

PRE AND POST-SURGERY WITH MICROSTIMULATION TECHNOLOGY: FROM TISSUE PREPARATION TO RECOVERY



🇮🇹 HEADQUARTERS

i-Tech Industries Headquarters are strategically based in **Bologna, Italy**.

With around 2000 sqm facility, i-Tech is able to provide its rapidly growing-worldwide base market with the most innovative technology.

OFFICES

- ✓ International Sales
- ✓ International Training Center
- ✓ Marketing & Communication
- ✓ After Sales and Quality
- ✓ Production & Logistics
- ✓ Research & Development
- ✓ Administration

CERTIFICATIONS



Organismo Notificato n. 0476
Notified Body nr. 0476



SKIN EXPERTS

THE CULTURE OF SKIN CARE TO IMPROVE QUALITY OF LIFE.

Today, i-Tech Industries distinguishes itself for the creation of a "skin care culture" by developing cutting-edge technologies that offer effective solutions for improving quality of life.

Throughout its history, the company has studied, divulged and communicated important scientific discoveries on the skin and its treatments, with the aim of disseminating greater knowledge on this vitally important organ in its target markets, and of designing technologies and services of high scientific and technological value, whose primary purposes are to meet individual needs in terms of beauty, well-being and health.

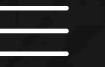
VISION AND REVOLUTION

Gianfranco Tudico is a skin specialist with 30 years of experience in the beauty and medical equipment industry.

Tudico, after Guimberteau's discovery, realized that his technology was going the right way. After many years of trials and prototypes he invented and patented the Roboderm[®]; the only technology able to deliver Multi Micro Alveolar Stimulation, a breakthrough in the care of connective tissue which, through mechanical stimulation, allows to treat a variety of skin conditions.

This was the first step for icoone[®].

Dr. Gianfranco Tudico
CEO and Head of R&D





PROF. JEAN-CLAUDE GUIMBERTEAU
PLASTIC SURGEON AND SCIENTIST

A NEW UNDERSTANDING OF THE SKIN



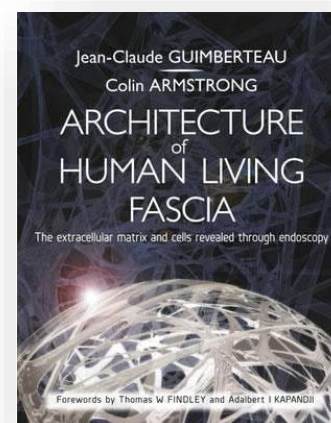
Dr. Jean-Claude Guimberteau is a worldwide famous plastic surgeon and scientist specialized in replantation and transplantation.



He has dedicated many years to study the skin and his research has shown that subcutaneous tissue consists of a myriad of microvacuoles constituting the functional and continuous core of the overall connective tissue.



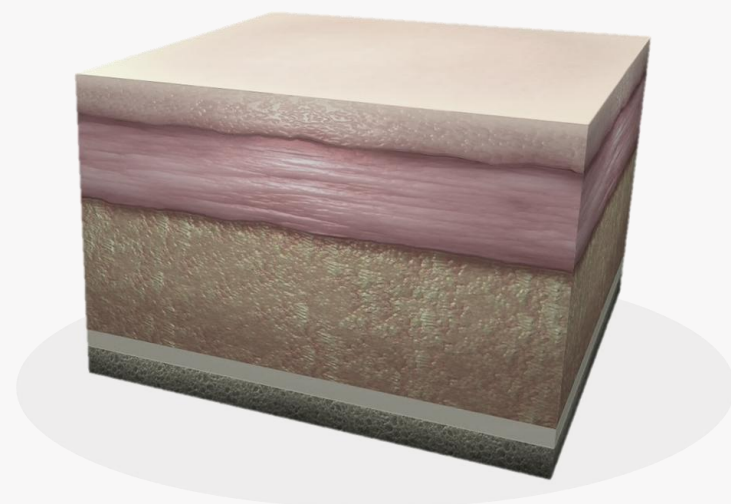
This new conception of the skin structure has driven us to develop new and efficient treatment solutions, that have never been explored before. This is the origin of our revolution in the connective tissue treatment.



