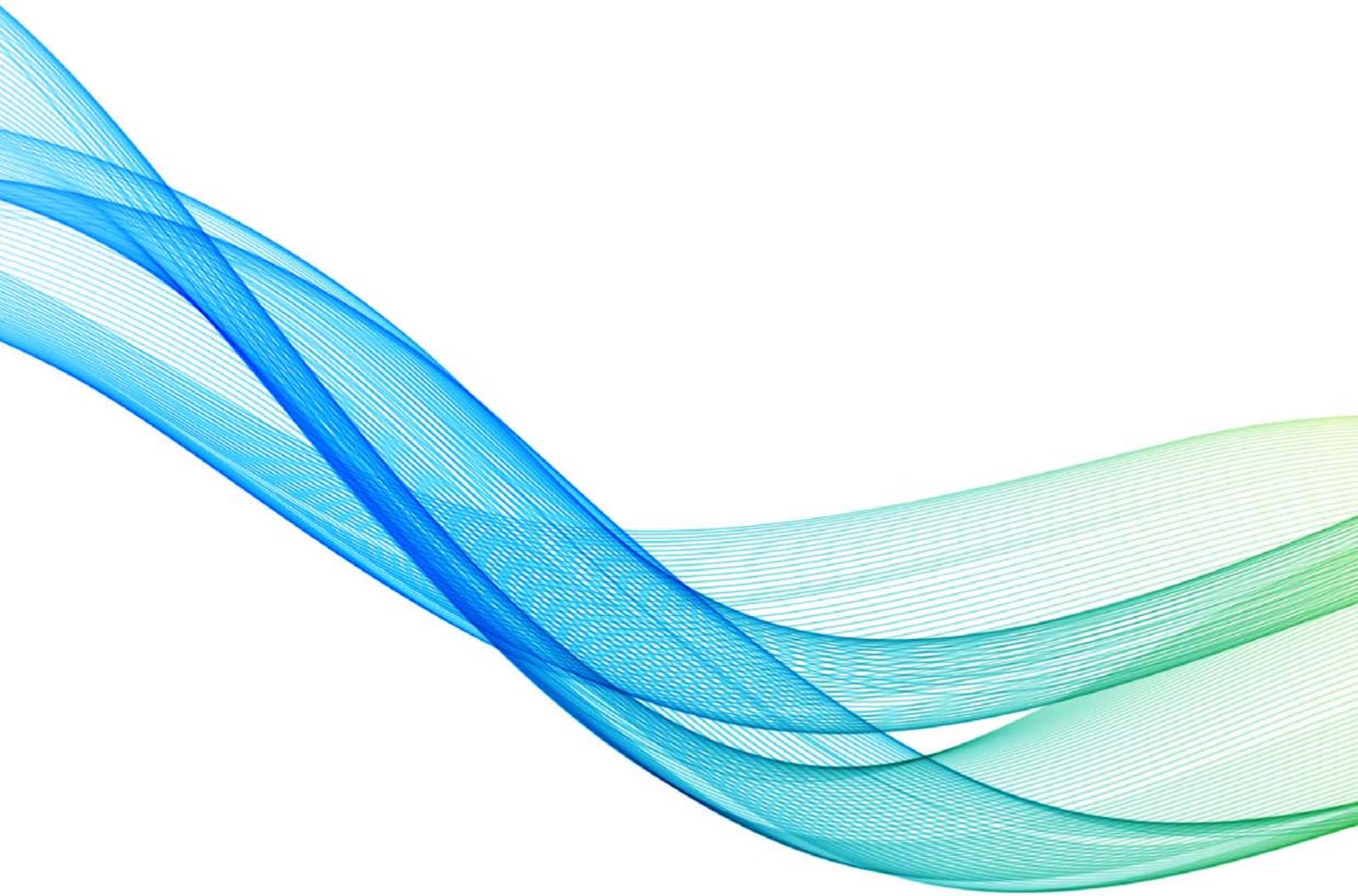




Up-To-Date Information



■ Up-To-Date Information!

