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# Scientific evidence for the cancer treatment of human-natured infrared radiation and stimulated electron radiation

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## ABSTRACT

The principles of surgery in the early stages of cancer, physical radiation in severe cases, and chemotherapy are now commonplace around the world. When the cancer has spread (metastasis) within the organ of its first formation and to other parts of the body, these methods can increase life expectancy by a maximum of five years. At the current level of scientific progress, no perfect cure for cancer has yet been found. Here, we demonstrate the result of our study of how Purevsuren Begzjav, a Mongolian citizen and healer, uses her natural bioenergy to completely cure late-stage cancer. It was found that B. Purevsuren's palms (body) emit hot photons of stimulated electrons saturated with infrared light at 40°C to 45°C, which regenerate the patient's bioplasma (energy) body and restrain the cancer foci and eradicate it. B. Purevsuren's innate infrared energy reaches the organs and organ systems of the human body in appropriate doses, is harmless, and the level of her bioenergy parameters is quite stable. For example, the mean pre-treatment bioenergy area of the healer ( $\bar{X} \pm S = 11549.3 \pm 672.3$ ) is maintained at 98.4 percent compared to the post-treatment average ( $\bar{X} \pm S = 11368.0 \pm 650.2$ ). However, the mean pre-treatment bioenergy intensity of the healer ( $\bar{X} \pm S = 75.42 \pm 1.48$ ) is maintained at 99.6 percent compared to the post-treatment average ( $\bar{X} \pm S = 75.14 \pm 1.53$ ). The result of B. Purevsuren's treatment is providing evidence that there is a scientific approach to cure cancer with photons of human-natured, high-temperature infrared energy-stimulated electrons completely. Trial registration (NIRT20121127), November 27, 2012

## Introduction

Thanks to scientific findings and the rapid development of technology in the 21<sup>st</sup> century, the mankind have been able to recognize the structure and function of the human body at the cellular and molecular level and establish the complete sequence of human genes. The diagnostic and treatment capacity has reached an unprecedented level. However, no perfect cure has yet been found for cancer.

Under the influence of carcinogens<sup>1</sup>, carcinogenic proto-oncogenes located in specific parts of the human genetic fund (genome) become active oncogenes, dramatically arising synthesis of cancer proteins in healthy cells and transforming them into cancer cells. There are several models of theoretical hypotheses about the origin of cancer (carcinogenesis). The "genetic model" links carcinogenesis to gene mutations in the human genome. The "mutagenic model" explains the process by which proto-oncogenes are activated and transformed into oncogenes under the influence of various chemicals, strong sound waves, and radioactive substances. Healthy cells transform into cancer cells when the cell genome is altered. However, there is a paradoxical phenomenon in which there are no clear changes within the molecule of desoxyribonucleic acid (DNA), which contains human genes<sup>2</sup>. In other words, there is no specific mutation in the genome of the cancer cell<sup>3</sup>. According to a recent scientific study, the "energy model" explains carcinogenesis by the transformation of proto-oncogenes into activated oncogenes by absorbing ultraviolet radiation from the human body into DNA and altering the energy state of DNA<sup>4</sup>. The energy-absorbing region of DNA is in the 160nm to 310nm range of ultraviolet light. Based on research in 1995, the International Organization for Research on Cancer (IORC) reported that by absorbing a single quantum of ultraviolet light, the internal molecular bonds of the atoms in the DNA molecule are stimulated, but cancer develops without any damage to that part of the DNA<sup>5</sup>.

Cancer is a cold-natured disease that depletes electrical and thermal energy of the human body and impairs its reproduction. The definition of cancer in the theory of Oriental medicine also confirms that cancer is a cold disease<sup>6</sup>. In this medicine, the so-called "Badgan bor" combined disease has three phases: the hot phase is the initial stage, confrontation of the hot and cold phases is the middle stage, and the settled cold phase is the final stage. Thus, "Badgan bor" disease is a cold-natured disease in the final stage, and at this stage, it seems that the cold foci of cancer have already formed and have reached the point where they can be detected by equipments. However, it is logical to assume that the first two stages have not been detected by modern analytical methods and have been sent to the third stage.

Today, modern scientific research in the treatment of cancer around the world has developed:

1. Surgical removal of the cancer foci
2. Physical radiation burning of the cancer site
3. Chemical treatment of cancer (use of cytostatics or drugs that inhibit the growth of cancer cells, or inactivate the cancer foci with the help of chemicals)

can be used alone or in combination. In addition, a "hyperthermia" treatment option is being developed to burn the cancer foci<sup>7</sup>. In particular, high-temperature heating released with the help of electromagnetic radiation is widely used. However, it has been found that the human body can withstand heat waves not exceeding 43.5°C, but depending on the tissue characteristics of each organ, burns can occur due to intolerance of this temperature.

These types of methods give a person a certain life expectancy, but the cancer will inevitably recur. As a result of the use of these methods in the treatment of cancer, damaged, debilitated and dead cells become a source of ultraviolet radiation. Because the UV wavelength coincides with the energy-absorbing region of DNA, it absorbs it and slowly changes the DNA molecule in the energy level. As a result, cancer recurrence is inevitable because the carcinogenic proto-oncogenes in the DNA molecule is transformed to the active oncogenes<sup>8</sup>. Currently, there is no scientific method to treat cancer without leaving damaged, debilitated, or dead cells in the cancer foci. In a sense, there is no perfect cure for cancer at the current level of scientific knowledge. The methods used in the treatment of cancer do not give perfect results, because the main focus is only on treating the cancer itself, which depletes the energy of the whole body. However, there is no scientifically proven cure to stop the energy absorption of body due to cancer growth and to restore the "energy body".

In addition to the biological or physical body, living organisms have an energy body or a biological plasma body. Scientists V.M.Inyushin and others made a new discovery about the energy body called the bioplasma body<sup>9</sup>. The fourth state, which differs from the three basic states of matter, liquid, solid, and gas, is called plasma. Plasma is a "gas" in the "quasineutral" or "neutral" state, consisting of positively charged ions and negatively charged electrons. The bioplasma body is a system that is invisible to the naked eye, defined only by special instruments, and like the fog that permeates the human biological body. The bioplasma body has an internal system that is very different from the energy exchange system that takes place inside the biological body. Recent scientific studies have identified several features of the bioplasma body. For example, the bioplasma body is the real human body that controls the biological (physical) body. The bioplasma body moves between hot and cold, and as the cold site of cancer expands, the body's metabolism and energy exchange, which regenerates the bioplasma body with protons, electrons, and charged particles, slows down and the organism cools. The theoretical understanding of the bioplasma body does not exist in Western medicine, but in Eastern medicine it is presented within the embryology<sup>10</sup>. According to Western medicine theory, semen and ovum play a key role in the conception. In the mother's womb, on the other hand, consciousness of the being (namshe) that comes in from the outside during fertilization is the beginning of the energy body by reviving the embryo. The namshe is the latent consciousness or mind that rides the "Wind energy". The latent consciousness stimulates the formation of the subtle body or energy body. The subtle body is formed during the first two months of embryonic development and consists of 72,000 invisible vessels. These vessels are the channels through which the "vital essence" or the "essence" that carries the spirit, the mind, the subtle and gross consciousness, are connected to the sensory organs. Stimulated by the vital essence of the subtle body, physical body is formed. In the future, physical vitality is built on the vital essence. When the vital essence ceases to function, the biological body dies<sup>61011</sup>. Thus, the bioplasma body is synonymous with the energy body, the mind body, the spirit body, and the subtle body.

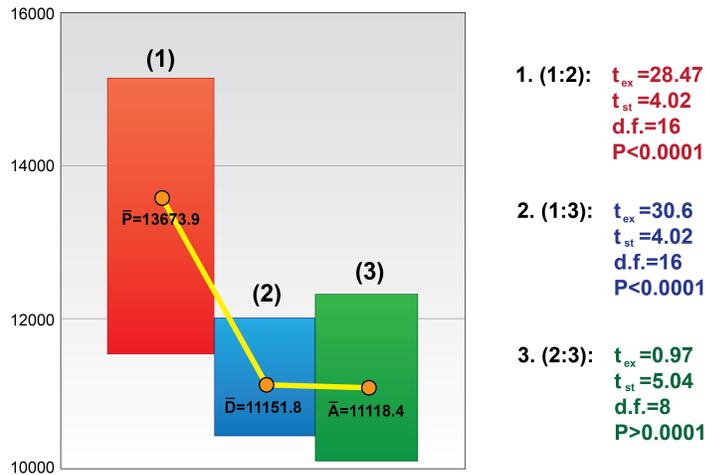
During the our research, we discovered that in cancer, the entire human bioplasmic body is deeply damaged, and that the innate infrared energy of the healer B.Purevsuren completely restores the bioplasma body's structure. It has also been shown that the bioenergy of the healer enclose around the cancer foci and interrupts the process of vascular nutrition, causing the cancer to dry out and calcify. We selected 11 types of cancers that were relatively common from the many cases of various cancers cured by B.Purevsuren's bioenergy treatment, and studied the effects of the innate infrared energy of the healer on the example of each. The study included 11 patients diagnosed with late-stage cancer of the liver, brain, thyroid, larynx, stomach, kidneys, cervix, prostate, colon, bone, and hematopoietic tissue. This study aims to research the bioenergy characteristics and some of its parameters of B.Purevsuren, a healer.

