

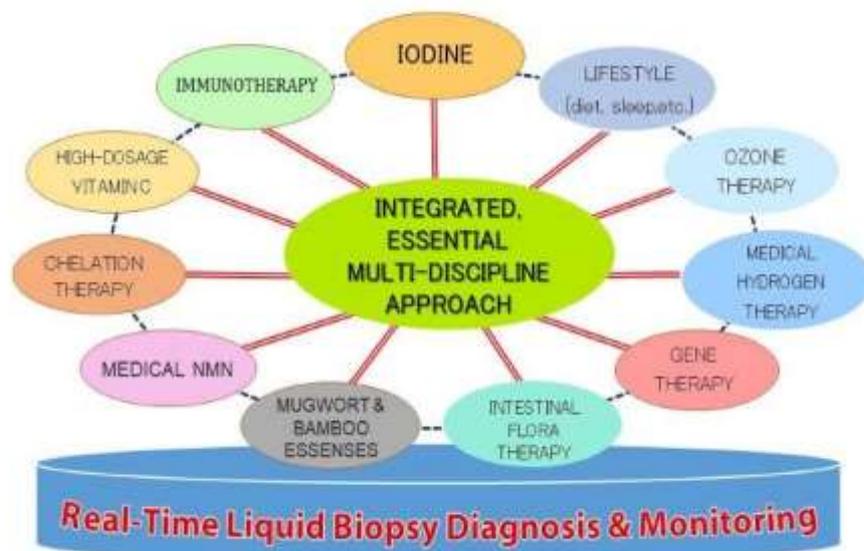


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再生医療

第2種幹細胞療法 / 第3種がん免疫細胞療法

Integrated, Essential Multi-Discipline Approach to Cancer



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1. Summary

What is a real and effective "Cancer Treatment" and why are "Cancer Refugees" on the increase?

Cancer is known to be a difficult disease to treat because of its two characteristics: Cancer is hard to diagnose until it reaches a certain size, and it tends to metastasize and recur even if treated.

Especially for advanced or terminal cancers, surgery, chemotherapy, or radiation therapy, which are known as standard treatments (three major treatments) are almost ineffective. Even when performing "multidisciplinary treatments" that combine good points of all these treatments often fail.

First, let us realize the fact that standard treatments alone do not cure. Unfortunately, the treatment effects of "advanced cancers" and "end stage cancers" have hardly changed as compared to that of 30 years ago.

Some recent cancer treatments have been spotlighted as advanced treatment alternatives to these standard treatments. For example, in addition to "immune cell therapy" and "immune checkpoint inhibitor therapy", various "therapies" utilizing the function of immune cells are being performed.

However, even cancer cell therapy, life expectancy can only slightly be extended when compared to anticancer drugs. Immune checkpoint inhibitor therapy, which therapeutic effect on cancer is about 10%, which is lower than expected, and usually with serious side effects.

The use of new drugs called molecular targeted drugs has been increasing, but in the case of terminal cancers, it is only possible to extend the life expectancy a little as seen in cancer immune cell therapy.

Treatment using proton beams and heavy ion beams are also being performed as advanced medical treatments, but results can only be expected to be effective for "localized cancer." This means cancer that has not metastasized or that can be removed by surgery. However, they are completely powerless for "advanced cancers" and "end-stage cancers."

"Cancer Refugees" are increasing. Researchers around the world are working on new therapies, but there is no sign of a drop in cancer morbidity or mortality.

The Ministry of Health, Labor and Welfare announced in January 2019 that the number of people diagnosed with cancer in 2016 was 995,000, a new record high, and cancer is still the leading cause of death in Japan.

A New Idea of

"Creating an environment where cancers find difficulty to live "

Cancer is born and grows to some extent. If cancer can be found at that early stage, the cancer is curable. But is it really that only early cancers can be treated? We must be more flexible and first we have to look into the etiology and pathogenesis of cancers.

Why are cancer cells born? Why do cancer cells grow? Why can't immune cells, which originally suppress cancer cell proliferation, eliminate cancer cells?

One of my thoughts in treating cancer is to create an environment where cancer finds difficulty to live. If the mechanism by which cancer is born and grows can be elucidated, it will be possible to prevent its onset, metastasis, and recurrence by inhibiting that process. Furthermore, if you maintain a body environment where cancer does not come close, you will not get cancer.

The development of "Integrated Essential Multi Discipline Approach to Cancer" was initiated based on the awareness and consciousness, and usage of resources accumulated.

"Integrated Essential Multi Discipline Approach to Cancer"

will bring to human beings a new future vision of a world without cancers.

It can be said that "Integrated Essential Multi Discipline Approach to Cancer" is one of the so-called "multidisciplinary treatments" in terms of cancer treatment. Of course, it is completely different from the standard multidisciplinary treatments. This is a multidisciplinary treatment that assesses the characteristics of various cancers and launches attacks from all directions.