Visible light is new-way for 21C medical treatment!

Self healing power and Full spectrum visible ray

With the irradiation of carbon light, carbon and all kinds of elements mixed in the carbon rod are burnt and turn to be light "energy" with ray, then it penetrates deeply into the body, which leads to better blood circulation. As a result, it boosts metabolism, produces and activates vitamin in the body, increases the calcium in the blood, promotes the production of hormone and accelerates the cell proliferation. Therefore, it improves the self-healing power and immunity. Also, carbon light strengthens the cells thanks to cells regeneration and increase in Heat Shock Protein (HSP).

Light penetrates into our body and it can raise the temperature of deep part, which enhances level of immunity and germs, viruses or cells are killed by high temperature.

■ What's Visible light ?

Visible light, deep part heating action raises the blood temperature on the irradiated area by 39° C~42° C by the action of red infrared spectrum. Therefore, HSP receiving attention is easily produced in the body. This function converts the abnormal protein causing disease to normal protein, consequently treats the disease.

■ Magic light! Miraculous light! From old times, **Visible light** has been called "**Miraculous light**" or "**Magic light**". All descriptions provided by our **Visible light College** mention and explicate the things supporting today's medical comments, but they contain lots of miraculous treatment achievements beyond description even with today's advanced medicine.

We think HSP which has been lately determined and published is also one of them. Even though medicine has advances, the explanation about human body and diseases is still nothing but a bit. Our Visible light is no more than one which made a faithfully mechanical application of the sunlight which created living things. We notice the greatness of nature and sun one more time. With the medical advancement, the relation between light and life will shine more clearly.

■ Action of light is divided into direction action and indirect action. The direct action includes heating action by infrared rays or visible rays of red collection, action affecting the visible ray photoreceptors, photochemical reaction by visible rays rather than UV rays or purple color, etc in the recognition action from

irradiation part.

- Biosynthesis of vitamin D by UV rays is the most known as action of vitamin D and specific light. Vitamin D was discovered to be antirachitic factor in early 20C, but this could explain the action of vitamin D as calcium metabolic controlling hormone. And **lately vitamin D was found to induce the cell differentiation through vitamin D receptors.** It is a law of nature to supplement Vitamin D with sunbath and most of food except fish meat don't include vitamin D. Therefore, losing the life styling symbiotic with light results in the deficiency of vitamin D. Because the ability to produce vitamin D with aging declines, it causes the deficiency of vitamin D as easy to the old men.

- Modern diseases and transition in light-deficient diseases

The large majority of today's modern diseases are adult diseases and allergic disorders which takes very long progress in which therapeutic effect cannot be raised significantly or expected rather than acute diseases which therapeutic effect can be relatively raised.

Today's 3 causes of death are **malignant tumor, heart disease and cerebrovascular disorder**. Furthermore, the chronic diseases which do not directly lead to death but worry the patient, e.g. osteoporosis have increased significantly. The principal causes of this change in diseases are involved with the cultural advancement which is not given the chance to expose to the natural light.

- These days, age of preventive medicine, for many of modern diseases, it is too late if any disease initiates. In this point, the thing which is required desperately is to determine the cause of transition in disease structure, and is also to establish the preventive solution. If the preventive surpass the treatment medical science and the preventive method is properly informed to people, this is the very medical treatment contributing to the true welfare. The things known as the basics of preventive medicine are diet, exercise, stress, tobacco, alcohol, etc. Of course, we do not make little of these, but what we want to highlight in particular is that life for many years without receiving light causes the continued deficiency of calcium, as a result, which leads to various kinds of adult diseases. **Dr. Garland team's study determined colon carcinoma and breast cancer were motivated by the deficiency of light,** but even when compared to our country's circumstances, the

colon carcinoma and breast cancer has recently increased very sharply. In addition to these, the deficiency of light has been found to be involved in the onset of various modern diseases, but

Visible light is essential in terms of preventive medicine.

