

C o r r e c t y o u r c o r e



Natural Abilities

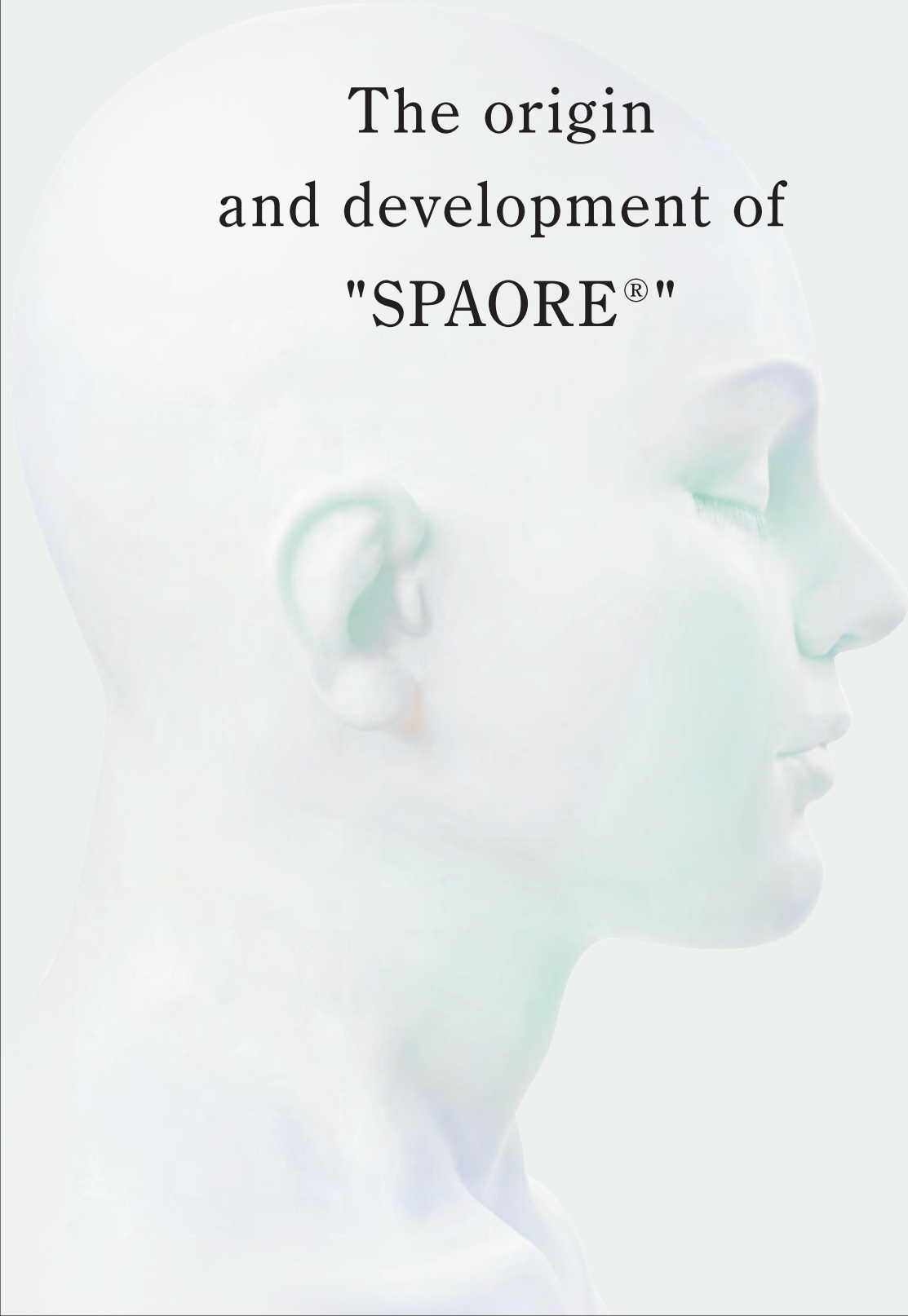
Instead of using large-scale equipment and chemicals, it restores your ability in a natural way. It is our mission to support that. This is embedded in our company name "Natural Ability".



SPA ORE



"SPAORE®"
developer Masaki Koike,
representative of Natural Ability Co., Ltd

A large, white, 3D-rendered profile of a human head, facing right. The head is semi-transparent, revealing the brain and internal structures. The text is overlaid on the forehead area.

The origin and development of "SPAORE®"

It was atonement
for leaving the elderly
bedridden.