## Results

### Bioenergy characteristics of the healer

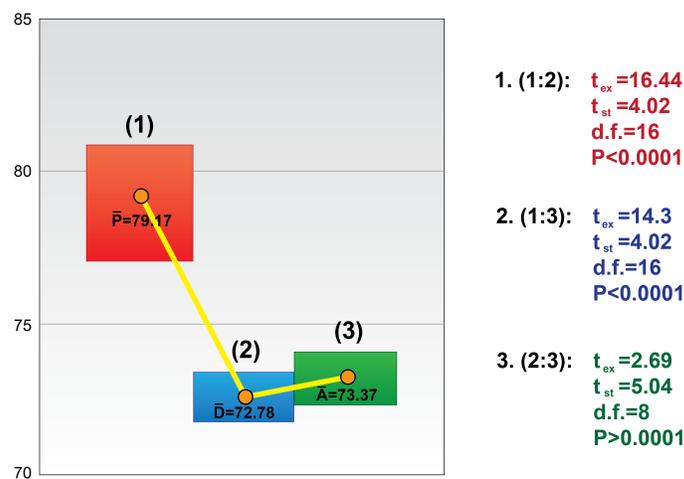
In 2004, nuclear physicists determined that B.Purevsuren's hands (body) emitted the infrared light with a temperature of 40°C to 45°C and reached the patients at a distance of 2-6 meters in a few seconds. The palms of the healer were covered with opaque glass, but the infrared light from her hands penetrated the glass barrier and was reflected at a high-density doses to the patient's sick organs.

In 2011, a research team led by Professor J.Batsuuri studied some of the physical properties of B.Purevsuren's bioenergy comparing with a citizen D. (female) and citizen A. (men), who are relatively healthy, similar ages with the healer, and have never received bioenergy treatment. The bioenergy area radiated by the survey participants was measured by an average of 250 measurements (Figure 1): 1) B.Purevsuren 13673.9 ( $9.66\text{cm}^2$ ), 2) citizen D. 11151.8 ( $7.81\text{cm}^2$ ), 3) citizen A. 11118.4 ( $7.78\text{cm}^2$ ) were found. There was a statistically significant difference in the analysis of the average bioenergy area of the healer compared to the average bioenergy area of citizen D. and citizen A. (P:D  $t_{ex} = 28.47$ ,  $t_{st} = 4.02$ ,  $d.f. = 16$ ,  $P < 0.0001$ ; P:A  $t_{ex} = 30.6$ ,  $t_{st} = 4.02$ ,  $d.f. = 16$ ,  $P < 0.0001$ ; D:A  $t_{ex} = 0.97$ ,  $t_{st} = 5.04$ ,  $d.f. = 8$ ,  $P > 0.0001$ ). Trial registration (NIRT20120116), January 16, 2012



**Figure 1.** Analysis of the average bioenergy area

However, the bioenergy intensity emitted by the survey participants was measured by an average of 250 measurements (Figure 2): B.Purevsuren 79.17 (31.0%), citizen D. 72.78 (28.5%), citizen A. 73.37 (28.8%) were found. There was a statistically significant difference in the analysis of the average bioenergy intensity of the healer compared to the average bioenergy intensity of citizen D. and citizen A. (P:D  $t_{ex} = 16.44$ ,  $t_{st} = 4.02$ ,  $d.f. = 16$ ,  $P < 0.0001$ ; P:A  $t_{ex} = 14.3$ ,  $t_{st} = 4.02$ ,  $d.f. = 16$ ,  $P < 0.0001$ ; D:A  $t_{ex} = 2.69$ ,  $t_{st} = 5.04$ ,  $d.f. = 8$ ,  $P > 0.0001$ ).



**Figure 2.** Analysis of the average bioenergy intensity

In 2012-2013, Professor J.Batsuur's team studied the bioenergy area and bioenergy intensity of B.Purevsuren 72 times in 36 days before and after treatment. Averages of the bioenergy area and bioenergy intensity of the healer were  $\bar{X} \pm S$

11549.3 ± 672.3;  $\bar{X} \pm S = 75.42 \pm 1.48$  before treatment; while  $\bar{X} \pm S = 11368 \pm 650.2$ ;  $\bar{X} \pm S = 75.14 \pm 1.53$  after treatment. Before and after treatment, empirical distributions of bioenergy area and of bioenergy intensity of the healer almost coincide with the theoretical distributions (Figure 3,4). Trial registration (NIRT20121127), November 27, 2012

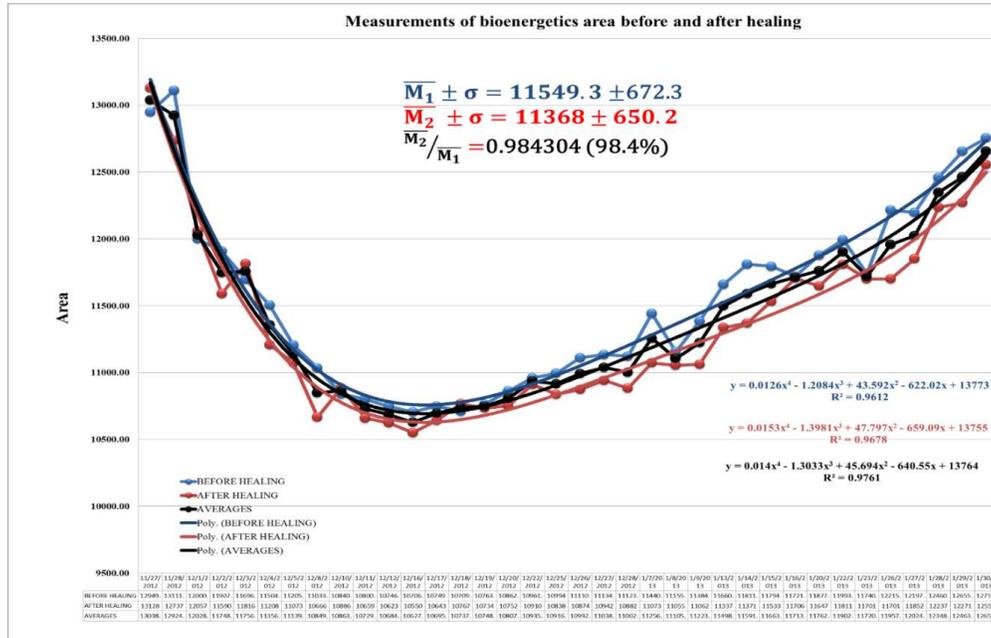


Figure 3. Measurements of bioenergy area before and after healing

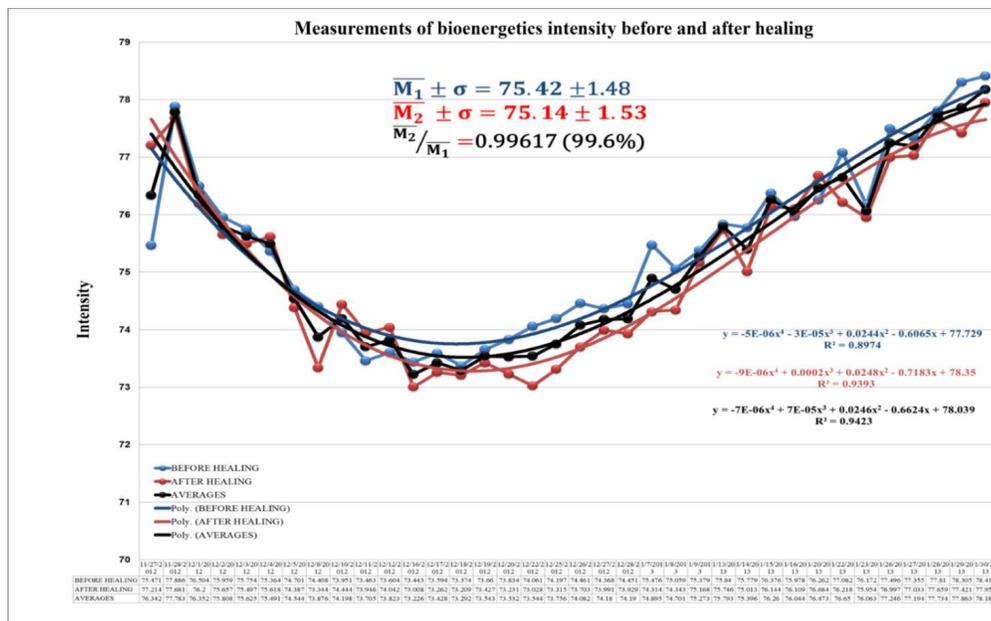


Figure 4. Measurements of bioenergy intensity before and after healing

In two studies, we found a correlation between changes in bioenergy temperature emitted by the healer and people who receiving bioenergy before and at the time of transmission of bioenergy. In the first study, D., a person without cancer, and J., a person with brain cancer, participated and treated at close distance. Before treatment, the average temperature of the healer's face and palms was  $\bar{X} = 35.66^\circ\text{C}$ , and the average facial temperature of the citizens D., and J. was  $\bar{X} = 35.25^\circ\text{C}$  and  $\bar{X} = 35.80^\circ\text{C}$ , respectively. At the end of twenty-minute treatment, the average temperature of the healer's face and palms was