But that's not all. The latest liquid biopsy test, which never misses early cancers and never misses metastasis or recurrence, is also used as a pillar of our "Integrated Essential Multi Discipline Approach to Cancer" tactics combined with multidisciplinary treatments.

In addition, we will check and review our dietary and other aspects of life, thoroughly improve the environment in which cancer is easy to live in, and change the mind and body to make cancer difficult to live in.

"Integrated Essential Multi Discipline Approach to Cancer" is a treatment that fundamentally reverses the current concept of cancer treatment.

The future image will be, whether it is terminal cancers or metastatic cancers, mankind will overcome it and will not be afraid of it. The Key is with our "Integrated Essential Multi Discipline Approach to Cancer"

To patients with terminal cancers who have been declared incurable by standard treatments by a doctor. Do not give up! There is a combination therapy of "Integrated Essential Multi Discipline Approach to Cancer" and liquid biopsy for cancer advocated only by Dr. Andy's Clinic.

In many cases, as early as two weeks after treatment for terminal cancers, highly aggressive cancer cells disappear from the bloodstream. This is the "Integrated Essential Multi Discipline Approach to Cancer" where cancer flees from your body!

2. Integrated Essential Multi Discipline Approaches to Cancer (IEMDA)

Integrated, Essential Multi-Discipline Approach to Cancer



[Iodine (Dr. Andy's Iodine LF)]

The antitumor nature of iodine has two effects, "direct effect" and "indirect effect". In "direct action," the oxidation / antioxidant properties of iodine disrupt the mitochondrial membrane potential, causing mitochondria-mediated apoptosis (programmed cell death). And "indirect effect" is an effect on the regulation of the expression of genes related to proliferation of cancer cells. As a result, it inhibits the growth of cancer cells, induces apoptosis, and promotes normal differentiation. Most notably, it has been shown to inhibit the metastatic potential of cancer.

[Life-Style, Diet Therapy, Sleep]

As mentioned in the section on intestinal flora, reviewing the diet, improving the cancer constitution, and rebuilding the body to overcome cancer are extremely important for cancer treatment. Improving cancer constitution is thus the basis of cancer treatment. Specifically, meat eating should be reduced as much as possible, adults should refrain from milk, and switch to a diet high in fiber. It is also important to avoid eating foods that are high in additives and to eat foods with high antioxidant activity. Let's remove harmful active oxygen and return the body to a healthy state. Adequate and good sleep pattern is essential to increase immunity through secretion of various hormones. In cancer-based integrated medicine, a variety of approaches can be used to improve the cancer constitution.

[Immune Cell Therapy]

Our hospital is a public medical institution that has been licensed for Type 3 regenerative medicine and other technologies. Therefore, we can suggest and implement the most appropriate immune cell therapy for the patient.

[High-Dosage Vitamin C Therapy]

It is well known that Vitamin C has a strong antioxidant effect and is a very effective ingredient for women's anti-aging, such as skin whitening and anti-acne.

However, it is not well known that vitamin C has a strong anticancer effect. In fact, vitamin C is similar in structure to glucose, a favorite of cancer cells, so if cancer cells have vitamin C around them, cancer cells will mistakenly take up vitamin C as glucose. Incorporated vitamin C induces apoptosis in cancer cells and kills the cancer cells. The specific treatment is intravenous administration of high concentration of vitamin C.

[Massive Hemoautologous Ozone Therapy]

High-dose autologous ozone therapy is a treatment that gives an appropriate oxidative stress to the body, thereby enhancing the immune function and expecting the effect of activating anti-cancer immunity. Specifically, about 100 mL of blood is taken in a bottle, and medical ozone gas is added to oxidize the blood, and then returned to the body by infusion. In our hospital, we perform at 1000ml of blood for Ozone Therapy, each ml of blood is infused with 80 micron of ozone.

It is appropriate to receive treatment about once a week. At my clinic, most cancer patients are also receiving high-dose autologous blood ozone therapy. By using it

[Medical Hydrogen Inhalation Therapy]

In recent years, hydrogen has noticed as a potential benefit for various diseases and aging care. Hydrogen water is currently introduced not only in beauty clinics, but also in dentists and sports clubs, and is used very widely.

There is increasing evidence that inhalation of hydrogen gas therapy for cancer patients leads to favorable therapeutic effects. Therefore, it is used as one of the important therapies in "Integrated Essential Medicine" for cancer. Together with "Dr. Andy's Iodine LF ", you can realize the effect more.

[Chelation]

In recent years, due to various environmental pollutions, harmful heavy metals such as lead and mercury have been mixed into air and food in a very small amount, and we are unknowingly ingesting harmful heavy metals.