I am Masaki Koike, as the developer of "SPAORE®", when I was a boy, I once collided with an elderly neighbor with a bicycle and made him injured to fall, made him leaving bedridden. Even as I grew up and became involved in various businesses, this was a trauma that never left my mind along with great guilt.

When I was about to turn 50, I came across a certain technology. It had the potential to stabilize the trunk of the elderly and prevent falls.

I was convinced that if we can perfect this technology, we will be able to reduce the grief of many people. I thought that it might be possible to atone for some of the sins of childhood. I thought that this would save not only many elderly people but also myself. Despite having no specialized knowledge or experience, I decided to proceed with my own research and develop these materials for practical use. After that, we met experts who agreed with the idea of reducing the risk of falling for the elderly, and with their help, we completed the composite ore powder "SPAORE®".

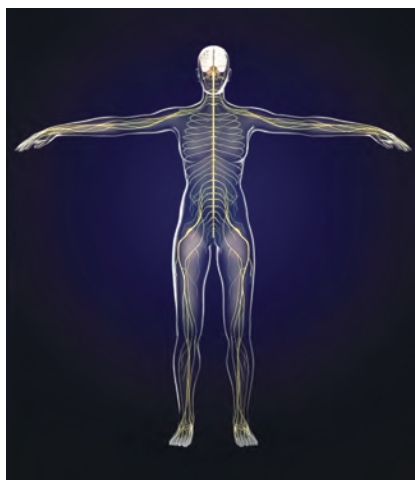
Overview of "SPAORE®"

■ Focusing on neurotransmission defects

There are various reasons why people are unable to demonstrate their true strength. Functional disorders, mental disorders, stress, harmful substances contained in food and the atmosphere, etc., It can also be said to be caused by modern society itself.

With this backdrop, I focused on the decline in performance due to "poor neurotransmission." Whenever a nerve is stimulated, some kind of reflex returns. If we can selectively guide that reflection... Starting from this idea, we pursued "stimulation" that leads to the ideal waveform while measuring brain waves. Finally, we arrived at a combination of ores from natural hot springs and rice husk charcoal from organic rice, and completed "SPAORE®".

We were able to obtain a patent in January 2020. [Patent No. 6802940]Enhanced nerve transmission means that commands emitted from the central nervous system such as the brain and spine are quickly and accurately distributed throughout the body, leading to smooth intended movements. This manifests itself in improved reflexes and muscle strength, preventing falls and increasing overall body puff performance. On the other hand, it works on the balance of the autonomic nerves, leading to higher quality sleep and rest



What kind of stimulation should be applied to the nerves, the search for that stimulation It was the development of "SPAORE®"



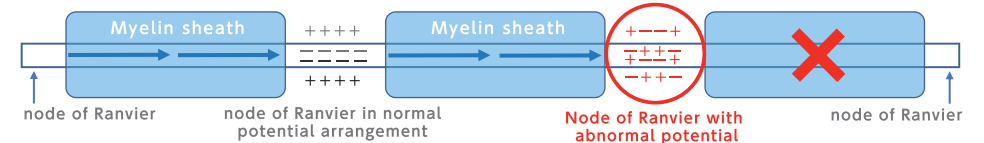
"SPAORE®" is made only from rice chaff charcoal and natural ore

Neural conditioning of "SPAORE®" (supervised by M.D., Ph.D. Shinoura Nobusada)

Mild electromagnetic waves emitted by "SPAORE®" stimulate the nerves and normalize the potential sequence. As a result, transmission is smooth and various effects appear.

Disturbed nerves have an abnormal electrical potential arrangement. Adjusting this sequence is nerve conditioning.

If there is an electric potential abnormality, information will not flow beyond that point.



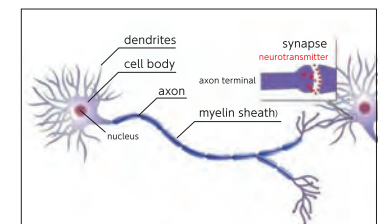
Normalization

By normalizing nerve fiber potentials, it allows information to flow



What are myelin sheaths and node of Ranvier?

The myelin sheath is a dense membrane structure that surrounds multiple axons of nerve cells. The myelin sheath is rich in lipids and acts as an insulator. The myelin sheath does not cover the entire axon like the vinyl tube covering the conductor, but is spaced at regular intervals. The gap is called the node of Ranvier, and only in this part can the action potential be generated.