$\bar{X} = 35.66^{\circ}\text{C}$  to  $\bar{X} = 37.16^{\circ}\text{C}$ , the average facial temperature of citizen D. was  $\bar{X} = 35.25^{\circ}\text{C}$  to  $\bar{X} = 36.98^{\circ}\text{C}$  ( $r = 0.92 - 0.97$ ), and the average facial temperature of citizen J. increased from  $\bar{X} = 35.8^{\circ}\text{C}$  to  $\bar{X} = 36.7^{\circ}\text{C}$  ( $r = 0.89 - 0.92$ ) with a direct and strong correlation. Trial registration (NIRT20150708), July 08, 2015 During the second survey, B.Purevsuren provided bioenergy to citizen A. for 34 minutes from a distance of 60 km with various obstacles along the way. As the time increased by one minute in the one-minute survey since the healer began to radiate bioenergy, the heating area on citizen A.'s face and throat increased steadily, and the logarithm of the maximum increase in bioenergy temperature ranged from  $\bar{X} = 37.80^{\circ}\text{C}$  to  $\bar{X} = 38.30^{\circ}\text{C}$ . There was a direct and strong correlation ( $r = 0.61 - 0.81$ , average  $r = 0.71$ ) between the radiant bioenergetic temperature of the healer and the bioenergetic temperature of citizen A. (Figure 5). Trial registration (NIRT20170707), July 07, 2017

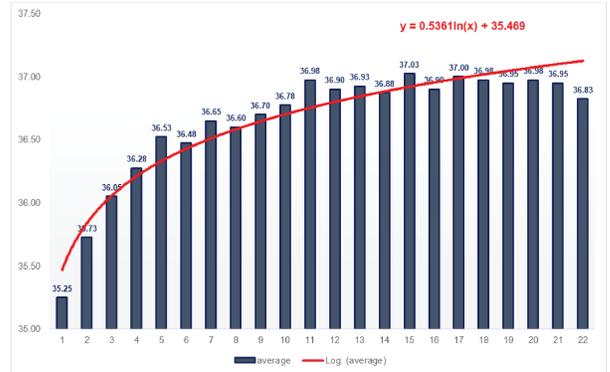
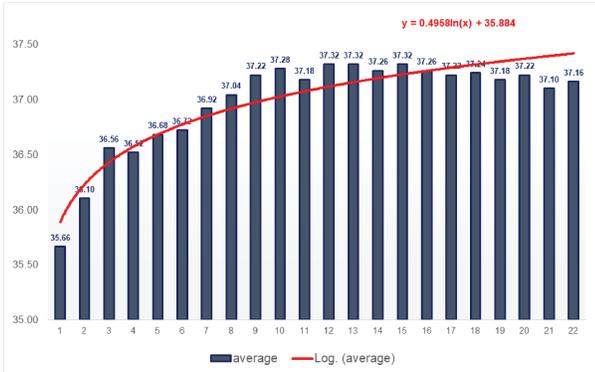
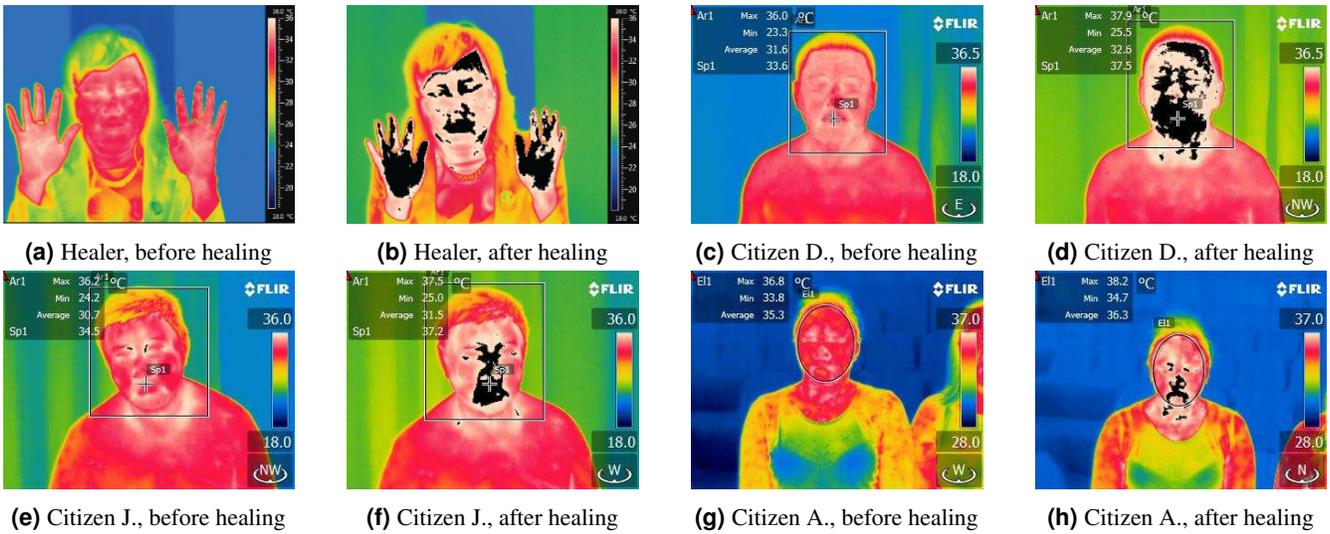


Figure 5. Analysis in bioenergetic temperature

## Changes in cancer sites under the influence of bioenergy

B.Purevsuren's radiant bioenergy is harmless, and it reaches the right place (organs, organ systems) in the right dose. When a patient is exposed to infrared electromagnetic energy and light photons of stimulated electrons, the cancer foci are blocked by hot energy, the body's electron deficiency is compensated, the body warms up, metabolism is activated, and energy and heat production are restored. Our study found that as the number of heat of the healer increased, the previous process deepened, at first the foci of cancer metastasis, and then the main (initial) focus of cancer lose their vascularity and are calcified and eradicated.

From the many cases of various cancers cured by B.Purevsuren's bioenergy, 11 types of cancers that are common in our population have been selected, and only one example representing each of them is presented below. There are dozens of cases treated behind each of these examples.

### Primary liver cancer (Hepatocellular carcinoma)

Patient U. Born in 1962, 60 years old, female. She was diagnosed with "Primary liver cancer with metastasis in the liver and to the left kidney" and came to bioenergy treatment on December 3, 2012. When she arrived, she was easily tired, sleepless, and bloated. Doctors at the National Cancer Center had planned to perform the surgery, but the patient refused the surgery due to the positive outcome of the bioenergy treatment.

According to the bioelectrographic GDV<sup>12</sup> diagnosis, the density of energy field's (aura) area of U. determined by the left, right, and vertical reflections of her body decreased by 14.2%, 21.3%, and 25.7%, respectively, and the energy symmetry between the left and right sides of the body decreased by 6.4%. The balance between emotions and biological body of U. was deeply lost, due to deviations of the energy body's chakras: the eyes (0.01), the throat (1.28), the heart (-0.31), the solar plexus (0.36), the miracle (0.48), and the root chakra (0.54). The electron-density spheres emitted by U.'s ten-fingertips were often scattered, raveled, cracked, and in some cases with additional pendant-like radiation. For example, according to the bioenergy emission data of 48 organs and organ systems, 27 of them showed the bioenergy balance that should be present in a healthy person of that age, and 21 of them showed the state of energy deficiency. It is natural that the difference between the bioenergy levels of the organs and organ systems emitted by the fingertips of the left and right hands of a healthy person who maintains the bioenergy balance is equal to 0.00 or tends to be 0.00.