When harmful heavy metals accumulate in the body, reactive oxygen species increase and adversely affect cell functions. As a result, it may cause high blood pressure, arteriosclerosis, abnormal immunity and cancer.

In "Integrated Essential Medicine" for cancer, "chelation therapy" that eliminates such heavy metals accumulated in the body is also recommended as one of the adjuvant

therapies.

Eliminating the harmful components that have accumulated in the body in advance also contributes significantly to "building a body where cancer is difficult to live".

[Cancer Gene Therapy]

Cancer gene therapy is a revolutionary treatment that eradicates cancer cells by sending artificially synthesized tumor suppressor genes to cancer cells in the body by infusion. Unlike anticancer drugs, there are almost no side effects. It is also very useful for preventing recurrence and metastasis.

In principle, the treatment is done on outpatient basis. The treatment is about 8 to 12 times per course, and for patients from remote locations, intensive treatment can be performed in a short period of time. We can propose a reasonable treatment plan considering the general condition of the patient.

[Intestinal Flora]

More than 100 trillion types of microorganisms, mainly bacteria, live in the intestine and form a group called intestinal flora.

In recent years, it has become clear that intestinal flora plays a major role in our health, helping to digest and absorb food, making certain vitamins, and regulating immune function.

On the other hand, modern carnivores, diets full of additives, disturbed sleep cycles, and stressful lifestyles can be the major factors that greatly disturb the intestinal flora balance. As a result, various chronic diseases such as cancer are more likely to occur.

Therefore, it is very important to fundamentally reconsider your eating habits to avoid excessive carnivores, excessive sugar content, and foods that contain a lot of additives, and to eat a diet that contains a lot of fiber that helps your intestinal flora to recover.

[Plant (Mugwort & Bamboo Essences)]

It is said that plants contain ingredients that cure all diseases, and it is also known that wild animals instinctively consume certain plants when they become sick.

We have used plants in traditional Chinese medicine since ancient times, but their value has become less important due to the rapid progress in Western medicine in recent years.

However, in recent years, the number of chronic diseases that are difficult to treat has increased, and the resilience of nature, especially plants, has attracted attention.

In Japan, mugwort and Kumaizasa have been traditionally used for health since ancient times.

We focused on Kumaizasa, which grows naturally in the wilderness of Hokkaido, and Hokkaido's unique *Artemisia* (called as Ooba Ezo Yomogi: *Artemisia montana*), which is not west of Honshu.

Artemisia extract contains sesquiterpenes, various polyphenols consisted of mainly flavonoid compounds, and chlorophyll. Kumaizasa extract contains polyphenols including flavonoid compounds of type different from mugwort, and oligosaccharides.

In particular, polyphenols are overwhelmingly higher than other plant extracts. Flavonoid and sesquiterpene compounds have been reported to have antibacterial, antiviral, immunomodulatory, antitumor, antioxidant, anti-inflammatory, anti-allergic, and wound healing effects. In addition, the oligosaccharides contained in Kumizasa extract activate the intestinal flora and are expected to improve the environment. It also has the effect of raising body temperature deep inside the body, which cancer cells dislike.

The mugwort and Kumizasa harvest only young leaves in early summer from May to June, cut and dry, extract almost all components under high-temperature and high-pressure subcritical water conditions, concentrate and mix as an extract.

[Medical NMN]

Promotes vascular health and blood flow, improves muscle endurance and strength, protects against heart disease, lowers risk of obesity, enhances maintenance of DNA repair, increases mitochondrial function.

[Liquid Biopsy: Diagnosis & Monitoring]

Ultra-early diagnosis of cancer and real-time monitoring of treatment effect by liquid biopsy

Liquid biopsy is a revolutionary non-invasive test that directly detects blood circulating cancer cells (CTCs) by collecting blood, unlike normal biopsy tests, which sample part of the cancer tissue directly.

Liquid biopsy tests determine the number of CTCs, whether they are alone or in a cluster, and whether they are accompanied by associated cells such as leukocytes and platelets. This makes it possible to diagnose the progress of cancer tissue and the grade of cancer.

In essential integrated medicine for cancer, this non-invasive liquid biopsy monitors the movement of cancer cells in the blood in conjunction with treatment, and determines the therapeutic effect on cancer in real time. As a result, it is possible to switch to the appropriate treatment method as appropriate.

3. How the world would change with our "Integrated Essential Multi Discipline Approach to Cancer"?

In 2018, I established the Medical Corporation Dr. Andy's Clinic. The aim was to provide "better treatments", focusing on the areas of early detection, treatment, prevention, and regenerative medicine.

The motivation was the complaints from many cancer patients. These patients are those with terminal cancers, so-called "cancer refugees". They are at a loss because they were declared untreatable by their doctors. Therefore, they cannot stay in the hospital and discharged against their will.