- Origin of medical treatment is a self-healing power

Even though anyone knows that the origin supporting the life is nature and the medical treatment also relies upon the healing power provided by nature, there is scarcely one who hears of the healing power of nature from the doctor.

Under the background, they make little of healing power of nature and are more likely to adhere to the modern medicine. But it is noted that no medical treatment can be valid without natural healing power.

Hippocrates, a father of medicine said "Disease is cured by nature and doctor is rewarded" referring to the self-healing power as noted doctor staying in the body, but sunbath is applied to the medical treatment as a way enhancing the natural healing power. It is Visible light to use this act of sunbath anytime anywhere.

- Immune function and Light

From old times, it has been said that fresh air and sunlight are good for health. To speak with today's knowledge, sunlight can make vitamin D in the skin. Vitamin D stimulates the absorption of calcium from the intestine and also strengthens the immune function. In terms of preventive medicine, the light is not only infected easily but also makes the physical constitution resistant to the allergy, which leads to the effect to prevent cancer. And, in terms of treatment medical science, it improves the self-healing power provided with the individual. For the treatment of most diseases, Visible light can be expected.

- "Heat Shock Protein (HSP)" involved with all diseases

The thermotherapy producing heat shock protein is making headlines in recognition of lots of indications at the result of recent study. – It lessens stress ulcer (gastrointestinal ulcer) * Injury, inflammation, infection, bronchial tubes before/after operation, asthma, allergy, rhinitis, atopy, dermatitis, arthritis, **cerebrovascular disorder, heart attack, cerebral infarction,** hypertension, ankylosing spondylitis,

immunological disease, ulcerative colitis, disseminated sclerosis, distress or reduces of virus quantity of HIV (AIDS) infectee! And it is also considered to apply to Alzheimer's disease attributed to the protein problem. This Visible light is mainly useful for the systemic treatment.

- Role as guard of immune body

HSP's effect on the immune system, **HSP's wonderful action and effect on various kinds of diseases are researched and is paid attention to advanced medical technology.**

Some of diseases which cannot be treated by medication or operation has been already cured by light, this Visible light is in the spotlight as medical treatment in 21C.

In the latest medicine, the gene is made importance for the biological control and the cause of disease. The gene acts to make protein according to the given program. In other words, protein made from the abnormal gene is abnormal protein. Various diseases are attributed to this abnormal protein. But, our body has the function restoring the abnormal protein to the normal inherently.

This is called "guard function". It is HSP that restore this abnormal protein to the normal and performs the guard function the most actively.

- **The action of HSP is quality management of body!**

HSP can be commonly seen from germs to higher animal, but the important action is to manage the quality of protein which is a component of living things and governs the vital function. In other words, living organism can maintain the healthy function if protein properly works according to the role, but the structural fault or problems in protein causes the disease and the disease causes the manifestation of abnormal protein and aggregates the disease. Because Mr. Danaka who won Nobel prize last year developed protein analyzer, it is receiving the spotlight as molecular targeted therapy suppressing the action of cancer treatment protein. This indicates how future medicine makes importance of protein. HSP is combined with target protein (abnormal protein) and controls the structure formation, function and activities of protein. In other words, HSP can restore the protein function to the normal if the structural fault or problem in protein.

- It is proved the method which makes HSP in the body as actual treatment is made by sunbath if it is mentioned in nature. The thermotherapy (high temperature) has been known as traditional treatment. It is a very dangerous treatment which raises the body temperature till 42° C forcibly for the purpose of killing the malignant tumor using microwave (electronic oven), etc but the recent study shows HSP made at the temperature of 39° C~39.542° C definitely used the heating action of far infrared rays on the deep part. This is called [마일드 서버미어 요법](#).

- **Autonomic nerve endocrine system function and light**

Recently, the action of light through vision has received attraction. The light acts to photoreceptor in the eye and is involved in the generation of biological rhythm or entrainment (biological clock). It is called melatonin formed in pineal body. **Melatonin secretion has a cycle. If light comes in the eye, melatonin secretion decreases while it increases if it is dark.** This hormone acts on hypothalamus and pituitary gland, and it is involved in all autonomic nerve endocrine functions such as digestion, absorption, metabolism, circulation, appetite, sexual function, etc. Therefore, if the biorhythm is unbalanced, several [bromine \(브롬\)](#) is output, but it is obvious that it is improved by a little treatment.

