

ReConnect®

Scientifically endorsed

15 and 30 tablets

Improvement of cognitive performance and energy levels. High antioxidant capacity

Exclusively for healthcare professionals.
This information should not be shared with non-professional users.

VITAE



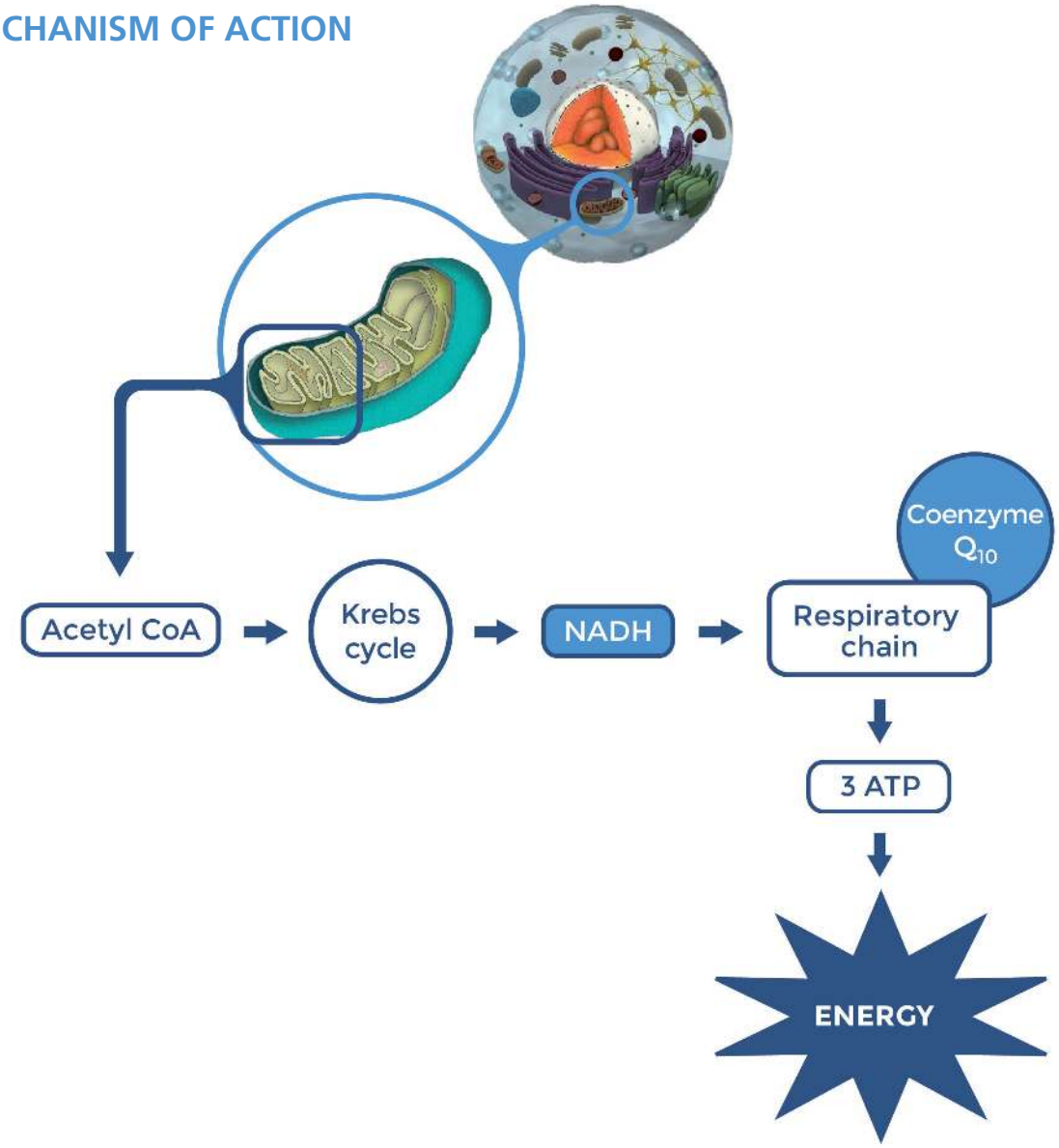
ReConnect®

Improves mental and physical performance

Reconnect® is a food supplement based on the combination of **NADH** (Co-E1), **coenzyme Q10**, **serine** and **vitamin C**, which thanks to the synergy of its components helps improve physical and cognitive performance. It does not have stimulating effect nor creates dependency.

