

SCIENTIFIC BOOK

A Journey
Under The Skin
Through **icoone**[®]


International Expert Meeting
Varignana | December, 3-4 2016



icoone[®]

The image features a light beige background with a subtle, large-scale network pattern of white dots and lines. In the center, the word "icoone" is written in a bold, lowercase, sans-serif font. A registered trademark symbol (®) is positioned at the top right of the word. A horizontal line is drawn beneath the word, with a small, upward-pointing dashed line segment centered under the letter 'o'. Below this line, the word "Meeting" is written in a smaller, italicized, lowercase sans-serif font.

icoone[®]
Meeting



I-Tech Industries srl, the producer of **icoone**[®], has always carried out innovative technologies to work with the skin and connective tissue.

We are willing to continue deepening our knowledge in order to improve and innovate our expertise.

We strongly believe in research: our mission is constantly searching and improving technologies, to stay at the edge of innovation.

We work constantly to develop new protocols, to support the **icoone**[®] users, and to keep growing.

For this reason, in December 2016, **I-Tech Industries srl** organized an International Meeting of Experts in order to share the experiences and to better understand the world around **icoone**[®].

The following pages are the extracts of the presentations the doctors made during the meeting.

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Dr. Jean-Claude Guimberteau,

Plastic surgeon, specialized in microsurgical replantation and transplantation. Member of the Aquitany Hand Institute that treats hand trauma and hand chronic diseases. This experience of hand surgery and microsurgery has made him perform a new procedure for tendon reconstruction with vascularized sliding system.

Dr. Guimberteau says:

“The skin and the subcutaneous tissue are in total continuity thanks to a global architectural fibrillar network named Connective tissue. These structuring fibers have their own internal mechanical behavior creating, by the intertwining in the 3 dimensions of the space, a microvolume (so-called microvacuole) filled or not with cells.”

This results in obtaining mechanical mobility and in an influence on the cells behavior. If the fibers move, the cells and blood vessels will move as well.

Here is where the action of *icoone*[®] takes place.

***icoone*[®]**, working on the fibers of connective tissue, improves their performance and works on the cell, stimulating its chemical production. It is a global action. An action made in a specific area of the body, has an effect also on distant areas.

***icoone*[®]**, promotes, stimulates the natural capabilities of the fibrillar network of the whole body.



Alizonne
THERAPY FOR CONTOUR SHAPING WEIGHT REDUCTION

Dr. Claudia Van der Lugt,

Doctor specialized in all kinds of lasers, fractional lasers and LED therapy. Member of various international organizations such as the Dutch Association of Cosmetic Medicine, European Society for Laser Aesthetic Surgery, Anti-Aging Medical Society. Medical director of Alizonne, clinic specialized in weight correction.

If we irradiate an area of the body **with icoone® LASER, the effects will affect other parts of the body** as cells release calcium and hydrogen ions affecting adjacent cells, resulting in an increased production of ATP and therefore activate the metabolism.

Dr. Van der Lugt says:

“The photomodulation activates the metabolism of the cells. The LED 650 nm stimulates fibroblasts for the production of collagen, improves circulation, provides oxygenation and detoxification. It triggers mast cells for debris clearing resulting in a rejuvenating effect.

The laser 915 nm, better absorption in adipocytes, increases their intracellular temperature, increases their internal metabolism, resulting in fat cell depletion and therefore slight volume reduction. The combined LED/laser action improves skin firming effect.”

icoone®



Prof. Beniamino Palmieri,

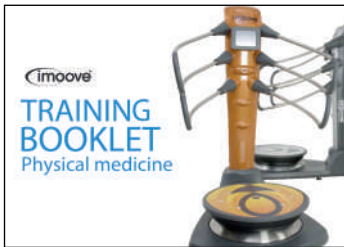
Associate surgery professor at University of Modena Medical School. Trained in clinical haematology & lab., general, plastic reconstructive and maxilla facial surgery. 250 international published papers and books, 50 issued patents, and more than 15.000 thousands operative procedures; expert in medical and surgical devices.

Roboderm® is an evolution of the vacuum technology and is the only one that can reproduce a **two-hands manual massage**. The **triple suction surface** allows a **better movement of the heads**. Thus the hands operate simultaneously acting easily and pleasantly both for the operator and for the customer.