Immune reaction is required for self-healing power (Self-renewal and self-defense function)

- What's self-healing power?

It is obvious that life has the self-healing power associated with vital power, mysterious excellent ability indispensable to the survival of living things. In general, the self-healing power is used as the meaning of inborn provision ability such as wound healing (self-restoration function), immune reaction (self-defense function), homeostasis (homeostatic maintenance function), but it has been found that the key point of self-healing power is by no means fixed but has the dynamic ability which is changed by various factors such as life style, stress, etc. This factor of self-healing power is immune system which recently new various discoveries has been continued and it is for the purpose of maintaining the homeostasis that immune system give correct and proper response.

The immune system consists of natural immunity provided by nature and acquired immunity, and it acts an essential role to keep the health maintenance such as to exchange information between cells in charge of immunity, to form the close network with nerve system and endocrine system, resistance to infection, prevention of allergic and autonomic immune disease, immune monitoring organization repelling the cancer cells, etc.

Meantime, why Hippocrates respected as a father of medicine (B.C 460 –B.C 375) introduced Visible light to the treatment known to make importance of self-healing power is because he noticed sunlight has the action improving the self-healing power.

We would like to discuss focused on the result of study on the effect of light improving the self-healing power on the immune system which has been explained.

Light has the action heating the body into the deep part by means of radiant heat from radiation (mainly red infrared ray) with excellent transmission. This light heating stimulation induces the onset of gene and produces HSP (It refers to stress protein from the viewpoint that stress is induced and raises the resistance to the stress, but it is generalized to call it heat shock protein (HSP) which the output increases significantly by about 100 times by the thermal stimulation), which revives the natural immunity, for example, activation of biological defense organization enhancing the cells damage activity of NK cell has been proved in the recent study.

Also, HSP is commonly recognized from bacteria to mammal, but it doesn't revive and activate natural immunity, but also reacts to all stress stimulus, therefore induces the durability and protects the cells (prevents the adverse effect or invasion of drugs according to medical treatment), returns the structural fault and degeneration of protein governing the functions as constituent of living things to normal structure and has the 샤프롱 function making the dysfunction normal, so it is a series of protein with efficient endogenous biological defense, but it was proved to be generated from infrared rays heating device, and it is considered to be very related to various therapeutic effect of light.

■ Acquired immunity and Light treatment

Acquired immunity only exists in animals as acquired immune system in response to the evolution. It is specific high-level immune reaction recognizing the things that doesn't work (nonself) such as bacteria, virus, toxin, pollen, xenoprotein, etc which macrophage and dendritic cell bring endocytic action as antigen, produces antibody and repels nantigen-antibody reaction nonself. Acquired immunodeficiency syndrome (AIDS) which inherent immunodeficient immune function which acquired immunity obtaining this high level antigen peculiarity doesn't work deteriorate markedly, similarly to those who immune function slow down and receive the treatment of anticancer drug, it is prone to opportunistic infection or cancer.

On the other hands, if acquired immunity overreacts to foreign antigen and congests, allergic disease or abnormal reaction to self cells which will not react to originally is a cause of disease causing immune disorder, therefore the immune reaction, that's to say, homeostasis in antigen-antibody reaction, in other words, immune system should give correct and proper response.

Acquired immunity consists of two immunomechanism—one is cellular immunity and the other is humoral immunity. Nonself information which is obtained through inguritation by macrophage and spur cell, in other words, antigen information is commander cell. It is delivered to T-cell in lymphoid cell. Cellular immunity is that T-cell reacts to specific antigen and differentiates into cytoking productive T-cell producing and releasing T-cell (cytotoxic T cell) and cytokine directly attacking the antigen and

In humoral immunity T-cell differentiates into helper T-cell, helper T-cell delivers the information to B-cell which unusually produces antibody for specific antigen, B-cell differentiates into plasma cell, and then produces immunoglobulin antibody, but T-cell is inhibited by the interference of differentiating suppressor T-cell to avoid excessive antibody production of T-cell. And if the ability remembering the antigen information is re-exposed to antigen, immediately T-cell and B-cell produce antibody and start immune reaction. It is called booster effect.