Unique formulation developed by **Vitae Health Innovation** in collaboration with the Pharmacy Faculty of the University of Barcelona and clinically tested in the University Hospital Vall d'Hebrón.

MECHANISM OF ACTION



Reconnect® contains NADH and Coenzyme Q10, two key components in the elctrons chain to produce enery through ATP.

INGREDIENTS

NADH

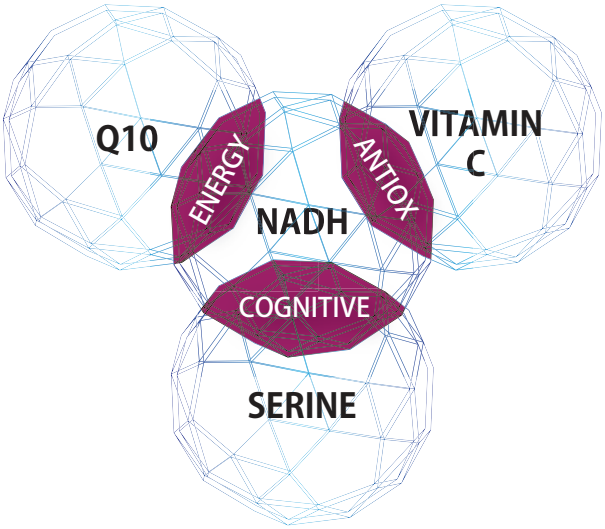
Coenzyme, along with Q10, leads to cellular energy production or ATP production via the Krebs cycle.

- Besides being essential in the production of ATP, is essential for the homeostatic functioning of about 500 different enzymes, being necessary for the viability and cell signaling, DNA repair, muscle function or resistance to oxidative stress [1-4].
- Antioxidant [5,6].
- Intervenes in the synthesis of neurotransmitters [7], in addition to delaying cellular senescence and the possibility of improving neurodegenerative diseases such as Alzheimer's, Parkinson or Huntington. [8-11]
- Proven efficacy in supplementation in patients with Chronic Fatigue Syndrome (SFC). [8-11]
- Helps provide muscle with more strength, resistance and resilience. [12]
- Improves symptoms of fatigue (physical, cognitive and psychosocial). [3,4,8,13,14]

CONEZYME Q_{10}

Reconnect® contains ubiquinone because we want to promote energy generation within the cell.

- Contributes to the generation of more than 90% of the energy (ATP) of the body since it is essential in the process of cellular respiration [1,15].
- Prevents DNA, lipids and proteins oxidative damage due to its remarkable antioxidant properties [15,16].
- Its supplementation has shown improvements in chronic fatigue syndrome, depression or insomnia [17,18].
- Neuroprotective action, stabilizing the mitochondrial membranes of the neurons due to oxidative stress as slows neurodegenerative disease progression (Parkinson's, Alzheimer's or Huntington) or any of its symptoms, such as migraines [19-24].
- Indispensable in the maintenance of blood vessels and heart muscle. [20-25] Improvements have been observed in cases of hypertension and atherosclerosis [26-28].
- Improves the feeling of fatigue and physical performance [29].



VITAMIN C

Essential antioxidant for our body.

- Contributes to myelination, repair and the correct neural function of the central nervous system during maturation. [33] In addition to participating in neuronal differentiation, maturation and survival. [34]
- Contributes to the learning process and memory, as well as at the structure and support of nervous system [34].
- Participates as a cofactor in the synthesis of collagen, amino acids, catecholamines and modulates neurotransmission [34-37].
- Powerful reducing agent under conditions of oxidative stress. Reduces damage caused by chemicals and pollutants neutralizing free radicals [35-37].

SERINE

Key amino acid in communication between nerve cells and with a fundamental role in cell proliferation.