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M.D., Ph.D. Shinoura Nobusada,
Areas of expertise Brain tumor graduated from,
Faculty of Medicine, The University of Tokyo Japan, 1982
Neurosurgical Society Instructor and Specialist

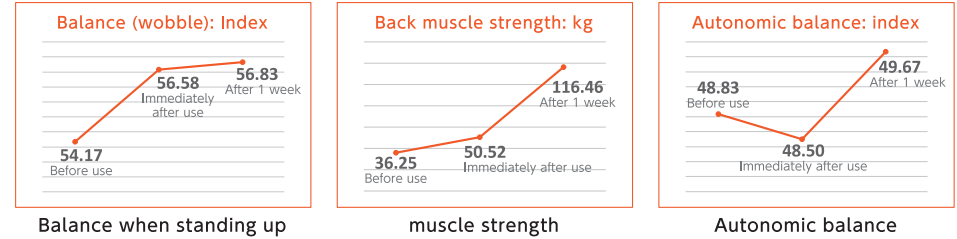


Trunk stabilization

Improvement of the lives of the elderly and elderly pets

"SPAORE®" has the effect of improving the transmission of nerve commands, stabilizing the center of gravity when stumbling, and improving the function of elderly dogs that have difficulty walking, by improving knuckling due to nerve paralysis of the forelimbs.

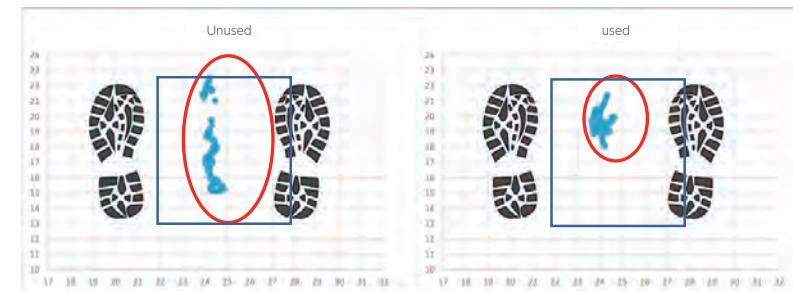
Realizes trunk stability through nerve conditioning



Measurements of changes immediately after wearing the "SPAORE®" T-shirt and after wearing it continuously for one week showed that the Balance, Strength, and Reflex values improved, and the trunk and center of gravity stabilized. Nerve conditioning has enhanced peripheral nerves, resulting in improved balance, muscle strength, and reflex speed. In particular, back muscle strength has shown

significant growth, but one of the factors is that the test subjects are a group of relatively weak women. In the case of athletes, etc., nerves are trained at the same time as technique and physical strength in regular training, but for ordinary people, this is not the case, so they are in a state where they cannot demonstrate their original muscle strength. It is thought that the normalization of the nerves allowed us to use our original potential.

It was shown that the center of gravity shift under weight is small and the balance is stable



The light blue dot in the red frame is the center of gravity. It was shown that the movement of the center of gravity position was reduced when used, and the balance was not lost when weighted, and the center of gravity was stable. In general, if the center of gravity is outside of connecting line (blue line) of each toe-to-toe and heel-to-heel, you will fall.

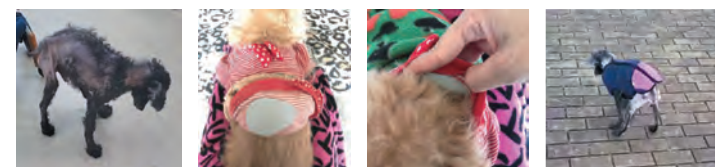
When you are about to fall, you move your legs to keep the center of gravity within the above range, but for the elderly, the risk of falling increases due to the delay in the movement of your legs. Therefore, if the movement of the center of gravity position is small during weight, there is no need to move the foot to balance, so it can be said that the risk of falling when force is applied to the body for some reason, such as tripping or collision, is reduced.

Measuring the effect using an old dogs

■ Measure the effect with complete elimination of consciousness bias

Measurements by humans are difficult to completely remove bias, so measurements using animals were taken. When we observed changes in gait, etc. of elderly dogs with difficulty walking, such as by dressing them in "SPAORE®" treated clothing, visible improvements were observed except for areas with bone and joint damage. There were cases where some of the dogs that could

hardly walk, were able to walk well the next day. These dogs were repeatedly observed with their clothes on and off. Although no significant changes appeared immediately after removal, they returned to their original state after a few hours, confirming that the improvement in their walking patterns were due to the effect of "SPAORE®".