These days, highly pathogenic bird flu mutates into human type and brings about epidemic, in other words explosive epidemics across the world, therefore it is feared there will be many deaths, but it is not antigen against new virus which has been experienced, but booster effect cannot be expected because of absence of immune cellular memory. Therefore, Japan stores Tamiflu, anti-influenza virus

and formulates anti-epidemic influenza vaccine using highly pathogenic bird flu virus, but it is important to know that our body recognizes natural immunity and new virus as antigen and makes antibody, therefore our body has the acquired immune ability since birth.

Meantime, it is said that sunbath in the summer prevents catching a cold in the winter. So to speak, this is a wisdom based on experience. For the act on arc light acquired immunity, cellular differentiation inductive action and calcium metabolic regulation for remedy of vitamin D produced by the photochemical action of UV rays are involved.

And calcium facilitates the delivery of information between 60 trillion cells constituting the body and makes each cell operate normally. To do so, it requires maintaining the intracellular calcium level to nearly 1/1000 of extracellular calcium level and therefore maintaining homeostasis of calcium distributed in the body.

Meantime, because the deficiency of vitamin D leads to neither sufficient intake of calcium nor absorption of calcium, in order to supplement the deficient calcium parathyroid hormone (secondary hyperparathyroidism) works, accelerates the elution of calcium from the bone (bone absorption) and excessively eluted calcium carries through in the tissue cell in plasma and causes calcium paradox, eventually disturbs the cellular function responsible for immunity.

For instance, cytokine exchanging the immune information, it is a messenger (information delivery) control material produced by macrophage and plays an important role to control making the close information exchange between the immunocompetent cells and controlling activation, growth and differentiation. We would like to point out the probability which each cell cannot function properly such as interleukin 1, interleukin 2 produced by activated T cell, release of gamma interferon, etc. And even though two sides of promotion and suppression are pointed out in the production and release of cytokine, it is considered this action controls the antigen antibody reaction.

In cancer LAK treatment, LAK is abbreviation of Lymphokine activated killer cell. It is antitumor immunotherapy that is used to treat cancer by collecting lymphocyte in the leukocyte of patient and cultivating interleukin 2 additionally and inducing LAK cell.

- **Apply light to life** For example, nerve system immediately diagnoses and notifies

to each for external injury and at the same time provokes a local inflammatory reaction and presses each to treat. Then, if the immune system involves and prevents infection, the body treats quickly.

The diseases which are closely associated with immune system are infection, allergic disease and autoimmune disease. The problem of resistant bacteria such as tuberculosis or malaria emerges, infection requires increasing the immunity, allergic diseases which are increasing reversely require the immunosuppression because the immune system overreacts to antigen and the autoimmune disease requires immunosuppression (immunosuppression) because it recognizes the its own tissues which will not be antigen originally and produces antibody.

Like this, the immune reaction should be reverse depending upon the point of view such as inductive if the immune reaction is required depending upon the situation, on the contrary, the immune reaction is suppressed if the immune reaction is excessive or abnormal. The only method which can solve this problem is a self-healing power with life, in other words, the ability to control and manage the immune reaction quite freely suiting the situation.

We have addressed focused on the action of light promoting the immunocompetent cell by the cellular differentiation inducing action of vitamin D produced by HSP which revives the natural immunity with excellent endogenous biological defense action by means of near infrared rays thermal action for the regulation of essential immune reaction of self-healing power by the light and preventing calcium paradox by the calcium metabolic regulation, but **light also has the various effects such as control of function of autonomic nerve system and endocrine system, therefore it improves the self-healing power with mysterious ability which these cooperate and life provides, cares the health, prevents the diseases and treat the diseases.**

We mentioned in the beginning that Hippocrates made importance of self-healing power and actively introduced the self-healing power to the treatment because Hippocrates had already noticed all living things on the earth simple and clear truth preceding the learning that they are endowed with benefits of sunlight. Lastly, we hope you will trust the self-healing power improves by introducing the artificial small sunlight to your life and you will get hold of it.

