PRESENTATION

KAQUN WATER

Milan, July 2013
Kaqun Water - Abstract

The studies to realize the Kaqun water began over 20 years ago in the laboratories of the University of Salt Lake City (USA) and in the Research Center of the U.S. Navy. The technique has been perfected by an American researcher of Hungarian origin who now lives in Budapest.

This particular water is produced through a sophisticated technological process of electrolysis: it is the only one in the world which contains bioavailable and stable oxygen (long term) in an amount from 15 up to 26 mg / liter.

The electrolytic computerized process allows to obtain the molecular oxygen from the water itself, which is harnessed and made available by the mini cluster (molecular agglomerations of H₂O) and then absorbed by the skin or by the intestinal mucosa. In this way the bioavailable oxygen penetrates and spreads throughout the body regardless of the blood-respiratory way, overcoming any circulatory and cardiovascular systems problem.

It is clinically known that all chronic and degenerative diseases develop in the absence of oxygen. Therefore, this system is the only one that allows to effectively and naturally oxygenate (without recompression chamber) every part of the body: prevents and helps the care of the most important diseases of our time. The treatment has no negative side effects.

There are numerous clinical studies to prove what stated.

The Kaqun water is used in prevention and treatment, in the medical, sports, aesthetic fields. Particularly successful: the anti-aging, the skin rejuvenation and muscles revitalization.

The mode of use are:
- Bathroom in single tube of 250L for 45-50 minutes (average concentration 22-24 mg / l).
- Mineral water to drink: bottles of 0.5 liter and 1.5 liter (conc. average 15-26 mg / l).
- Face-body creams especially oxygenating: 50-100 ml (conc. average 15-26 mg / l).

The owner of the technologies is Kaqun European Ltd, of which Nes Medical is responsible for sales and dealership exclusively for Italy.

Kaqun European Ltd gives territorial exclusive concessions for individual countries. The domestic dealers can sell local sub-contracting.
Scientific premise

The Kaqun water is a normal water, drinkable, purified and filtered, but enriched with oxygen by means of a special patented technology, electrolyte matrix, able to produce and stabilize inside a high content of bioavailable oxygen. It is alkaline with a pH medium value from 7.8 to 8.2. It remains stable for over a year under standard conditions (15 °C).

In physical chemistry it is known that the common water has a tetrahedral molecular structure: this particular structure, electronically unstable, favors the formation of clusters, small and large gatherings of molecular H₂O (from a few tens to many thousands of molecules).

In the electrolytic computerized process, as a reaction to the electric impulse transmitted to particular electrodes immersed in water, the large clusters are disintegrated, and consequently some H₂O molecules dissociate, releasing the two essential components: oxygen, given its strong electric charge, is immediately captured and incorporated in the mini cluster, while hydrogen is partly free and partly remains dissolved to positively stabilize the system. It is important to emphasize that in biological systems only the small cluster can penetrate the cell membrane.

The production process and the visual and chemistry analysis of the Kaqun water do not indicate in any way free or rising oxygen or diffuse bubbles that can make you think of forced oxygenation or to ozonization or ionization. The peculiarity of the patent consists in partially change the molecular structure of the water, in its same solution, in its essential components, creating mini particular clusters of crystalline type prevailing in peroxide concentration in a range of 16-18 mg / liter up to 26 mg / l, the maximum possible concentration in constant stability. Natural mineral waters declare oxygen concentrations in the order of 3-4 mg / liter, exceptionally they arrive to 8 mg / liter.

If these surprising quality of the Kaqun water we place alongside the recent discoveries of the laboratories at the Stanford University and by the microbiologists of the prestigious MIT (Massachusetts Institute of Technology), according to which the speed of the cell oxygenation is ten times faster if oxygen is drunk instead of breathed and the quantity and quality of the absorption of oxygen through the liver and the intestine is six times more when we drink water properly oxygenated rather than when we breathe, you will understand the enormous scientific and commercial importance of this innovative technology.

In addition, Ukrainian and Hungarian researchers, who clinically tested the Kaqun water for more than seven years at various University hospitals, have shown that the best results in quality and quantity of oxygen absorbed happen in prolonged immersion of the body (45 - 50 min.) in a tube at 37°-38 ° C.

In the therapeutic bath the bioavailable oxygen is absorbed quickly by the skin by capillary and micro osmosis; initially exceeded the topic way, the effect on the various cell layers is
immediate and surprising: the hydration combined to the transcutaneous oxygenation causes the immediate cellular regeneration of tissues giving a spectacular radiance to the skin, combined with unparalleled softness and smoothness (antiaging effect). At the same time you feel a significant psycho-physical invigoration and improved availability of energy, the result of the spread in the body of oxygenating therapy, particularly suitable for the physical and psychological recovery from performance.

The clinical therapeutic effect is equivalent to a session of oxygen therapy in a hyperbaric chamber for at least 60 minutes, with no difficulties, risks, costs, contraindications. Are instead kept all the major therapeutic indications, starting from antiaging, aesthetic medicine, sports medicine, dermatology, etc., to go on with all the complexities of cardiovascular disease, lung, bone, inflammation and infection, pressure ulcers, diabetic foot, chronic and cancer.

Clinical studies/trials

Completed studies

University of Budapest - Dr Pal Katalin - Effects of high oxygen content water on tumor cells. 2004

Semmelweis University of Budapest, Faculty of Physical Education and Sport Sciences - Dr Tihanyi Jozsef
Effect of high oxygen content Kaqun water drink therapy and Kaqun bath therapy on psychophysiological parameters. 2007

National Institute of Chemical Safety - Dr Birò Anna
The effect of the Kaqun Water on the immune parameters of health volunteers. 2009

Hungarian Academy of Sciences Isotopes Research Institute, Department of Surface chemistry and Catalysts:
Report on assessing the role of Kaqun water with high oxygen content on formation of reactive oxygen radicals in in vitro system. 2009

Dr Kocsis Zsuzsanna, Dr Zoltan Macsek, Dr. Jeno Major, Dr. Imre Bordas, DR Kovacs Marta - National Institute of Chemical Safety,
Dep. of Molecular and Cell Biology Citotoxicity examination of Kaqun water in HepG2 cells /NICS. 2010

Dr. Wojnarovits Laszlo - Hungarian Academy of Sciences, Isotope Research Institute
Report on the examination of Kaqun oxygen-rich water’s role in reactive oxygen species generation in vitro system /HAS. 2010

Dr. Zoltan Marcsek - National Institute of Chemical Safety, Dep. of Molecular and Cell Biology
Study on the effect of Kaqun Water on antioxidant capacity. 2011

Effects of Kaqun Water on the speed of cognitive functions. 2012
Ongoing studies

**National Institute of Oncology**
The effect of the Kaqun Water in patients under oncology treatment. Randomized study.
TUKEB* 14064-2012

Studies in the process of authorization

**National Institute of Chemical Safety, Dep. of Molecular and Cell Biology**
Kaqun Water effect for humoral immune reaction

**Hungarian Academy of Sciences, Institute of Isotopes**
Functioning of the Kaqun Water

**Universitas Debreceniensis**
Mouse trials for ovary carcinoma and cervix carcinoma

TUKEB = Scientific and Research Ethics Committee