Prof. Palmieri says:

*“**icoone®** represents a true revolution in the concept of connective tissue stimulation. **icoone®** stimulates the epidermis, superficial dermis, deep dermis and subcutis as a whole tissue. Its action is additionally effective on deep fat and muscles, reshaping skin elasticity and dystrophic panniculopathy. The rationale for further research in this direction is that the connective tissue, owing to its arrangement in a fibril reticulum and fiber bundles, is not an inert support structure but rather a dynamic system vital for relational life.*

*It intersects exquisitely with a polymorphous cell population, interspersed with proprioceptive and sympathetic-parasympathetic nerve fibers, thus composing a biomechanical, metabolic and very probably also a feedback immunoendocrine organ-regulatory system. As a means to rebalance energy within the connective tissue, **icoone®** offers much to be discovered”.*



Dr. Alain Bardon,

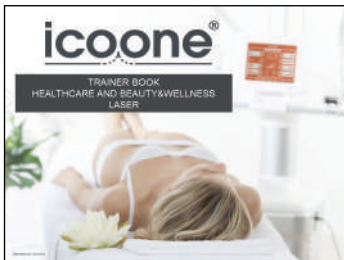
Osteopath, Physiotherapist. Specialized in bio mechanical and muscles rehabilitation. Expert in mechanized massages with rollers technologies for 25 years.

The **icoone**[®] stimulation acts on the mechanoreceptors which are also present in the vascular walls. Microcirculation is very important because it is connected with the autonomic nervous system (sympathetic system) in fact the vessels are innervated by sympathetic fibers. This creates an immediate response of the organism. This is why **with icoone**[®] **we produce fast reactions of the tissues.**

Dr. A. Bardon says:

*“**Multi Micro Alveolar Stimulation (MMAS)** can do it because icoone[®] treats the skin in a gentle and delicate way, without stress. icoone[®] stimulation allows metabolic exchanges between the cells.*

Therefore allows also creating, neurological Bio-feedback and targeting various levels of information (1° in situ, 2° metameric, 3° supra segmental, 4° limbic dispatching regulation, 5° immune stimulation, 6° cerebellar regulation, 7° cortical effects, 8° others effects).”



Dr. Chantal Bardon,

Physiotherapist, Osteopath. Specialized in reflexology and muscular chains. Expert in mechanized massage with rollers technologies for 25 years.

Also the balance of the body can be treated with **icoone**[®], by working on the muscles-aponeurosis bones links. The purpose of **icoone**[®] is to create micro-vascular blood supply, which will increase the blood flow in the bones.

Dr. C. Bardon says:

“icoone[®] causes a better balance between muscular-aponeurosis and bones tension. Therefore, this action releases local or global stiffness and allows a better posture and less postural pains.

This is an inside beauty effect.”

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EKIKAR
TRAINING SYSTEM

Dr. Frederic Dubayle,

Physiotherapist, Developer of new physiotherapy techniques rollers technologies evaluation expert.

Dr. Dubayle says:

“It is important to understand the new conception of connective tissue that gives a new insight on tissue bio mechanization. This is surely done through manual massage, but it is more specifically done through the mechanized technology of icoone®.

Therefore, this technology is an actual therapeutic device that acts on the connective space in all its dimensions. This allows a new approach on aesthetics, therapy and sport. icoone® has rightfully gained its place among therapeutic devices”

The development of the technology of **icoone®** was inspired by the palper-rouler manual massage. This development has led to the skin control level and a depth of action that we have achieved today. Every age has its improvements and techniques that better meet their needs.

Among the many beneficial effects of **icoone®** it is important the production and regulation of neuro-hormones done by the nervous system. These hormones affect general wellness, relaxation and emotions.

icoone®

This amazing journey under the skin organized by **I-Tech Industries** was an enjoyable sharing moment that allowed further strengthening our knowledge of skin and connective tissue.

We would like to thank the doctors that accompanied us during this event:

Dr. Guimberteau

Dr. Van der Lugt

Prof. Palmieri

Dr. A. Bardon

Dr. C. Bardon

Dr. Dubayle

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