■ Pain and Visible light

< Patient speaks truth! >

■ Why are we sick? The sense called pain is a sense which takes place for nociceptive stimuli which injures tissue or organ, and it does not protect the body and stands for any warning but nobody likes it. For these reasons, the pain is regarded as bad thing but most of pain is a sign of restoration or defense phenomenon of the body, and is a condition that is understood as purposive phenomenon. The pain from the inflammation is explained as an example. The body has the excellent defense system to survive in the environment invaded into the body, but the inflammation is essential for the process of restoration of injured tissue or organ. In other words, the body releases various chemicals which facilitate the mobilization of materials in blood required to restore the injured cells and tissues. This is called flame factor, and the restoration is carried out by a series of phenomenon associated with the inflammation arising from the action called the flame factor, but the flame factor acts as a pain trigger which stimulates the sensory nerve and causes pain. This pain is closely associated with

■ Type of pain

The pain is divided into superficial pain which feels painful on the skin and mucosa in the affected area, deep pain which feels painful on the subcutaneous area, joint and skeletal muscle, fascia, tendon, ligament, periosteum or blood vessel and internal organ pain which feels painful caused by internal organs. But the causes and nature of each pain are different.

And, if the pain persists for more than 3 weeks, it is called chronic pain while if the pain persists shorter than the period, it is called acute pain.

The superficial pain occurs when the sense received from the pain-nociceptive receptor called pain spot which is distributed on the skin and mucous membrane throughout the body reaches the cerebral cortex perceptual domain through sensory nerve. And this receptor reacts to the pressure and temperature sense as well as pain, but in case of more than two times than this minimum value which will feel this stimuli, the pain appears.

The characteristics of this superficial pain is a stabbing pain which feels fast and disappears fast, and it is characterized with exact local distinction.

The deep pain is caused by inflammation, oxygen deficiency due to circulation disorder and resultantly the accumulation of intermediate, pressure change such as rise and fall of tissue stretch pressure, nerve's own disorder, etc. It is not difficult to distinguish the local area and the burning pain with long progress.

Internal organ itself feels painful even though **꺼도挫滅해도** and it is heated. But, Also, the internal organ pain delivers the stimuli by reaching the spinal cord by autonomic nerve and contacting the sensory nerve or motor nerve (also called stomic nerve) unlike the pain aforementioned.

With contacting the stomic nerve which belongs to spinal segment like this autonomic nerve, the body can create a constant regularity, various pain and muscle contraction on the skin or muscle in the domain which nerve dominates.

In other words, internal disease doesn't only cause the pain which feels the affected organ but also the pain associated with the skin away from the affected organ and deep tissue – angina creates ache in left chest and inside of left arm – strong reflex contraction of abdominal muscles – abdominal walls get harder with stomach.

■ **Pain disappears as a lie with Visible light**

If you trust the light and use it diligently, your pain must disappear. I have grown in the belief that if I have ache in some region, whatever it is injury or pain like scald, strain, deep pain and internal organ pain like stomach disappear.

I don't care even if what it can be such or light pain disappears is my primitive experience. Like this, one of merits of Visible light is a pain relieving effect which alleviates any pain. But **there is little one trust the pain relieving effect but experience it.**

Even if people hear the story from the person who experienced pain relieving effect in practice, most people will say "I don't believe such a thing!". Also from my experience, all of 100 persons gave negative answer after hearing from the person who did not ever experience the Visible light, but **to hear from the person who experiences phototherapy, all of 100 persons gave positive answer.**

There is a English saying, "seeing is believing", to translate literally " To see is to believe" and it is a synonym of "Action speaks louder than words" in Japan.

