CHI DOCTOR, DR.CHI, ON EMPOWERING COPD PATIENTS WITH AIRNERGY AND AIRNERGY STREAM

Jibin Chi, MD, MBA, MBI
CHI Awakening Academy, Sweden

COPD: A DEBILITATING BREATHLESS STRUGGLE

Chronic Obstructive Pulmonary Disease (COPD) is a formidable foe in the domain of respiratory disorders, marked by the obstruction of airways and an abnormal inflammatory response within the lungs. Despite its primary respiratory nature, COPD is recognized as a systemic ailment closely associated with an abnormal adaptive immune response provoked by prolonged pathogen exposure.

Individuals burdened with COPD are entrapped in a hypermetabolic state, spending all of their energy in the act of inhaling and thus fighting for each breath. Given that life begins with breathing, it is not surprising that the primary challenges posed by COPD are breathlessness and persistent fatigue. This progressive condition significantly affects patients' quality of life and leads to other health risks. The chronic inflammation and oxidative stress associated with the disease can spill over into other bodily systems, triggering a cascade of other illnesses. The Global Initiative for Chronic Obstructive Lung Disease (GOLD) has just updated its guidelines this year to emphasize new definitions of both COPD and COPD exacerbation. The new definition has been broadened to reflect other genetic, epigenetic, and environmental factors that lead to the onset of COPD. Essentially, it remains a major health challenge to the world. According to the 2019 Global Burden of Disease Study, this condition affects one in ten adults and is the third leading cause of global mortality.

THE COMPLEX INTERPLAY OF OXIDATIVE STRESS AND INFLAMMATION IN COPD

The pathogenesis of COPD is intricately intertwined with oxidative stress and inflammation. In a prior article on COVID-19 and Airnergy, I discussed at length the paradoxical relationship between free radicals and immune response, which is highly relevant to the case of COPD. Contrary to popular belief, free radicals are essential for energy transfer and immune response initiation. Moreover, free radicals are essential for protecting the body against pathogens such as bacteria and viruses. However, it is a double-edged sword that is also the root cause of oxidative stress and associated health risks. Oxidative stress induces the activation of multiple signaling pathways that promote inflammation, whereas immune cells recruited during inflammation produce more reactive oxygen species (ROS), thereby exacerbating oxidative stress.

Under normal conditions, this procedure is governed and controlled. In COPD patients, however, this continuous exposure to various genetic and epigenetic pathogens triggers an enhanced immune response via a process known as allostasis. Allostasis is the proactive process by which the body increases its adaptive immune response in order to generate a significantly greater number of free radicals in preparation for the anticipated attack from various pathogens. As COPD patients lack adequate airflow or respiration, they struggle to breathe more and faster. Increased respiration generates more free radicals, which in turn increases oxidative stress and inflammation. This vicious cycle is what occurs with COPD patients and explains why COPD is so difficult to treat. On one hand, there is an essential requirement for increased energy and oxygen intake, but this can also lead to a heightened production

of free radicals. Conversely, there's a need to suppress the hyperreactive immune response to manage inflammation and oxidative stress. However, this approach exposes patients to a higher susceptibility to other health issues due to compromised immune systems. This paradoxical situation significantly complicates the management of COPD. Anti-inflammatory medications typically prove ineffective in treating airway inflammation in COPD and may potentially render patients more susceptible to other health complications. Similarly, COPD patients who rely on oxygen therapy to augment their oxygen intake, encounter analogous challenges. Elevated oxygen consumption exacerbates the generation of reactive oxygen species (ROS) or free radicals, resulting in more profound and severe oxidative stress. Many clinical studies have verified that oxygen therapy increases mortality in COPD patients.

Thus, the central question is whether it is possible to provide COPD patients with much-needed energy without increasing the production of free radicals or compromising immune response. The answer is yes and this is how Airnergy technology came into the picture.

REVITALIZING COPD SUFFERERS WITH AIRNERGY

Airnergy has been embraced by numerous COPD patients worldwide for the past two decades, owing to the remarkable relief from symptoms and functional improvements it has provided. The astonishing effects of Airnergy have been well-documented by a multitude of patients and healthcare professionals. Airnergy's mechanism for rejuvenating COPD patients is rooted in its distinctive method of extracting vital life energy from the air, preserving it in water, and delivering readily available pure green energy through breath to individuals with COPD. This mechanism has been comprehensively explained in the article covering Airnergy and COVID-19. In the context of COPD, several specific elements play crucial roles in contributing to the substantial benefits of Airnergy:

1) Bio-hacking the natural process of cellular respiration

Cellular respiration stands as the paramount physiological process in nature, symbolized by the equation $C_6H_{12}O_6 + 6O_2 \rightarrow 6CO_2 + 6H_2O$, essentially transforming oxygen into water through a four-step electron-stripping process. Unfortunately, in the case of COPD patients, excessive free radical production during this four-step process hinders their ability to efficiently convert oxygen into water. Consequently, two simultaneous events occur: a deficiency in essential life energy preserved in water and an overwhelming presence of oxidative stress.

This is precisely where Airnergy emerges as a game-changer for these patients. By activating oxygen externally in the device, Airnergy prevents the generation of free radicals, thereby reducing oxidative stress and inflammation. Concurrently, it infuses the extracted life force energy into water droplets, which patients breathe in through their breath. This concept is analogous to the increasing demand for green energy for our planet. Airnergy essentially represents pure green energy for the human body, a vital necessity for COPD patients, whose internal conditions are comparable to the challenges faced by our climate-altered world. With the help of Airnergy, COPD patients are able to regain their natural energy supply and restore their immune system to a state of equilibrium.