However, for each of organs and organ systems of U., the bioenergy parameters emitted by the fingertips of the left and right hands are significantly different, which indicates the underlying imbalance of bioenergy radiation has already been formed. In addition, the average level of bioenergy emitted by the fingertips of the left and right hands in 44% of all organs and organ systems was significantly lower than that of healthy people, leading to the bioenergy fatigue (see Supplementary Materials). Thus, the following phenomenon leads to the hypothesis that the genetic homeostatic equilibrium parameters established by the natural law between bioenergy production, reserves and emissions in each of organs and organ systems of U. fluctuate in certain deviations compared to healthy ones. These include: *First*, cancer cells that have lost control of genetic ruling and under conditions of infinite division (proliferation) are in the process of absorbing the bioenergy and heat resources of other healthy organs and organ systems as a source of additional nutrients and spreading (metastasis) to other organs. *Second*, the rate of biochemical reactions in which large amounts of protons, electrons, and heat are stored as a result of biological oxidation from low-energy chemical compounds to high-energy compounds, resulting in the release of protons, electrons, and heat by biochemical reduction. Therefore, the density of bioenergy radiation in the corresponding parts of the ten fingertips of the patient's hands shows scarce, raveling, and cracking in almost all organs and organ systems. *Third*, the bioplasms of cells, tissues, organs, and organ systems have lost their ability to regenerate as a result of these phenomena, and almost all organs and organ systems of U. remain irreparably deficient in electron emission.

U.'s energy intake was measured before and after bioenergy treatment, and the measurement was stopped after 39 sessions, as her bioenergy levels reached healthy levels. As a result of the treatment, the density of energy field's area of U. increased at 5256 in the left reflection (from 25191 to 30447 or 19%), 5161 in the right reflection (from 27455 to 32616 or 21%), and 7095 in the vertical reflection (from 23762 to 30857 or 30%) in pixels. The results of the analysis performed between bioenergy regeneration in the body, organs, and organ systems of patient U. and the healer's bioenergy area, bioenergy intensity are presented below (Table 1).

The energy field diagnosed when patient U. first came to bioenergy treatment gradually regenerated after each treatment and returned to a healthy state. The results of the correlation and regression analysis show the relationship between this phenomenon and bioenergy area, bioenergy intensity emitted by the healer (Figure 6, 7).

According to the regression analysis in bionenergy area, the energy fields (spheres) and their averages of the liver and all other organ systems of patient U., are fully regenerated with a high regression by the radiated bioenergy field of the healer (lines 1-9, 12). In particular, the energy field of her immune system is linearly related to the bioenergy area of the healer (line 8). As the bioenergy area emitted by the healer increased, the cancer site was blocked by infrared photon energy, and the bioplasmic body's structure of the liver and other organs of patient U. was restored, and she no longer lost energy due to abnormal radiation.

| Parameters   | Bioenergy area of the healer |           | Bioenergy intensity of the healer |           |             |
|--|------------------------------|-----------|-----------------------------------|-----------|-------------|
|  | Patient's:                   | Left hand | Righth hand                       | Left hand | Righth hand |
| Liver  |                              | r=0.36    | r=0.51                            | r=0.35    | r=0.46      |
| Cardiovascular system  |                              | r=0.45    | r=0.46                            | r=0.51    | r=0.47      |
| Respiratory system   |                              | r=0.32    | r=0.55                            | r=0.29    | r=0.54      |
| Endocrine system   |                              | r=0.27    | r=0.32                            | r=0.23    | r=0.31      |
| Musculoskeletal system                                       |                              | r=0.25    | r=0.49                            | r=0.25    | r=0.47      |
| Digestive system   |                              | r=0.29    | r=0.40                            | r=0.30    | r=0.36      |
| Urogenital system  |                              | r=0.26    | r=0.38                            | r=0.19    | r=0.34      |
| Nervous system   |                              | r=0.23    | r=0.60                            | r=0.30    | r=0.57      |
| Immune system  |                              | r=0.29    | r=0.04                            | r=0.30    | r=0.03      |
| The crown wheel (chakra)                                     |                              | r=0.31    |                                   | r=0.33    |             |
| The eye wheel (chakra)                                       |                              | r=0.31    |                                   | r=0.32    |             |
| The throat wheel (chakra)                                    |                              | r=0.24    |                                   | r=0.34    |             |
| The heart wheel (chakra)                                     |                              | r=0.26    |                                   | r=0.25    |             |
| The solar plexus wheel (chakra)                              |                              | r=0.38    |                                   | r=0.34    |             |
| The miracle wheel (chakra)                                   |                              | r=0.04    |                                   | r=0.09    |             |
| The root wheel (chakra)                                      |                              | r=0.06    |                                   | r=0.04    |             |
| Energy field's area (in the left and right reflections)      |                              | r=0.10    | r=0.26                            | r=0.14    | r=0.27      |
| Energy field's radiation (in the left and right reflections) |                              | r=0.09    | r=0.09                            | r=0.04    | r=0.05      |
| Energy field's area (in the frontal reflection)              |                              | r=0.27    |                                   | r=0.32    |             |
| Energy field's radiation (in the frontal reflection)         |                              | r=0.01    |                                   | r=-0.09   |             |
| Energy field's total area                                    |                              | r=0.38    | r=0.48                            | r=0.37    | r=0.47      |
| Energy field's total radiation (Entropy)                     |                              | r=-0.09   | r=-0.05                           | r=-0.11   | r=-0.06     |

**Table 1.** Correlation coefficients (r) between the bioenergy parameters of the healer and patient U. Compared percentage of daily energy field of all organs and organ systems radiated from the patient's left and right hands, to the first day, as well as dynamics of the level of energy activity of the chakras, area and entropy of the energy field, and total area, total entropy were studied in relation to the bioenergy area and bioenergy intensity of the healer.

In other words, the entropy is arranged mathematically with a negative (minus) value (line 11) (Figure 6).

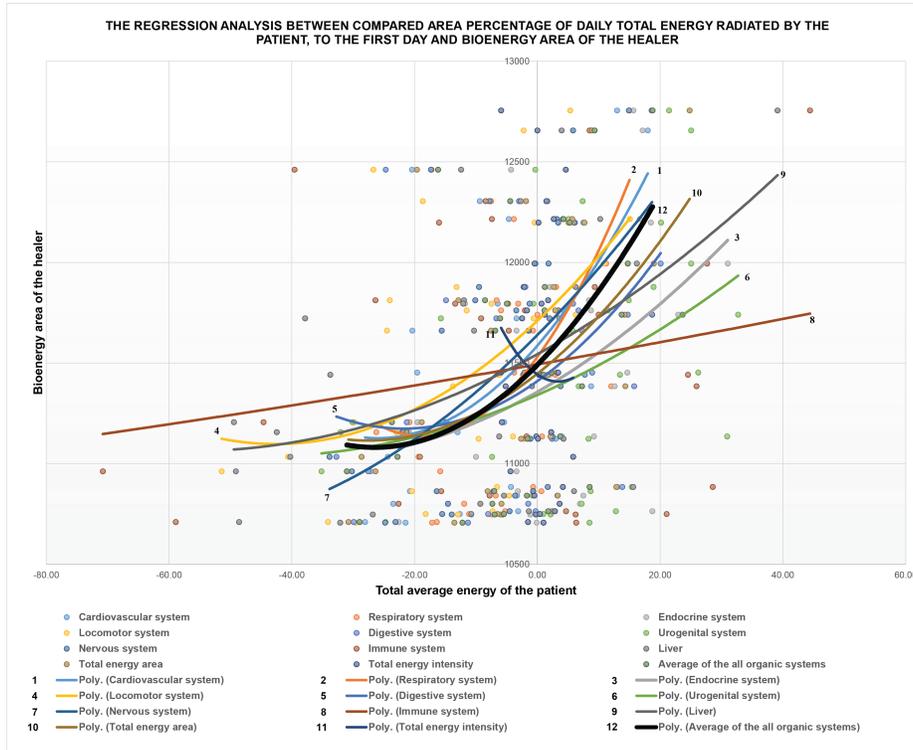
According to the regression analysis in bioenergy intensity, the energy fields and their averages of the liver and all other organ systems, of patient U'. are fully regenerated with a high regression by the radiated bioenergy intensity of the healer (lines 1-9, 12). As the bioenergy intensity emitted by the healer increased, the cancer site was blocked by infrared photon energy, and the bioplasmic body's structure of the liver and other organs of patient U. was restored, and she no longer lost energy due to abnormal radiation. In other words, the entropy is arranged mathematically with a negative (minus) value (line 11)(Figure 7).

