

# ENERGY ENHANCER PATCH

The ENERGY ENHANCER PATCH is a great way to increase energy and mitochondria function! But when you add intermittent fasting and fasting to your life, the benefits are far greater than you would expect!

Mitochondria are often referred to as the powerhouses of the cell. Their main function is to generate the energy necessary to power cells. But there is more to mitochondria than energy production. Present in nearly all types of human cell, mitochondria are vital to our survival. They generate the majority of our adenosine triphosphate (ATP), the energy currency of the cell.

ATP, a complex organic chemical found in all forms of life, is often referred to as the molecular unit of currency because it powers metabolic processes. Most ATP is produced in mitochondria through a series of reactions, known as the citric acid cycle or the Krebs cycle. Energy production mostly takes place on the folds or cristae of the inner membrane. Mitochondria convert chemical energy from the food we eat into an energy form that the cell can use. This process is called oxidative phosphorylation.

Cell death, also called apoptosis, is an essential part of life. As cells become old or broken, they are cleared away and destroyed. Mitochondria help decide which cells are destroyed. Mitochondria release cytochrome C, which activates caspase, one of the chief enzymes involved in destroying cells during apoptosis. Because certain diseases, such as cancer, involve a breakdown in normal apoptosis, mitochondria are thought to play a role in the disease.

Calcium is vital for several cellular processes. For instance, releasing calcium back into a cell can initiate the release of a neurotransmitter from a nerve cell or hormones from endocrine cells. Calcium is also necessary for muscle function, fertilization, and blood clotting, among other things. Because calcium is so critical, the cell regulates it tightly. Mitochondria play a part in this by quickly absorbing calcium ions and holding them until they are needed. Other roles for calcium in the cell include regulating cellular metabolism, steroid synthesis, and hormone signaling [Trusted Source](#).

Although symptoms of a mitochondrial disease vary greatly, they might include loss of muscle coordination and weakness, problems with vision or hearing, learning disabilities. heart, liver, or kidney disease, gastrointestinal problems, neurological problems, including dementia.

Other conditions that are thought to involve some level of mitochondrial dysfunction, include:

Parkinson's disease

Alzheimer's disease

bipolar disorder

schizophrenia

chronic fatigue syndrome

Huntington's disease

diabetes

autism

Over recent years, researchers have investigated a link between mitochondria dysfunction and aging. There are several theories surrounding aging, and the mitochondrial free radical theory of aging has become popular over the last decade or so.

In a nutshell, Mitochondria are, quite possibly, the best-known organelle. And, although they are popularly referred to as the powerhouse of the cell, they carry out a wide range of actions that are much less known about. From calcium storage to heat generation, mitochondria are hugely important to our cells' everyday functions.

Lifewave Energy Enhancer has been demonstrated to increase ATP/Mitochondria function of the cells! Engage your body's natural energy field with the perfect balance of physical activity and healthy recovery. Energy Enhancer® patches empower you to find your desired energy flow and embrace the feelings of whole-body health and vitality.

LIFEWAVE

PHOTOTHERAPY

# energy enhancer®

General Wellness patch

30  
PATCHES

causa, restless baby



## Energy Giver

Sunlight  
Whole, organic meals  
Exercise / movement  
Filtered water  
Fresh air  
Deep breaths  
Love and intimacy  
Setting boundaries  
Positive affirmations  
Quality sleep / rest  
Mindfulness  
Gratitude practice  
Gentle mornings / routines  
Intentional breaks  
Acts of kindness



## Energy Taker

Too much screen time  
Skipping meals / junk food  
No exercise  
Dehydration  
Clutter and mess  
Shallow breathing  
People pleasing  
Saying yes out of guilt  
Negative self-talk  
Poor sleep habits  
Overthinking  
Fear, doubt, stress  
Chaos and rushing  
Overworking  
Gossip and drama

LIFEWAVE

# No energy?



**Go for the natural boost...  
with Energy Enhancer!**



THE ONLY PHOTOTHERAPY  
PRODUCT IN THE WORLD THAT  
USES THE HUMAN BODY AS ITS  
OWN POWER SOURCE.



## NEED AN ENERGY BOOST?

Did you know that  
**energy enhancer** patches are  
**clinically proven to increase energy  
and endurance.**

***Kick-Start your day:*** Put a patch on in the morning to  
enhance your energy levels throughout the day.





Energy Enhancer is a natural, non-transdermal nootropic that supports increased energy production in cells, called beta-oxidation. This process burns fat and converts it into energy. It has been clinically shown to increase overall energy and stamina naturally.

Quality of life



David Schmidt  
LifeWave Founder & CEO

The LifeWave Technology was born out of **three years of intense research by David** into the concept of being able to naturally increase energy and stamina through elevation of fat burning, utilizing wireless communication to the human body via phototherapy.