2) Bio-mimetic the natural process of photosynthesis

Photosynthesis is the most efficient mechanism for converting light photons into biophotons within living organisms, and is therefore essential to life on Earth. In contrast to plants, humans lack the ability to directly convert light energy into biochemical energy via photosynthesis. In contrast, we can only

access a small portion of the life energy contained in plants through our food chain. This inherent human limitation becomes especially significant when we are ill, which is why plant-based remedies are frequently used in traditional medicine.

Airnergy, however, bypasses this limitation by directly harnessing the energy of light photons, similar to photosynthesis in plants. Its unique method activates oxygen molecules, releasing energy into the water contained in its sparkling element. Water functions as the universal reservoir of energy, a concept endorsed by Nobel Prize Winner Albert Szent-Györgyi, who proposed that oxygen excitation in water is a fundamental aspect of life.

In this context, Airnergy facilitates a crucial phase that is beyond the scope of human physiology as we know it. This action enables COPD patients to replenish their bodies with the vital force of life. In addition, it explains why drinking Airnergy water, in addition to Airnergy respiration, can result in even greater health benefits.

3) Restore the natural process of breathing

Breathing is the only process that sustains existence and distinguishes living from nonliving organisms. The disruption of this natural process poses the greatest risk to the lives of COPD patients. Airnergy is a lifeline for these patients, allowing them to regain this vital metabolic pacemaker that connects the mind and body. This transformation is what truly has the ability to improve their well-being and restore their health condition.

EMPOWERING COPD PATIENTS WITH AIRNERGY STREAM

As we delve into the compelling scientific principles behind the remarkable health benefits of Airnergy, it's crucial to shed light on the effects of Airnergy Stream for COPD.

Light therapies have gained increasing recognition within the scientific community for their effectiveness in combatting various diseases, particularly in mitigating lung-related issues such as pneumonia, lung inflammation, fibrosis, acute respiratory distress syndrome, asthma, and COPD. Numerous clinical studies have investigated the positive impacts of light therapies in safeguarding against lung injuries and alleviating muscle fatigue in COPD patients.

Airnergy Stream directly administers monochromatic light to the skin, a stimulus that prompts the body to initiate the highest level of energy transfer, reminiscent of the photosynthesis process first discovered by Dr. Otto Warburg a century ago. The biophoton nature of our human bodies and the significance of light in promoting health and healing have been extensively addressed in another paper on life and Airnergy Stream.

For COPD patients, alongside localized obstructive changes in lung tissue, there exists substantial systemic dysregulation occurring at various levels. This combined physiological alteration profoundly influences tissue damage and cellular dysfunction. The therapeutic effects of Airnergy Stream on COPD can be succinctly summarized in the following aspects:

1) Local tissue healing effects on the lungs

COPD is characterized by the progressive destruction of lung tissue, a condition that can lead to life-threatening episodes of acute exacerbation and respiratory failure. Intensive red-light therapy, such as Airnergy Stream, plays a pivotal role in activating proteins like the pulmonary circadian rhythm protein PER2 and the BPIFB1 protein, both of which are instrumental in safeguarding the lungs and enhancing the functionality of the alveoli barrier.

One notable advantage of red-light therapy is its ability to stimulate the production of melatonin. Present-day scientific discoveries related to melatonin have revolutionized our comprehension of this fascinating hormone. It is now considered as "nature's most versatile biological signal" and even hailed as a possible "next vitamin D". Melatonin is posited as a central component of red-light therapy, capable of restoring antioxidant capacity, increasing energy generation, mitigating inflammation, and expediting wound healing.

The specific wavelength of red light employed in Airnergy Stream proves especially beneficial for energy production. Scientific research has affirmed that light plays an indispensable role in energy production within mitochondria, the cellular powerhouses. Given that energy depletion is a pivotal consequence of COPD, the enhanced energy at the cellular level sets in motion a cascade of healing effects.

2) Systematic electrophysiological impact on the body

In the article on light and life with Airnergy Stream, we extensively explored the profound relationship between light, the biophoton field, and their fundamental impact on our health. This understanding is crucial in appreciating the systemic healing effects that Airnergy Stream offers for COPD. Indeed, the functioning of our entire metabolism is depended on light, as human beings are inherently beings of light. The science underlying Airnergy Stream encompasses its precise selection of the light spectrum, its innovative method of light generation, and the meticulous delivery of this light to the body. The cumulative result of these elements manifests in the systematic benefits it provides for COPD patients.

THE TAKE-HOME MESSAGE ON COPD WITH AIRNERGY AND AIRNERGY STREAM

The secret of life lies right under our noses, inexorably linked to our breath. This fundamental truth underscores why COPD can lead to a multitude of health challenges for those afflicted by the condition. Presently, there is no magic cure for COPD; instead, it demands a lifelong commitment to its management. Airnergy and Airnergy Stream were not conceived as treatments for specific diseases but rather as innovations aimed at rekindling vitality by emulating the natural process of photosynthesis. The immense value of this technology lies in its ability to transcend the limitations of human respiration and energy conversion processes. COPD is just one among many health conditions in dire need of fundamental energy, and it can benefit significantly from the use of Airnergy and Airnergy Stream.

The future of medicine is already being coined as electroceuticals, marking a profound transformation in our understanding of life and health. The concept of returning to nature is not merely a catchy phrase designed to capture attention; it represents an approach aimed at discovering ultimate solutions. Everything emanates from nature and belongs to nature, including our health and well-being. It is our hope that Airnergy and Airnergy Stream bring you one step closer to embracing the essence of life found in Mother Nature.