

What is CoEnzyme 1?

CoEnzyme 1, also known as NADH is biologically available vitamin B3. It is the primary coenzyme which fuels over 1,000 metabolic processes in the body. It is quite literally cellular fuel.

CoEnzyme 1 was first discovered in 1903, but its role in the body was not fully understood until many years later thanks to the ground breaking work of Dr Walther Birkmayer. Dr Birkmayer received four honorary doctorates for his work on CoEnzyme 1.

How does our body use CoEnzyme 1?

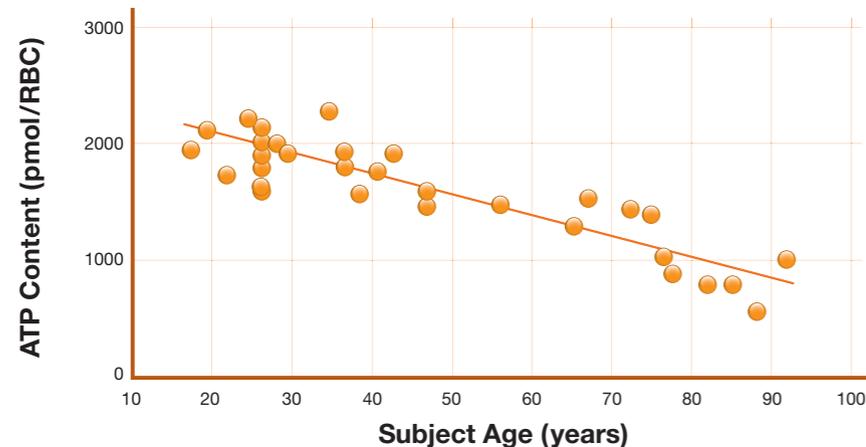
The ATP energy cycle is critical to all forms of life. ATP is the highly complex process where energy is created in order for our cells to function. CoEnzyme 1 is the vital fuel that is used in creating this energy from our food, oxygen and the sun. A loss of CoEnzyme 1 at a cellular level would create an ATP energy deficiency. Our bodies ATP energy is used to fuel all of our organs, muscles and bones.

Why do we need QuickSpark with active ingredient CoEnzyme 1?

CoEnzyme 1 is critical in the production of ATP energy, the energy that powers our cells and our entire body. As we age, our ATP levels begin to decline. QuickSpark is a convenient way for you to increase your ATP energy by supplementing your CoEnzyme 1 level.

ATP LEVELS DECLINE WITH AGE

A study on the ATP Content and ATP-Related Enzyme Activities in Human Erythrocytes, Eur J Chin (1997) 27, 327-332



Want better concentration? Need more energy?

- Provides Anti-oxidant protection for cells (1)
- Increases cellular energy and vitality (2)
- Offers a natural immune system boost in the body (3)
- CoEnzyme 1 is a coenzyme of Nitric Oxide which has been proven to relax the blood vessels resulting in more oxygen and nutrients for the body's cells and organs in turn allowing them to function more effectively (4)
- CoEnzyme 1 is the fuel responsible for over 1,000 metabolic processes in the body

When your body gets the fuel it needs it just works better!

Take 2 lozenges a day for effective, fast acting natural energy from the important energy-enzyme CoEnzyme 1.

Allow lozenge to dissolve naturally under the tongue and minimise swallowing for best effect.

Want more energy, naturally?

ORDER NOW!
20 lozenges, #1063

- (1) The antioxidative capacity of ENADA-NADH in humans, G Reibnegger, J Greilberger, G Juergens and K Oettl, University of Graz, Austria, 2002.
- (2) NADH supplementation decreased pinacidil-primed I K (ATP) in ventricular cardiomyocytes by increasing intracellular ATP, Pelzman B et al, 2003.
- (3) Nicotinamide effects oxidative burst activity of neutrophils in patients with poorly controlled type 2 diabetes mellitus, Oscar Z, Samanci T et al, 2004.
- (4) Moncada, S., Palmer, R.M.J and Higgs, E.A. Nitric oxide – physiology, pathophysiology and pharmacology, Pharmacol. Rev. 1991; 43, 109-142.
- (5) Stabilized NADH as a Countermeasure for Jet Lag, Gary G. Kay, Ph.D, Erik Virre M.D., Ph.D. and Jonathan Clark, M.D. 2001.
- (6) Effectiveness of NADH in Alleviating Effects of Sleep Deprivation in Healthy Middle-Aged Adults, Cornell University, 2001.
- (7) Reduced CoEnzyme 1 (NADH) Improves Psychomotoric and Physical Performance in Athletes, Georg D. Birkmayer, M.D., Ph.D., Pavel Vank, M.D., 1996.
- (8) CoEnzyme nicotinamide adenine dinucleotide: new therapeutic approach for improving dementia of the Alzheimer type, Birkmayer J, 1996.



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QuickSpark NATURAL ENERGY AT A CELLULAR LEVEL

The human body has millions of cells that require CoEnzyme 1 to function at their best

- Positively improve your concentration, focus and performance
- QuickSpark contains a patented formulation of CoEnzyme 1 that can naturally increase your cellular energy
- Clinical studies demonstrate the benefit of CoEnzyme 1



Get your extra
energy naturally
with QuickSpark

QuickSpark

NATURAL ENERGY

AT A CELLULAR LEVEL

- For when you're active and your body demands more
- For times when extra concentration is needed
- For when you need to keep going and going and going...

QuickSpark provides CoEnzyme 1, which triggers ATP* energy production at a cellular level

The more CoEnzyme 1 cells have, the more ATP energy is produced.

Everybody needs CoEnzyme 1 to fuel your cells so your body can function; so you can move your arm, blink, think, and breathe!



- ✓ Quick-Acting to help boost stamina and restore alertness and energy
- ✓ Provides 10mg CoEnzyme 1 which plays a primary role in energy production at a cell level
- ✓ Caffeine, sugar and calorie free. QuickSpark is NOT an artificial stimulant
- ✓ Effective, fast-acting lozenges that dissolve quickly and easily
- ✓ Quickly feel the difference
- ✓ Supported by science
- ✓ Contains a patented formula of CoEnzyme 1

Take QuickSpark and gain extra energy to fuel your day

*Adenosine Triphosphate is the main source of energy for cellular reactions



For Professionals and people with demanding careers

A clinical study found that individuals who received CoEnzyme 1 performed significantly better on 5 out of 8 cognitive measures. They also showed a trend for better performance on the other three measures, when compared to those who received the placebo. (5)



For students, shift workers, truck drivers or anyone short of sleep but still requiring mental clarity and focus

A Cornell University study found that subjects who took 20mg of CoEnzyme 1 and were tested after 24 hours of sleep deprivation, performed up to 400% better on visual perception and cognitive tests, compared to when they took the placebo. (6)



For Athletes and increased sports performance

A study by the Department of Sports Medicine at the University Clinic in Freiburg, Germany, tested highly conditioned athletes. After supplementing with 30mg of CoEnzyme 1 per day, they experienced an increase of 7% in muscular ATP, increased levels of oxygen in their bloodstream, lower lactate blood levels and improved recovery times. (7)



For the over 60's

In a study, subjects were given 10mg of CoEnzyme 1 per day for 8-12 weeks. Researchers observed a 240% increase in ATP activity and noticeable improvements in every participant's cognitive function during tests. (8)



None of the universities mentioned above endorse specific products or services as a matter of policy.

Talk to your Herbalife Independent Distributor about QuickSpark and how it can help you feel more energised and maintain peak performance every day