Examples of improving the gait of an elderly dog

Relaxation



Stress release and relaxation effects that appear in brain waves

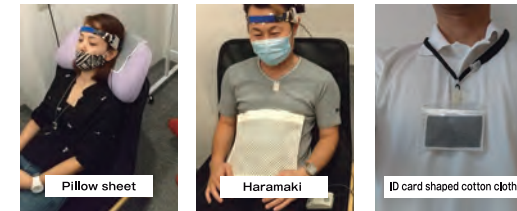
Stress is a major social problem today. Wearing "SPAORE®" products eliminates exasperation and reduces "beta waves" and "nystagmus", which generates from brain waves when stress is high.

In addition to the relaxing effect, it can be expected to reduce eye strain by suppressing nystagmus.

Measurement of the relaxation effect of "SPAORE®"

Purpose of measurement: Measure the brain waves when various prototypes are attached and confirm the relaxation effect of each prototype.

Results: In all prototypes, it was confirmed that beta waves and nystagmus were suppressed when worn. It was confirmed that each product grants the relaxation effects of "SPAORE®".

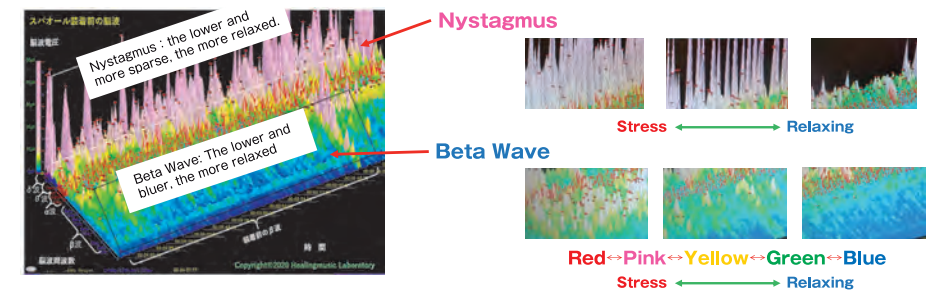


Measurement location: Natural Ability Co., Ltd Conference Room
 Measurement date: September 28, 2020
 Measurement method: Brain waves and nystagmus measured by using electroencephalograph (IVBA ver.3)
 Measurement: Yamauchi Engineer of Healing Music Lab

Measurement of "SPAORE®" Relaxation effect

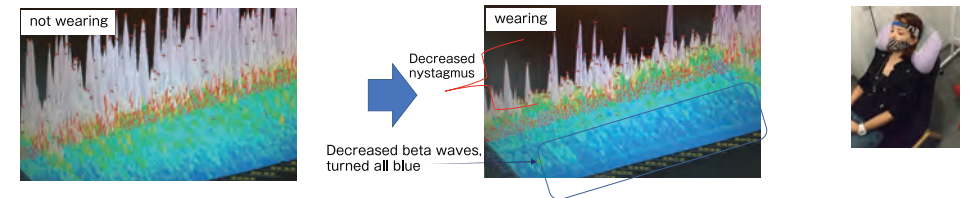
The pink peak at the top of the figure is "nystagmus". The less the movement, the more relaxed. The higher and denser, the higher the stress. The lower and rougher, the more relaxed.

At the bottom of the figure, the part with a lot of blue ~ green is the "beta wave". The less movement, the more relaxed. The closer to red, the higher the stress. The closer to blue, the more relaxed.



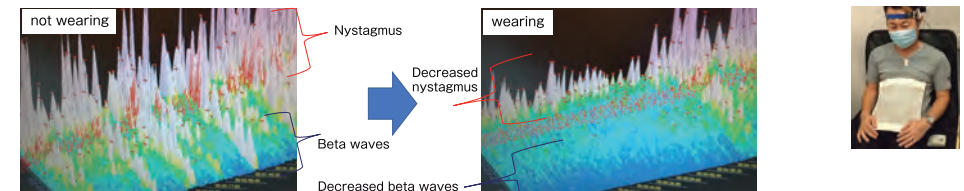
Measurement with pillow sheet

Subject C: Female in her 30s Nystagmus decreased significantly. The beta wave is low from the beginning, but the green and yellow parts disappear and the transition is more relaxed.