As a result of bioenergetic treatment, patient U. lost the primary site of hepatocellular carcinoma of the liver, as well as the secondary site of metastasis to the left kidney, without feeding vessels and did not spread to the liver or other organs. She has undergone bioenergy treatment a total of 600 sessions and is now in good health and working as a teacher. Trial registration (NIRT201201), December 03, 2012

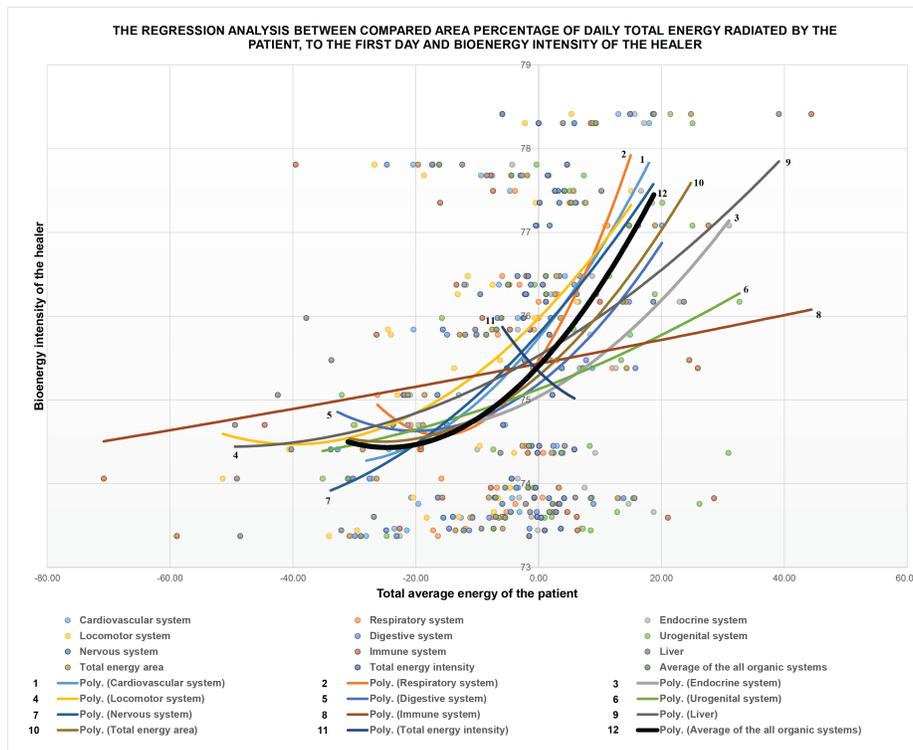
## Brain cancer

Patient Ts. Born in 1998, 24 years old, female. She was diagnosed with "Right ventricular cancer of brain" and came to bioenergy treatment on December 8, 2012. A planned operation was performed on November 5, 2012, but it was not possible to completely remove the cancer, hence a biopsy was done and the operation was completed. At the time of treatment, patient Ts. was very tired, had a headache, fainted, and her left eye could not see.

According to the GDV diagnosis, 96.0% of her organs and organ systems had cracks, fissures, and pendants in the energy radiation sectors, and the symmetry of energy radiation was lost. At the end of treatment, these changes decreased by 4.6 times. The density area of the energy field determined by the left, right and frontal reflections of her body decreased by 40.0% to 55.7% compared to the normal value, and the energy symmetry between the left and right sides of the body decreased by 24.5%. As a result of the treatment, the density area of her energy field increased by 33.4% to 98.4% and the energy symmetry increased by 130.0%. After 588 bioenergy treatments, the energy crisis of her organs and organ systems, which is determined by the level of energy activity of the chakras, decreased by 1.75 to 10.5 times. In addition, the imbalance between the emotions and biological body of patient Ts., which is expressed in the level of activity of the chakras position, decreased by 1.4 to 86.5



**Figure 6.** Regression analysis in bioenergy area



**Figure 7.** Regression analysis in bioenergy intensity

times, and she was completely free from psychological fear. In 74.3% of all her organs and organ systems, energy lost due to cancer is fully restored (see Supplementary Materials).

As a result of bioenergetic treatment, the growth of brain tumor in patient Ts. stopped and the size continued to decrease, from the original 3.3 · 2.1cm to 1.67 · 1.1cm. Hemorrhage and cysts in the brain tissue are also completely absorbed. All her pain was relieved, and the syncope was cured. Now Ts. is in good health and working. Trial registration (NIRT201202), December 08, 2012

### **Thyroid cancer**

Patient E. Born in 1991, 30 years old, female. She was diagnosed with “Thyroid cancer, Stage IV. Cancer metastasis to the right lung and right femur”. On March 15, 2014 and she came in a wheelchair for bioenergy treatment. When she arrived, she had shortness of breath, leg pain, and poor sleep. Her face was tingling, her arms and legs were numb, and her face, eyelids, and paws were twitching. In early August 2013, patient E. fractured her right femur and was nailed. Four months later, she stumbled and fractured her right femur’s head and left femur’s neck. While in the hospital for surgery, she was diagnosed with cancer of the left lobe of the thyroid gland, and it was surgically removed. The oncologist examined patient E. and told her that she had stage IV cancer and that chemotherapy and radiation therapy were not possible and recommended palliative therapy.

According to the GDV diagnosis, 92.0% of her organs and organ systems had cracks, fissures, and pendants in the energy-emitting sectors, and the energy-radiation symmetry was lost. By the end of treatment, these changes were reduced by 80%. The density area of her energy field determined by the left, right, and frontal reflections decreased by 10.8% to 21.5% compared to the normal value, and the energy-radiation symmetry between the left and right sides of the body decreased by 21.5%, respectively. As a result of the treatment, the density of her energy field increased by 6.5% to 11.3% and the energy symmetry increased by 11.0%. After 360 bioenergy treatments, the level of energy activity of her chakras and the balance between the emotions and biological body was completely transferred to the healthy state. The energy imbalance of all her organs and organ systems caused by cancer has been restored by 82.3% (see Supplementary Materials).

Patient E. stopped taking analgesics after 25 treatments and left her wheelchair then started walking with crutches after 60 treatments. As a result of bioenergetic treatment, patient E.’s thyroid cancer, which was diagnosed in the final stage was completely cured, and the foci of cancer that had spread to the right lung and bones were absorbed. Fractures of the hip joint, which do not heal until they are nailed, healed spontaneously. She no longer uses crutches, is in good health and has given birth to her second child. Trial registration (NIRT201203), March 15, 2014

### **Larynx cancer**

Patient D. Born in 1959, 63 years old, male. He was diagnosed with “Larynx cancer with metastasis to the right lung” and was admitted to bioenergy treatment on September 22, 2012. When he arrived, he had a bad cough and severe pain in the right side of his chest. When the diagnosis was first confirmed, the doctor advised him to go for radiation therapy for a month. However, after the start of treatment, he developed a sore throat and was unable to eat or drink, therefore he stopped radiation.

According to the GDV diagnosis, all his organs and organ systems had cracks, fissures, and pendants in the energy radiation sectors, and in some sectors there was no radiation at all. After 549 bioenergy treatments, the energy radiation of organs and organ systems of patient D. were completely restored. The density area of his energy field determined by the left, right and frontal reflections decreased by 44.8% to 64.0% and the energy-radiation symmetry between the left and right sides of the body decreased by 38.3%, respectively. As a result of the treatment, the density of his energy field increased by 42.0% to 121.4% and the energy symmetry increased by 62.1% (see Supplementary Materials).

As a result of bioenergetic treatment, laryngeal cancer of patient D.’ was cured and the metastatic lesions that had spread to the right lung were completely absorbed. Now he is in good health and working. Trial registration (NIRT201204), September 22, 2012

### **Stomach cancer**

Patient A. Born in 1943, 79 years old, male. He was diagnosed with “Stomach cancer” and came to bioenergy treatment on November 10, 2011.

According to the GDV diagnosis, 94.0% of his organs and organ systems had cracks, fissures, and pendants in the energy radiation sectors, and the symmetry of energy radiation was lost. As a result of 650 bioenergy treatments, the level of energy density radiated by his ten fingertips is fully restored. The density area of his energy field determined by the left, right and frontal reflections decreased by 39.6% to 51.2% compared to the normal value, and the energy symmetry between the left and right sides of the body decreased by 24.5%. As a result of the treatment, the density of his energy field increased by 76.5% to 81.5%, and the energy symmetry reached 94.0% or normal. As a result of bioenergy therapy, the energy activity of his chakras decreased by 65.5% to 85.3% compared to when he first came to bioenergy therapy, and the balance between emotions and the biological body reached the level of a healthy person. The energy imbalance of all his organs and organ systems transformed to the state of a healthy person (see Supplementary Materials).

Patient A. underwent surgery on April 10, 2019 due to abdominal bleeding. The doctors planned to remove the entire stomach during the operation, but the tumor in the stomach had hardened like a stone, hence the tumor was removed and the rest was left behind. As a result of the bioenergy treatment, patient A.'s gastric cancer was cured at the site without spreading. He is recovered now. Trial registration (NIRT201205), October 17, 2011

### **Kidney cancer**

Patient R. Born in 1964, 58 years old, female. She was diagnosed with "Right kidney cancer" and came to bioenergy treatment on May 9, 2015. When she arrived, her eyelids and face were swollen, she urinated less often (dysuria), she couldn't hold her urine for a long time, she had a lot of back pain and migraine. Doctors suggested to remove the cancerous kidney surgically, but the patient refused to undergo surgery.