In Japan, there is a standard treatment for cancers. Nevertheless, why are patients suffering from cancers going away?

"My mission, who has accumulated a lot of knowledge, is to solve that problem." I decided so and decided to devote my future life to cancer treatment. But what exactly should we do to cure cancer completely?

I have faced many terminal cancer patients. I gradually began to be suspicious about standard treatments. Eventually, I became more convinced of the fact that complete cure of terminal cancers was not possible with standard therapies, and a combination of several new ideas was required.

The combination therapy we have researched and developed is "Integrated Essential Multi Discipline Approach to Cancer" for cancer. I have energetically absorbed knowledge and skills in many fields to develop these treatments.

I have experienced critical care treatments, anesthesiology, traumatic centers, orthopedics (tumor outpatient), plastic surgery and microsurgery. And I have deepened my learning about new possibilities of medicine, such as cell culture research, immune cell culture research, and research on transdermal drug delivery system (TDDS).

"What kind of treatment can save lives?" I have found my answers by exploring various medical fields and have been exploring it. I have also taken great care of people-to-people connections. Therefore, it was easy to get the skills from "the best doctors in the world".

Therefore, "Integrated Essential Multi Discipline Approach to Cancer" for cancer is possible, and many treatments can be provided efficiently. Of course, each treatment is updated daily.

For this reason, we have introduced state-of-the-art equipment and machines, and are constantly improving our formulation methods.

We have also set up a lab in Toronto, Canada, where experts from various fields conduct daily research.

In other words, the results of research and development conducted in collaboration with scientists are reflected in "Integrated Essential Multi Discipline Approach to Cancer" for cancer. Our new approaches have remarkable effects the majority of cancer patients. Of course, it is not limited to treating terminal cancer. Liquid biopsy testing has enabled extremely early detection of cancers, and has been highly evaluated.

I feel that our mission is to eliminate the anxiety and fear of cancer from society. The number of end-stage cancer patients abandoned by physicians and declared incurable by the three major treatments does not tend to decrease at all. Don't give up! There is a combination therapy with "Integrated Essential Multi Discipline Approach to Cancer" and liquid biopsy for cancer advocated only by Dr. Andy's Clinic.

This is an Integrated Essential Multi Discipline Approach where cancer flees! Only "Integrated Essential Multi Discipline Approach to Cancer" has the potential for humanity to overcome cancer.

And last but not least, if this combination therapy of "Integrated Essential Multi Discipline Approach to Cancer" and liquid biopsy spreads globally, it will be a complete treatment for terminal cancers and will surely be used as a method for detecting cancers at an early stage too. Then the day the cancer disappears from the world will not be so far away.



Andrew Wong, MD PhD CEO (Dr. Andy's Clinic Inc.)

1981	Graduated from Dept. of Medicine, National Gifu University, Awardee, Japanese Ministry of Education and Labor Special Scholarship for Foreign Researchers.
1986	Graduated from Dept. Orthopedic Surgery, Tumor Research Group, National Gifu University Graduate School, (PhD in Cancer Treatment & Immunotherapy)
1989	Establishment of Dr. Andy's Clinic of Plastic & Reconstructive Surgery and Advanced Cancer Treatment.
1986	Clinical work at National University Hospital, Plastic & Reconstructive Surgery.
2020	Researcher registration number 40903026

Board Certified, Japan Regenerative Medical Association,

Board Certified, Japan Cosmetic & Esthetic Society

Japan FDA's Authorized Medical Institution (under Act of The Safety of Regenerative Medicine)

Class 2 Stem Cell Therapy "Chronic Pain Treatment with Adipose-Derived Mesenchymal Stem Cells"

Chronic Pain (Jpn. License # PB 3190020)

Diabetes Mellitus (Jpn. License# PB 3200114)

Class 3 Cancer Immune Cell Therapy for "Cancer"

Affiliated Medical Associations

Japan Regenerative Medicine Society

Japan Cancer Association

Japan Cancer Medical Association

Japan Clinical Cancer Society

Japan Cancer Metastasis Society

Japan Society for Iodine Research

Japan Preemptive Clinical Medicine Association

Japan Ortho Molecular Medical Society

International Gene, Immuno-Pharmacology Association

Japan Umbilical Placental Medical Research Society

Japan Cancer Circulatory Medical Association

Japan Anti-Aging Medical Association

Japan Human & Pet Animal Medical Research Society

Japan Locomotor Transplant & Regenerative Research Society

Japan Apheresis Society

World Academy of Anti-Aging & Regenerative Medicine

APSAM PRP Research Society

Japan Cosmetic & Esthetic Society

French Society for Mesotherapy

Japan Orthopedic Surgery Association

Japan Plastic & Reconstructive Surgery Association