The pain relieving effect of Visible light can be also understood from "seeing is

believing" if tested.

■ Why Visible light is effective?

At the result of finding out why Visible light is effective for the pain, it is No. 1 short-cut that makes any pain understood through the experience.

But, we need to mention the key point so that we can use it with more ease if we notice the action of light.

It is a start to learn why Visible light is effective for the pain and why we are sick.

For example, the result recognized almost commonly in the inflammatory area is tissue disorder, circulation disorder and tissue restoration. If this area is irradiated with light, mainly infrared rays penetrate into the deep part in the body and warms the body in the inside.

On the other hand, the body has the function to maintain the temperature constantly, and will increase the blood or lymph fluid to stop the tropical temperature rise.

As a result, it improves the tropical circulation disorder and accelerates the healing, but it alleviates the swelling and tension, and discharges waste and substances causing pain, so it relieves the pain immediately.

Also, the effect of light which activates the metabolism speeds up the restoration of tissues, so shortens the treatment period. For the internal organ pain, Visible light doesn't only give the light heating effect but also regulates the autonomic nerve, alleviates the internal organ pain and normalizes the function by the light.

To summarize main actions which Visible light is effective for pain: **(1) Improving circulation disorder (2) relaxing the muscle tension (3) organizing the nerve action (4) regulating the internal organ function (5) accelerating the restoration of tissues.** Therefore the pain relieving effect of Visible light **revives the biological function, speeds up the self-healing power and improves the elasticity.** There is no simple public remedy. But to effectively use the Visible light to treat the pain, there is a certain know-how.

There is correlation between irradiation and pain relieving effect. In other words,

irradiation should be given for long hours and frequently to increase the amount of light depending upon the health condition. Besides, even if amount of irradiation is increased, it doesn't affect the health, so you can use the Visible light with ease.

■ Geriatric pain medicine isn't working

The mechanism of most pain reliever being used, ie drugs generally called nonsteroidal antiinflammatory drug (NSAIA) is to suppress the synthesis of pain-causing substance in flame. Therefore, the acute inflammation accompanied by the inflammation whose cause is very clear has the relatively excellent pain relieving effect, but On the other hands, as aforementioned, the inflammation is regarded as by-product of **재치** restoring the injury and a purposive symptom accelerating the treatment. But, the medication by pain reliever suppresses the inflammatory reaction and merely pain stop public remedy. Moreover, the long medication period causes increase in dose, causes the drug not to work any more and adverse effect.

Among them, it is the most careful to liver disorder that can be seen, especially in the men of great age, which can sometimes cause serious result. Therefore, in the aged who healing power is relatively inferior, it is meaningful that we have to learn the indications and limitations of pain reliever even in order to adverse effect.

There are many therapies to treat the pain, but the mechanism how Visible light carries pain relieving effect acts as a cause unlike other therapies. In particular, Visible light enhances the healing power which falls with ageing relieves the pain easily.

■ Visible light recommended to the systemic irradiation doesn't only kill the pain but also acts as a cause, accelerates the recovery. It is important to believe in this fact and continue the treatment till it takes effect. At this time the irradiation time needs to be longer as the disease is terrible as aforementioned. In this case, if multi treatment devices are used at the same time, the irradiation can get effect in the short time.

Menopausal Disorder

My disease has been completely treated by Visible light therapy.

I felt too painful to walk on my shoulder and around my waist at night, December 9 and the symptom got worse as I could not breathe and was to vomit and suffer from terrible pain overnight because of serious pain.