According to the GDV diagnosis, 42.0% of her organs and organ systems had cracks, fissures, and pendants in the energy emission sectors, and the energy-emission symmetry was lost. After 1,050 bioenergy treatments, these changes completely disappeared. The density area of her energy field determined by the left, right and frontal reflections decreased by 13.2% to 20.1% compared to the normal value, and the energy symmetry between the left and right sides of the body decreased by 4.2%. As a result of the treatment, the energy emission symmetry of her energy field reached 94.0% which is considered as normal. The level of energy activity expressed in the position and size of the chakras was slightly altered in the symmetry of the roots, solar plexus, heart, and crown chakras, and the imbalance between emotions and the biological body expressed in the chakra's position was slightly in the roots, heart, solar plexus, and crown chakras. At the end of treatment, the level of activity of the bioenergetic chakras of patient R. decreased by 1.06 to 3.5 times, and the imbalance between the emotions and biological body was completely eliminated. The energy levels of all her organs and organ systems are fully balanced and she is in a healthy state (see Supplementary Materials).

As a result of the bioenergetic treatment, the growth of the tumor located in the upper part of the right kidney of patient R. was stopped and the outer layer of the tumor is formed that separates the surrounding tissue from the tumor site. The blood vessels that supply the tumor are narrowed. All the symptoms such as swelling and back pain have disappeared. Now she is in good condition and doing her job normally. Trial registration (NIRT201206), May 09, 2015

### **Cervical cancer**

Patient O. Born in 1967, 55 years old, female. She was diagnosed with "Cervical cancer, Stage III. Cancer metastasis to the left lymph-glands of the neck" and came for bioenergy treatment on February 23, 2019. When she arrived, she was in critical condition and toxication, could not eat. According to oncologists, "Surgery is not possible. She needs chemotherapy". Accordingly, 6 sessions of chemotherapy advised, but she stopped after 4<sup>th</sup> session due to strong chemical toxication. She had not eaten for a month and couldn't raise her head. After the cancer metastasis to the lymph-glands of her neck, she tried to undergo chemotherapy again, but the treatment was stopped because she had been bleeding from her nose, vomiting and trembling.

The GDV diagnosis revealed that in 98.0% of the total organs and organ systems of patient O., cracks, fissures, and pendants appeared in the energy-emitting sectors. After 115 bioenergy treatments, these changes completely disappeared. Compared to normal, the density area of her energy field determined by the left, right, and frontal reflections decreased by 35.1% to 36.3%, and the energy-emission symmetry between the left and right sides of the body decreased by 6.4%, respectively. As a result of the treatment, the density area of her energy field increased by 31.16% to 50.2% and energy the symmetry increased by 82.8%. There were detected deviations of bioenergy chakras of patient O. from the axis of absolute equilibrium by 0.05 to 0.31, -0.56 to (-0.65), and the level of balance between emotions and biological body from the zero axis by 0.00 to 0.08, -0.01 to (-0.30) respectively. At the end of the treatment, her energy body's crisis was 0.08 to 0.45, 0.00 to (-0.20) from the zero axis, or compared to the initial time, the energy body was restored and fully balanced. In addition, the balance between her emotions and biological body is 0.00 to 0.04, -0.00 to (-0.09), which is basically the level of a healthy person. In 44.0% of all organs and organ systems of patient O., there was a profound loss of symmetry of the energy density difference radiated by ten fingertips. However, after 115 treatments, the deep loss of left and right differences in the symmetry of the energy radiation of her organs and organ systems was equalized, and reached the equilibrium level of healthy person's energy body (see Supplementary Materials).

As a result of the bioenergy treatment, the cancer foci that had spread to a large number of neck lymph nodes of patient O. were reduced and became painless. Her cervical cancer was cured without recurrence, and vascular occlusion in her both legs was significantly reduced. The poisoning is completely resolved and she is in good condition. Trial registration (NIRT201207), February 23, 2019

### **Prostate cancer**

Patient Ya. Born in 1938, 84 years old, male. He was diagnosed with "Prostate cancer. Infiltrated into the back wall of the bladder" and came for bioenergy treatment on November 24, 2012. The diagnosis was confirmed by a biopsy in September

2012 and endoscopic surgery in October. Doctors at the National Cancer Center recommended radiation therapy, but the patient refused.

According to the GDV diagnosis, 75.0% of the total organs and organ systems of patient Ya. had cracks, fissures, and pendants in the energy-emitting sectors. After 1530 bioenergy treatments, these changes completely disappeared. The density area of his energy field determined by the left, right and frontal reflections decreased by 1.7% to 7.9% compared to the normal value, and the energy symmetry between the left and right sides of the body decreased by 1.1%. As a result of the treatment, the energy symmetry increased by 10.7%, but the density area of the energy field decreased by 9.63% to 16.1%. After 1530 treatments, the level of chakras energy activity decreased by 21.3% to 78.3%, and the balance between emotions and biological body of the patient reached the level of a healthy person. In addition, the energy imbalance radiated by the left and right fingertips of patient Ya. was reduced by 74.0%, laying the groundwork for the transition to a healthy human energy system (see Supplementary Materials).

As a result of bioenergy treatment, patient Ya's prostate cancer was completely cured without recurrence. Urinary output is normal, painless, and in good condition. Trial registration (NIRT201208), November 24, 2012

### **Colorectal cancer**

Patient T. Born in 1950, 72 years old, female. She was diagnosed with "Sigmoid colon cancer" and came to bioenergy treatment on February 2, 2013. When she arrived, she was in a serious condition, toxicated, and vomited after drinking water. A week later, she started eating half a cup of noodle soup. Patient T. underwent surgery in December 2012 and had a 10-15 cm sigmoid resection. She started chemotherapy a week after the operation, but after the second treatment, she became deeply poisoned and her condition began to deteriorate. She could not continue the chemotherapy due to severe nausea and vomiting.

According to the GDV diagnosis, 46.0% of the total organs and organ systems of patient T. had cracks, fissures, and pendants in the energy-emitting sectors. After 1710 bioenergy treatments, these changes completely disappeared. The density area of her energy field determined by the left, right and frontal reflections decreased by 9.0% to 11.0% compared to the normal value, and the energy symmetry between the left and right sides of the body decreased by 2.1%. As a result of the treatment, the symmetry of his energy field increased by 1.1%, and the activity level of the energy chakras decreased by 1.74 to 5.80 times. In addition, the level of energy crisis in his organs and organ systems decreased by 87.0% and moved to the level of a healthy person's energy system (see Supplementary Materials).

As a result of bioenergetic treatment, colorectal cancer of patient T. was completely cured without recurrence. The poisoning was resolved and she is in good condition. Trial registration (NIRT201209), February 02, 2013

### **Bone cancer**

Patient D. Born in 1955, 67 years old, female. As soon as the diagnosis of "Left tibia cancer" was confirmed, oncologists planned to perform surgery to amputate the left leg. However, the patient refused surgery and came to bioenergy treatment on January 17, 2015. When she arrived, she had a cane, her left leg was swollen, and was taking large amounts of analgesics. The cancerous part of the left leg was brown and streaked. After three days of treatment, she stopped taking analgesics. The swelling of the leg had disappeared. In addition, thyroid poisoning and heart pain (cardialgia) disappeared.

According to the GDV diagnosis, 56.2% of the total organs and organ systems of patient D. had cracks, fissures, and pendants in the energy-emitting sectors. After 2280 bioenergy treatments, these changes completely disappeared. The density area of her energy field determined by the left, right and frontal reflections decreased by 27.14% to 28.74% compared to the normal value, and the energy symmetry between the left and right sides of the body decreased by 8.5%. As a result of the treatment, the density area of the energy field increased by 8.38% to 17.64%, and the energy symmetry reached 94.0%. In addition, the energy activity of her chakras decreased by 0.53 to 13.9 times and reached the level of a healthy person, and the imbalance between emotions and biological body of the patient decreased by 2.0-21.3 times. At the end of the bioenergy treatment, the energy loss of her organs and organ systems was restored to the level of 89.0% (see Supplementary Materials).

As a result of the bioenergy treatment, left tibia cancer of patient D. was completely cured without surgery and is in good condition. Trial registration (NIRT201210), January 17, 2015

### **Blood cancer**

Patient B. Born in 1989, 33 years old, male. In January 2016, he was diagnosed with myelofibrosis. Myelofibrosis is a form of chronic leukemia, a cancer of the hematopoietic tissue. Doctors advised him to go abroad for a bone marrow transplant. He could not afford to be treated abroad. He came to bioenergy treatment on March 26, 2016 because he found out that the people who had a bone marrow transplant were in poor health. When he arrived, he was bleeding and very tired, and when he touched anything, he had bruises on his body. After 10 treatments, fatigue decreased and the number of blood cells gradually increased. After a month of treatment, nosebleeds stopped completely.