- Reduces brain injury and improves neuronal recovery and neurological functions (motor, sensory, memory ...) [30].
- Contributes to the development of neuronal functions of the central nervous system [30].
- Neurotransmitter precursor [30].
- Component of the myelin sheath [31].
- Contributes to improve learning and memory [30, 32].
- Primary component of phosphatidylserine, abundant at the brainl [31,32].

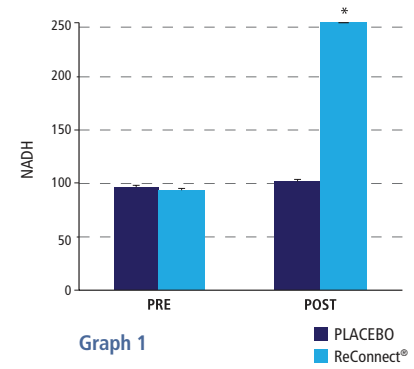
The effect of coenzyme Q10 and nicotinamide dinucleotide adenine (NADH) supplementation on maximum frequency cardiac output after stress test in patients with Chronic Fatigue Syndrome. Randomized double blind controlled study.

Jesus Castro-Marrero a, *, 1, Naia Sáez-Francás b, d, 1, María Jose Segundo c, Natalia Calvo d, Mónica Faro a, Luisa Aliste a, Tomás Fernández de Sevilla a, Jose Alegre. [21]

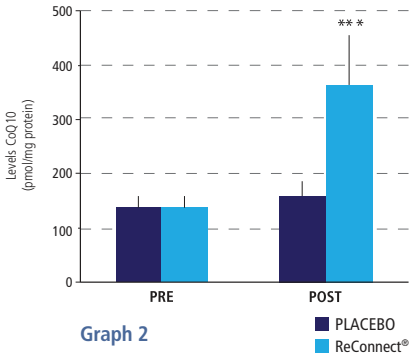
- Analysis of the levels of CoQ10 and NADH in Peripheral blood mononuclear cells (PBMC) showed clear differences between the groups at week 8.
- Reduction of the maximum HR in the treatment group (CoQ10 + NADH group) vs. placebo group F = 3.53, P-trend = 0.225
- Significant reductions in Fatigue Impact Scale (FIS) at 4 and 8 weeks of treatment in relation to the baseline value.
- Perception of sensory pain and affective (treatment effect) from the beginning up to week 8 were highest in the placebo group compared to the treatment group.

Patients treated with ReConnect® had less sleep disorders at week 8.

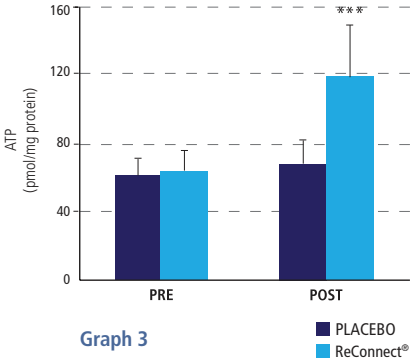
ReConnect® may have a positive effect on maximum CF during the exercise test performed, as well as an improvement in the perception of fatigue and pain of the patients.



Graph 1



Graph 2



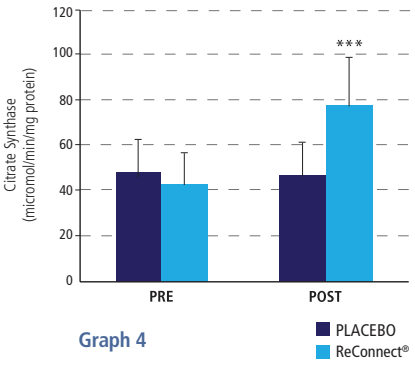
Graph 3

Does oral supplementation with NADH and Coenzyme Q10 improve fatigue and biochemical parameters in Chronic Fatigue Syndrome?

