lives to the present day.

Now, if we breakdown the cells into even smaller parts, we will find that they are made up of atoms. Atoms, in turn, have protons and neutrons in their nuclei and there are electrons that orbit them.

Thus, at the fundamental level, we are all vibrating all the time. The nature of these vibrations determines everything about us. It is our fundamental nature.

It is just that these vibrational signals are too weak. For measurement purposes, they have to be stimulated and amplified.

In one approach, a wireless radio frequency signal is used for

stimulation. This device goes by the name, EQ Radio, and, it was developed at MIT. (See this short video clip).

In another, a harmless electrical signal is applied to the fingertips of our hands, one at a time. The response of this stimulus is a burst of photons that are captured and analyzed to inform us of our vibrational characteristics. See this video clip. This device goes by the name, Bio- Well. It was invented by Dr. Konstantin Korotkov, a Professor of Biophysics and Computers at a St. Petersburg University in Russia.

Bio-Well measurements deliver three attributes of the subject's vibrational characteristics: Stress (0 to 10); Energy, J (0 to 100), and Chakra alignment, %. The desirable stress level is < 3.0; desirable energy level, 60 -70J; and chakra alignment, >90%.

I have investigated the effect of a specific mantra (Aum Namo Bhagvate Vasudeva) on the stress & energy levels and the chakras of normal subjects. Figure 1 depicts these parameters before and after a 40-minute silent mantra meditation.

*Science is the appropriate body of knowledge to use when the fundamentals of the system under scrutiny are well understood, but when they are not, a data-driven methodology such as six sigma can be used, provided measurements are available. When system fundamentals are not well understood and measurements are not available, then, these two methods of inquiry cease to be useful. Enhancing the focus of attention, as with meditation, then, remains the only viable pathway for solving problems and to make new discoveries. Take care though, the discoveries that come about by enhancing the focus of attention must nonetheless obey the constraints imposed by reason and logical consistency.*

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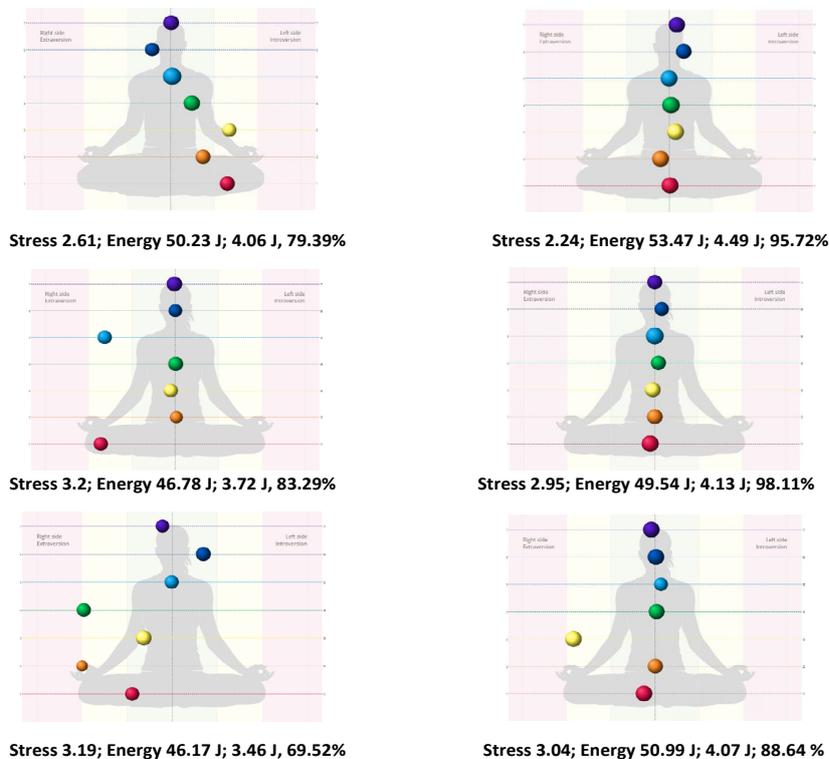


Figure 1. Stress; Energy, J Chakra Alignment, %, at Start (Left) and After (Right) Mantra Session

## Vibrational Technology, the Next Frontier to Fight Cancer?

Mantras have been shown to have an influence on our brain, stress, energy and chakras. Potentially, specific mantras can affect specific parts of the body.

There are a host of mantras purportedly effective for curing different diseases. Unfortunately, the efficacy of these mantras for curing the associated diseases has not been scientifically studied, but it needs to be.

Is there a modern-medicine equivalent to the mantra system that can normalize the vibrational characteristics for cancer cure? That just might lead to a new branch of Medicine, Vibrational Technology.

The challenge for cancer researchers is to discover specific mantras which have the power to restore energy & stress levels and chakra alignment, and to cure specific cancers.

Put it another way, is vibrational technology the next frontier in cancer cure? Cancer researchers have to go into meditation and make the necessary new discoveries.

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