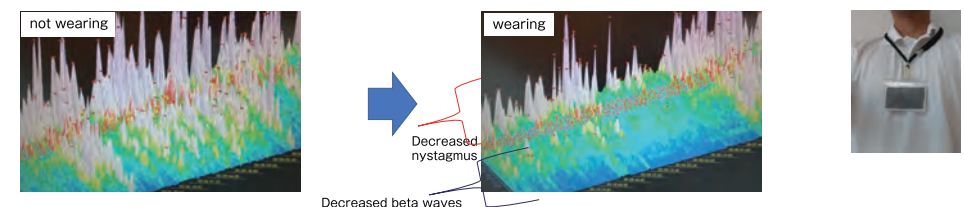
Measurements with the haramaki

Subject A: Male in his 40s Both nystagmus and beta waves are significantly reduced and shifted to a relaxed state.



Credit card-sized cotton cloth (used for ID cards)

Subject A: Male in his 40s Both nystagmus and beta waves are significantly reduced and shifted to a relaxed state.



Blood flow improvement

Blood flow improvement effect that can be registered as a general medical device

The natural and gentle radiant heat emitted by organic charcoal with high silica content and hot spring ores, such as radium, promotes a wide range of blood flow and relieves stiffness, swelling, and pain, etc.

Measurement of the blood flow promoting effect of "SPAORE®"

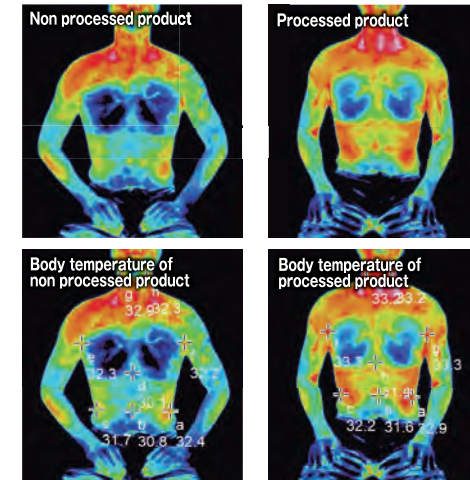
Measurement purpose:

We measured the blood flow velocity and the body surface temperature when wearing various samples, and confirmed that even with such materials, the "SPAORE®" processing enhances the thermal effect when worn.

Outcome:

Both measurements confirmed that the "SPAORE®" product increased blood flow velocity or body temperature. Regardless of the material that is processed, "SPAORE®" itself proved to have a blood flow promoting effect.

Body surface temperature measurement (silk haramaki)



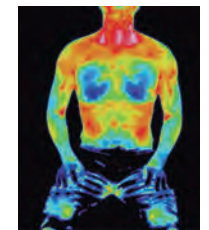
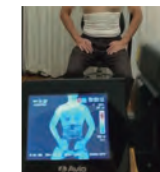
measuring method

Compare body temperature between non processed and "SPAORE®" processed products 10 minutes after wearing them respectively.

In order to stabilize the body temperature before wearing the products, we left an interval of at least 15 minutes between measurements.

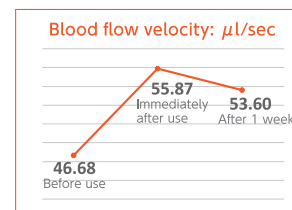
Changes in body temperature

- Right neck: +0.3°C
- Left neck: +0.9°C
- Right side: +1.0°C
- Left side: +1.1°C
- Plexus: +1.3°C
- Right flank: +0.5°C
- Left flank: +0.5°C
- Central abdomen: +0.8°C
- Average difference: +0.80°C**



Measurement location: Tokyo Metropolitan Industrial Technology Research Institute, Sumida Branch, Constant Humidity and Constant Temperature Room
 Measurement date: September 17, 2020
 Measurement method: Body temperature change measurement by thermography
 Measuring Instruction: Tobisawa Engineer, Sumida Branch, Industrial Science and Technology Research Institute
 Measuring instrument: Infrec RE500EX manufactured by Nippon Avionics Co., Ltd.

Blood flow velocity measurement (wristband)



Changes in blood flow

The comparison method is the same as that of silk haramaki. Measures blood flow per second in capillaries at the fingertips

10 minutes after wearing the "SPAORE®" coated wristband, the blood flow velocity increased by about 20%. After wearing it continuously for one week, it is stable with an increase of about 15%.

Measurement location: TFC Lab Co., Ltd.
 Measurement date: June 7, 2022
 Measurement method: Measurement with blood flow scope
 Measuring instrument: TOKU CapillaroC manufactured by Toku Corporation