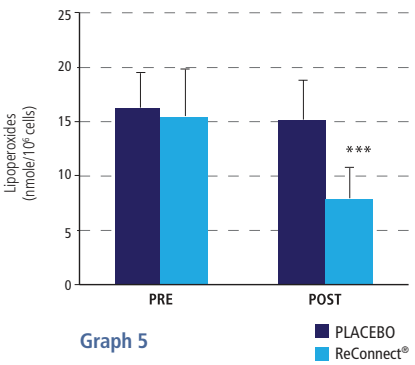
Dr. Jesús Castro-Marrero, Prof. Mario D. Cordero, María José Segundo, Naia Sáez-Francas, Dra. Natalia Calvo, Dra. Lourdes Román-Malo, Luisa Aliste, Prof. Tomás Fernández de Sevilla and Dr. José Alegre-Martín. [22]

Antioxidants & Redox Signaling magazine.

- Increase of the NADH molecule, deducting an increas energy production in the mitochondria. *Graph 1*
- Significant increase in CoQ10 levels. *Graph 2*
- Increased cellular energy (ATP). *Graph 3*
- Increase of the citrate synthase enzyme. *Graph 4*
- Reduction of oxidative stress (Lipoperoxides). *Graph 5*



Graph 4



Graph 5



ReConnect®

DIRECTIONS

Take 1 or 2 tablets a day 30 minutes before meals, preferably in the morning on an empty stomach and with a large glass of water.

GLUTEN FREE * LACTOSE FREE * SUGAR FREE *

Without sorbitol nor fructose

INGREDIENTS

Bulking agent (microcrystalline cellulose), bulking agent (dicalcium phosphate dihydrate), anticaking agent (talc), coenzyme Q10, sodium ascorbate (vitamin C), acidity regulator (disodium phosphate anhydrous), glazing agent (ethylcellulose), L- serine, coating agent (hydroxypropyl methylcellulose), anticaking agent (magnesium stearate), coating agent (hydroxypropylcellulose), NADH, coating agent (sodium alginate), stabilizer (medium chain triglycerides), color (calcium carbonate), color corrector acidity (anhydrous monopotassium phosphate), stabilizer (oleic acid), anticaking agent (silicon dioxide), anticaking agent (stearic acid), color (yellow iron oxide).

Nutritional analysis

Per daily intake	(1tablet)	(2 tablets)
Coenzyme Q_{10}	50 mg	100 mg
Vitamin C*	40 mg (*)	80 mg (**)
Serine	20 mg	40 mg
NADH	5 mg	10 mg

(*) 50%, (**) 100% NRV (Nutrient Reference Value)

Nutritional information	(Per 100 g)	(1 tablet)	(2 tablets)
Energy	1001,65 kJ (239,4 kcal)	7,1 kJ (1,7 kcal)	14,26 kJ (3,4 kcal)
Fat	9,5 g	0,07 g	0,14 g
Saturated	2,06 g	0,01 g	0,03 g
Carbohydrate	21,2 g	0,15 g	0,30 g
Sugars	0 g	0,00 g	0,00 g
Protein	2,4 g	0,02 g	0,03 g
Salt	4,98 g	0,04 g	0,07 g

RECOMMENDED FOR:

- **Improves cognitive function: learning capacity, concentration, memory and mental agility**
- **Increases stress management capacity**
- **Improves mood**
- **Regulates sleep-wake cycle**
- **Reduces fatigue**
- **Reduces memory loss due to age or medication**
- **Neurodegenerative diseases**
- **Improves fatigue and pain perception in Chronic Fatigue Syndrome patients**
- **Improves sports performance and reduces fatigue after an effort**



ADVANTAGES:

- **Unique formulation developed with Hospital Vall D'Hebron (Barcelona)**
- **Scientificially endorsed**
- **Doesn't have stimulating effect**
- **Doesn't create dependency**
- **Can be taken sporadically or as a treatment**

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ReConnect® is a food supplement. store in a cool dry place. keep out of reach of children. do not exceed stated recommended daily dose. food supplements are not to be used as a substitute for a balanced diet. it is recommended to have a varied balanced diet and a healthy life-style. consult your doctor or pharmacist before beginning supplementation in pregnancy, if you take any medications or if you suffer any illness.

VITAE

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