According to the GDV diagnosis, 85.4% of the total organs and organ systems of patient B. had cracks, fissures, and pendants in the energy-emitting sectors. After 540 bioenergy treatments, these changes completely disappeared. The density of

his energy field area determined by the left, right, and frontal reflections decreased by 9.7% to 18.0% compared to the normal value, and the symmetry of the energy body was lost by 1.1%. As a result of the treatment, the density area of his energy field by the left and right reflections increased by 3.0% and 5.0%, respectively, and the density area of the energy field determined by the frontal reflection decreased by 3.5%. But the symmetry of the energy field has reached the level of a healthy person. After 540 treatments, the activity level of chakras decreased by 0.88 to 2.12 times, and the balance between emotions and biological body of the patient was restored to the level of a healthy person (see Supplementary Materials).

As a result of the bioenergy treatment, blood cancer of patient B. was cured and there was no need for bone marrow transplant surgery. The bleeding from the nose has stopped completely and he is in good condition. Trial registration (NIRT201211), March 26, 2016

## Discussion

As a result of our research that lasted for ten years, it has been proven that B.Purevsuren's innate infrared radiation completely cures cancer. We used the following methods in our study. These are:

1. Bioenergy research methods
2. Clinical medicine research methods
3. Mathematical statistical research methods which are the ultimate proof of scientific truth.

In other words, B.Purevsuren's bioenergy treatment proves that there is a perfect cure for cancer by photons of stimulated electrons with human-induced, high-temperature infrared energy.

In cancer, the organism's metabolic processes are disrupted, the biochemical production of electrons, protons, and thermal energy stores is disrupted, and the bioplasm body loses its structural and functional balance. The famous Nobel Prize-winning physicist Erwin Schrödinger wrote in his famous work (1944): "What is life? The Physical Aspect of the Living Cell" is formulated as: "The thing that feeds on living matter is negative entropy". The  $PROTEIN + ATP + K^+ + H_2O$  system, which maintains that "NEGATIVE ENTROPY" as the vital balance of cell life, seems to be disrupted during cancer and the body dies. As the bioplasm body's structural and functional balance deteriorates, the organism's basic physical strength weakens, and the symptoms of homeostasis crisis become apparent through pain, clinical signs, and laboratory tests, and these symptoms fluctuate under the influence of infrared energy and gradually return to normal.

According to the results of our research, when B.Purevsuren, the healer begins to give energy to a person the heat sources formed in her body and emit electromagnetic waves (bioplasma) a system of ions and stimulated electrons which are saturated with long-distance infrared photons. Because long-wavelength infrared radiation is closest to the human body's own thermal radiation, the human body perceives any external radiation of the same wavelength as its own. Thanks to this property of long-wave infrared radiation, the thermal energy of infrared radiation penetrates deep into biological tissues, strongly influencing biochemical processes by altering the bioresonance of atoms and molecules, and stimulating the organism's internal cleansing and healing mechanisms. Modern medical and biotechnological research has shown that long-wavelength infrared radiation is not only safe for the human body, but also improves the immune system, stimulates the regenerative and healthy mechanisms of many organ systems, and is of great importance for the development of all forms of life in the world. So it is called the "ray of life". During the research, it was found that the infrared light emitted by B.Purevsuren reaches any part of the human body without any obstacles and acts in the required dose. The results of her treatment reveal that there is a new scientific way to protect against cancer progression and cancer death with the quantum of infrared energy.

Near-infrared light has the highest photon energy of any infrared light's region. Scientists are looking for a cure for cancer with this wavelength of 700-1400 nm, and experiments are being carried out successfully<sup>131415161718</sup>. Attempts are also being made to use near-infrared radiation for cancer diagnosis<sup>1920</sup>. However, the key issue is how to safely deliver this radiation to the site of the tumor, which is located deep in the tissues and organs of living organisms. Scientists are still studying the possibility of using Carbon nanotubes (CNTs) to solve this problem<sup>212223</sup>. Although carbon nanotubes absorb infrared light and produce heat energy to kill cancer cells, they are highly toxic to the body<sup>22</sup>.

Researchers at the National Health Institute of USA are successfully testing a new method of selective cancer treatment using the Antibody-Photon Absorber Conjugate (APC)<sup>24</sup>. This is a near infrared-photoimmunotherapy (NIR-PIT). They observed that after binding the APC to the cancer cells, the selected cells died when they were irradiated with near infrared light. NIR-PIT can only be used for a small number of antibodies. For example, the study used mesothelin, a protein called glycoprotein, which is secreted on the surface of several high toxicity cancer cells, such as mesothelioma, pancreatic adenocarcinoma, ovarian cancer, and lung adenocarcinoma. Mesothelin is suitable for use as a diagnostic biomarker because it exfoliates from the cell surface into biological fluids such as serum, plasma, and pleural effusions. An antibody (humanized antibody or hYP218) that binds well to mesothelin has been developed and used as an antibody against mesothelin-secreting A431 / H9 cells. The artificial near

infrared radiation certainly destroys cancer cells, but the problem of its safe delivery to various cancer sites located deep in the human body has not yet been fully resolved.

In our study, we found that the bioenergy of the healer not only has anti-cancer effects, but also has some special effects. Here are a few examples:

1. After three treatments, a patient with severe cancer toxication develops a significant improvement in his condition, eats and even walks on his own without the help of others.
2. A patient with brain cancer who had been injected with morphine at four-hour intervals and in combination with other analgesics, experienced pain relief after three treatments and stopped taking any analgesics.
3. A patient who was bleeding profusely due to cervical cancer stopped bleeding after 10 minutes of treatment.
4. A patient with a brain hemorrhage of  $2.4 \cdot 3.1\text{cm}$ ,  $1.4 \cdot 1.0\text{cm}$ , and  $2.5 \cdot 2.3\text{cm}$  due to trauma did not need to undergo surgery after 10 treatments.
5. A 12-year-old boy who had been taking anticonvulsants for more than five years with epileptic faint recovered completely within two years.
6. There are ten cases of women have given birth who had an infertility. Eight cases of frequent miscarriages and miscarriages of artificial insemination were cured. In addition, there are more than 20 cases in which a woman with a medical prescription "not to give birth" has given birth without any complications. Patients B. and O., who were diagnosed with "Brain cancer" and treated with the bioenergy, had two children each and patient P. one child; patient E., who was diagnosed with "Stage IV thyroid cancer and metastasis to the right lung and bones," has given birth to a child.
7. A 31-year-old woman with a diagnosis of autoimmune hepatitis (lysis of liver cells) had jaundice and long-term hormone therapy was ineffective. Under the influence of bioenergetic treatment, jaundice completely disappeared and the disease did not recur.
8. A one-week infant had meteorism (tympanitis) and was unable to pass stool, so the stool was passed through a tube. Doctors diagnosed him with Hirschsprung's disease and planned to operate on him. However, his parents refused the operation and turned to the healer. After the first day of treatment, the meteorism was eliminated, and on the fourth day of treatment, the stools began to pass spontaneously and healed completely.
9. B.Purevsuren heals by transmitting bioenergy from a distance. A Mongolian woman living in Japan suffered from breast pain for two months and had to undergo surgery. The healer began to focus and energize her photo. The patient's pus filled lump of the breast opened that night and 700 g of pus was drained. Then she was healed without surgery.
10. There are many cases where a patient who has received bioenergy treatment for a certain period of time has no pain until the end of his life, even though the cancer is hopeless.
11. Such phenomena are common like when B.Purevsuren pulls, pushes, and moves from right to left with both hands, people standing at a distance of 2-3 meters may reel on their feet with the healer's hands, or swing their body back and forth, and walk long distances without their control. This condition is more pronounced in patients who are rapidly improving under the influence of the bioenergy treatment. In nervous paralysis, the "energy pulling" has a strong effect and speeds up the process of coming senses. In nervous paralysis, the "energy pulling" has a strong effect and speeds up the process of recovery.
12. The age of 26 patients who were referred to "palliative care" for advanced cancer has increased by 7-20 years and are now alive.

## Materials and Methods

### Population samples

We collected data between 2011 and 2020 during our research at the National Institute for Scientific Research and Treatment of Bioenergy, Mongolia. The bioenergy emissions of the healer and two relatively healthy men and women of similar age were recorded 250 times each using the Ecotester, and averages of their bioenergy area and bioenergy intensity were calculated. Twelve cancer patients were included in the study on their own initiative to determine the effectiveness of bioenergy treatment. To find out how the bioenergy of the healer can affect diseases other than cancer, observations have been made among more than ten thousand patients over a decade.