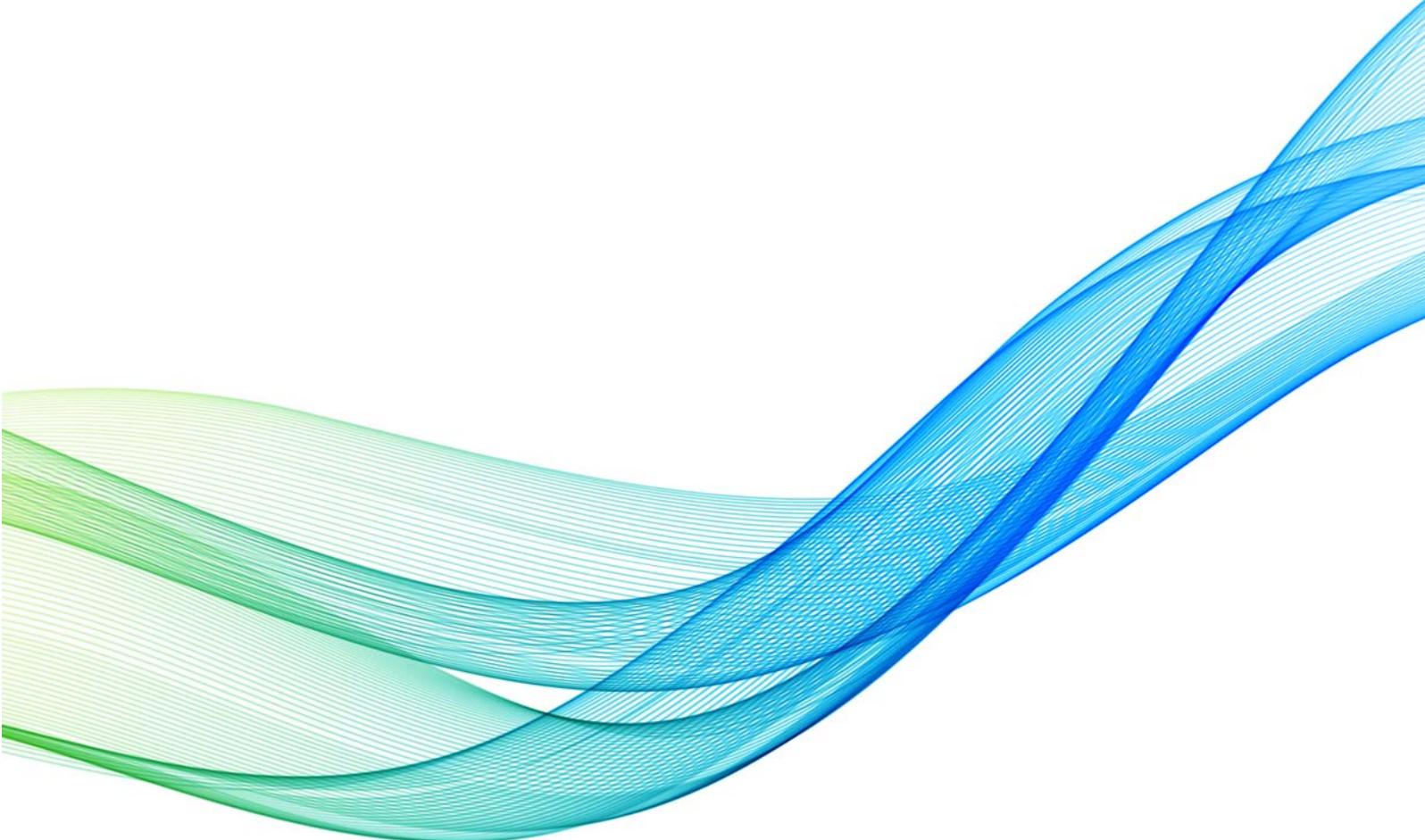
Next morning, I went to hospital. I received chest X-RAY examination, and I get a painkiller injection on my waist, back and chest, and at last I was admitted to the hospital.

But, the pain was not still treated, and there is no one who massages my pain, so I left hospital.

On all such occasions, my blood pressure recorded 200/110, and I returned to home with the drug lowering the blood pressure.

After coming back to my home, my pain persists for a few days, but I tried to receive Visible light introduced by my acquaintance. After that, I felt my breath got easier and waist pain disappeared.

3 hours after phototherapy, I was able to eat food at the end of the day, my pain disappeared dramatically. Thank my acquaintance for introducing the phototherapy.



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