



SHA Wellness Clinic introduces

Brain Photobiomodulation to its Cognitive Development Unit

For immediate release - Madrid, Spain. Sha Wellness Clinic's Cognitive Development Unit managed by Dr. Bruno Ribeiro, has just added a pioneering painless and non-invasive cognitive stimulation therapy using brand new technology developed in conjunction with different institutions of which NASA and Harvard University, with special focus on brain phototherapy. After a few sessions of 45 minutes of duration, brain phototherapy has been proven to accelerate and rebalance the processes of cellular recovery to improve energy, performance, as well as achieve a positive state of mind and reduce intake of medicine -- with minor improvements noticeable after only the first session.

The main objective of this latest technology is to treat neurological and psychological diseases such as depression or anxiety; as well as neurodegenerative diseases so to enhance the cognitive capacity of patients in normal health conditions, or for those who have suffered some type of traumatic injury or stroke. It is recommended to complement the treatment with others existing ones at SHA Wellness Clinic, specific to the central nervous system.

"I am very eager to share this new technology with my patients at SHA. The progress one can make after just a few initial sessions is quite unique, and I am confident that it will greatly improve the Unit's focus and treatments on offer. People come and seek help for a variety of reasons and this new technology will serve as a great positive aid to many of them."

Clinical studies have shown the positive effect of light on mitochondria (cellular organism responsible for producing our energy). Neurons contain mitochondria and nitric oxide and by utilizing the science of photobiomodulation to energize neuronal mitochondria this triggers a

cascade of beneficial cellular events. In humans, brain photobiomodulation is a pioneering therapeutic technique that uses light diodes that apply infrared light of different wavelengths in different areas of the brain, producing mitochondrial photo-modification. Thanks to the exposure of infrared light, brain photobiomodulation increases the oxygenation of brain cells, stimulating and repairing their cellular synthesis, which leads to an increase of energy.

This latest technology, now available at SHA, is a next-generation transcranial-intranasal brain photobiomodulation (phototherapy) that emits 10Hz pulse frequencies that correlates with alpha brainwave oscillations to penetrate the natural barriers to reach neurons - thus increasing the production of nitric oxide in the cranial area. This device uses microchip technology to boost photonic power density. This technology not only acts in the brain but also includes an intranasal emitter. The intranasal channel is the most efficient channel for photobiomodulating the deeper, ventral brain area. These deep structures within the brain's core have important functions, such as long-term memory and hormonal regulation. The application of the treatment is painless and non-invasive. Available now at SHA Wellness Clinic.