This study is approved by the ethics committee of the National Center for Anthropology, Mongolia (Approval Number: 2011NIR01). Patients were fully informed of the study details and signed the informed consent forms of their own accord.

## Bioenergy research methods

In this study, we used the Gas Discharge Visualization (GDV) technique<sup>12</sup>, which is a complete analysis of the state of the human energy body or bioplasm body. "GDV compact" is a device that measures the distribution of electron density in the organ systems of human body and the flow characteristics of stimulated electrons. Information about the energy level of each organ of the human body is transmitted through the channels of the internal structure of the body through the fingertips of ten fingers, in simple words, in the form of gas invisible to the naked eye. When the gas emitted through the fingertips is passed through the electromagnetic field generated inside the GDV instrument, there is an electricity phenomenon like the great light and electricity that we see during thunderstorms. As a result of many years of research to visualize and quantify such electricity, a new scientific method has been developed to express the energy and information systems of every organ of the human body and hole body in detail images and in numbers<sup>25</sup>. The GDV diagnosis gives the following results in five ways, expressing the current state of the human energy body. These include:

1. *Radiation map of ten-fingertips.* When the gas emitted from the fingertips is electrified, the ten-fingertips is divided into 6-9 sectors, and in each sector there is a map of the bioenergetic level of certain organs and organ systems. Based on the mapping of each sector, it is possible to diagnose pathological changes in the corresponding organs and organ systems. The bioenergy emitted by the ten-fingertips of a healthy person is continuous, and the area of the fingertips is round.
2. *Energy field (aura) map.* The aura of the human body is an electromagnetic field that integrates the electronic densities of all organ systems. The "GDV compact" device takes pictures of the aura in three reflections: frontal, right and left. When the bioenergy level and equilibrium of the human body is normal, the image of the aura is uniformly spherical in all reflections, the edges of the inner blue layer are smooth and radiate evenly to the outside, and the radiance of the outer pink and yellow layers is also uniform. These layers of the aura radiation are considered normal if there are no interruptions or excessive radiation. When a bioenergy crisis occurs in the body due to any disease, the size, uniformity, and symmetry of the bioenergy level of the aura are lost.
3. *Bioenergy chakras.* Every cell, organ, and organ system in the human body belongs to a specific chakra in terms of bioenergy. The root chakra (Muladhara), the miracle chakra (Svashisthana), the solar plexus chakra (Manipura), the heart chakra (Anahata), the throat chakra (Vishuddhi), the eye chakra (Ajna), and the crown chakra (Sahasrara) make up the bioenergy subcenters. The bioenergy chakras of a healthy person are centered on the symmetrical line connecting the left and right sides of the human body with no deviation to the right or the left. The energy crisis of an organ or organ systems is determined by the level of energy activity of the chakras, while the level of activity of the chakra position assesses the balance between the emotions and biological body.
4. *Levels of electronic density of organs and organ systems.* The electronic density of all organs and organ systems, the total area, and the total entropy are measured in the fingertip sectors of the left and right hands, and the numerical results of the left and right averages and differences are tabulated. The difference between left and right sides bioenergy radiation in a healthy person should theoretically be zero. The difference of numerical results between the left and right sides' bioenergetic radiation is different from zero, but with a green background, it is considered normal for a person of that age. The difference of numerical results between the bioenergetic radiation on the left and right sides of the body is different from zero, which means that the yellow background is higher than the energy reserve, and the pink background indicates that the energy reserve is depleted.
5. *Polygon imaging of the left and right sides of the human body.* The level of electron density emitted by the 10 fingertips of the left and right hands is calculated for each of the relevant organs and expressed in a special polygon with the help of a circle. Theoretically, the electron density level of all organs and organ systems of perfectly healthy human body should be located in the middle of the green band inside the circle. The location of the red line at an angle to the outer edge of the green area and then to the yellow area indicates an increase in energy expenditure due to the overload of the organs or organ systems. The location of the red line at an angle to the inner edge of the green area and then to the pink area indicates that the energy storage and regeneration tends to stagnate due to the overload on the organs and organ systems (see Supplementary Materials).

Changes in the temperature of bioenergy emitted by B.Purevsuren before and at the time of transmission bioenergy, as well as changes in the body temperature of the people who are at a certain distance to receive bioenergy from her, before and at the time of receiving bioenergy measured using an infrared camera (FLIR brand, Federal Republic of Germany).

## Clinical medicine research methods

Clinical research data were compiled through a detailed medical history questionnaire (Anamnesis morbi and Anamnesis vitae) obtained from each patient in our study and a physician's examination. Each patient was given a personal card and his or her

physical changes were regularly recorded. In most cases, the clinical diagnosis of patients is fully confirmed by computed tomography, magnetic resonance imaging tomography, and endoscopic and ultrasound examinations, as well as laboratory and biopsy examinations. These tests were repeated during and at the end of the bioenergy treatment and analyzed.

### **Mathematical statistical research method**

During bioenergy treatment and research, we used mathematical statistical methods to perform a detailed analysis to determine the relationship between the bioenergetic parameters of the healer and the patients. In other words, B.Purevsuren's bioenergy radiation temperature, bioenergy field and bioenergy intensity were studied in relation to the bioenergy radiation temperature of the patients and the changes in the bioenergy radiation in the organs and organ systems.

## **Declarations**

### **Ethics approval and consent to participate**

This study is approved by the ethics committee of the National Center for Anthropology, Mongolia (Approval Number: 2011NIR001). Patients were fully informed of the study details and signed the informed consent forms of their own accord. A statement on the informed consent was as follows:

Annex#1 of the Joint Scientific Council Meeting of The  
National Center for Anthropology and The National Institute  
for Scientific Research and Treatment of Bioenergy, dated  
April 13, 2011

### **INFORMED CONSENT FORM**

Number:

### **Sending you our warm greetings.**

We are the joint research team of The National Center for Anthropology and The National Institute for Scientific Research and Treatment of Bioenergy.

Human bioenergy research has attracted a great deal of global attention in recent years, and many scientists have succeeded in this field. However, the secrets of scientific basis and the results of bioenergy therapy have not yet been fully revealed.

Thus, The National Center for Anthropology and The National Institute for Scientific Research and Treatment of Bioenergy have started to work together to initiate research in this field in Mongolia and to study the results of human-natured infrared energy therapy. Professor and Science Doctor (Sc.D) in Anthropology BATSUURI Jamiyan, the director of The National Center for Anthropology, has been leading the research team.

We inform you of the following in connection with the above.

You are being invited to take part in this research because we feel that your sincere participation in this research and provision of true and accurate information would be a valuable contribution and good deed in revealing the scientific secret of bioenergy therapy and using the bioenergy therapy practice for the healthy living and wellbeing of not only Mongolians but also the humankind.

Your participation in this research is entirely voluntary. It is your choice whether to participate or not. If you agree to the following terms, you can take part in our research. And you may change your mind later and stop participating even if you agreed earlier.

1. You will be offered bioenergy therapy 20-25 times without interruption from the date of registration in the research.
2. We will measure your bioenergy level by the "GPV Compact" bioenergy level measuring device: in particular, once at the beginning and the end of the research, then every 5-10 days during the research, and before or after each treatment, if necessary.
3. At the beginning of the research, you will be advised to be tested at a medical laboratory and a hospital so that we will be able to clear your *main* and *subsidiary diagnosis*, and monitor the treatment results during the research.
4. You are advised not to take any other medicine or treatment during bioenergy therapy.
5. You are required to provide only true and accurate information for the clinical research documentation relevant to your diagnosis.

**Risks:** Your participation in this research will bring no health risks.

**Confidentiality:** The research team will maintain the confidentiality of data with respect to both information about the participant and information that the participant shares. The information collected under the research will be used only for scientific purposes. When publishing the research result, we will not be sharing personal information about the participant.

**Reimbursement:** We will not pay you for your participation in this research. We will measure your bioenergy level by using “GDV Compact” bioenergy measuring device at no charge.

**Consent from the participant:** As I have read the foregoing information and understand the purpose of the study. I consent voluntarily to be a participant in this study.

Print Name of Participant:

Signature of Participant:

Date:

Thank you for your participation in this study.

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### **Consent for publication**

For the publication, written consents were obtained from patients.

### **Availability of data and materials.**

All data generated or analysed during this study are included in this article and its supplementary information files.

### **Competing interests**

The authors declare that they have no competing interests.

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### **Authors' contributions**

Enkhmaa Erdene-Ochir, Batsuuri Jamiyan designed research; Enkhmaa Erdene-Ochir, Batsuuri Jamiyan, Munkhbaatar Chinbat conducted research and analyzed data; Enkhmaa Erdene-Ochir wrote the manuscript. Munkhbaatar Chinbat did all computer calculations and prepared supplementary files. All authors read and approved the final manuscript.

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