The connective tissue is composed of fibrillar strands ranging in all directions and which define the interfibrillar space called microvacuole.

This is what Dr. Guimberteau's team calls "Multimicrovacuolar Collagen Dynamic Absorption System (MCDAS)"

A NEW UNDERSTANDING OF THE ARCHITECTURE OF THE LIVING MATTER



PAST

The body has always been considered as a set of different functional elements.



NOW

Microvacuole is the functional unit of the skin. The tensions and pressures are distributed in all directions. Its collagen structure is composed by fibers which divide, expand, reduce and slide one on the other.



MICRO-MOVEMENTS OF SKIN

It was discovered that the skin is animated by spontaneous and autonomous micro-movements.

These micro-movements slowly or locally disappear in presence of scars, burns, sun damage, pollution and aging.

i-Tech approach is an innovative technique that meets the requirements and needs of the connective tissue, in order to solve the problem of laxity and skin aging process.

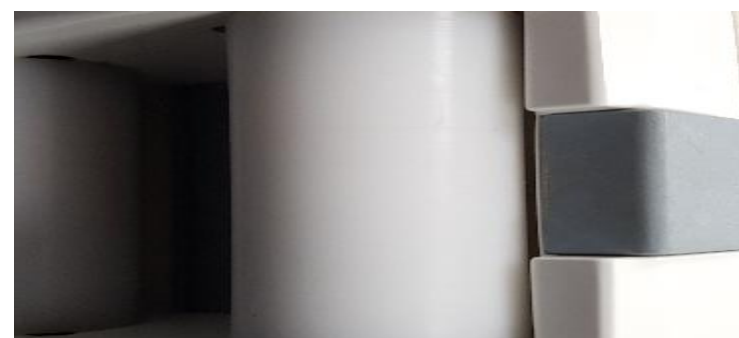
When the connective tissue fibers are subjected to icoone[®] action, they transmit the stimulation to all other fibers connected to them.





ROLLERS

A revolving cylinder over or on which something is moved or which is used to press, shape, spread or smooth something.



MICROSTIMULATORS

Cylinder equipped with micro holes able to perform an action of Multi Micro Alveolar Stimulation on the connective tissue.



86%

of the total surface in our microstimulators is covered by micro-holes dedicated to active stimulation

The microstimulators rotate forward, backward, inward and **outward** to release multiple skin stimulation, according to the desired goals. The micro holes matrixes designed on the surface of the microstimulators (roboderm®) work and **stimulate** perfectly the **microvacuoles** located in the subcutaneous tissue.

The **connective tissue** fibers that delimit microvacuoles transmit this stimulation to deeper tissues.

ICOONE LASER MED



ROBOSOLO

15.600
Microstimulations
per minute
with laser and led action



ROBOTWINS

21.600
Microstimulations
per minute



ROBOMINI

14.400
Microstimulations
per minute



ROBOMICRO

Up to 13.200
Microstimulations
per minute



650 LED SKIN REJUVENATION

stimulates fibroblasts in connective tissue to produce collagen and elastin, while also targeting fat cells to release fat

915 nm LASER BODY SHAPING

It can reach the deeper layers of the tissue, and it acts on the cell, penetrating it and enhancing lipolysis



SCIENTIFIC STUDIES AND COMMITTEE

SCIENTIFIC STUDIES

i-Tech Industries has always been focused on the study of the skin structure and its changes, improving its expertise in this area over time. This was possible thanks to the continuous, daily work of its specialists in terms of scientific research and innovation, and a systematic sharing of information with its clients.



SCIENTIFIC COMMITTEE & ANNUAL MEETING

i-Tech Industries Scientific Committee Meeting takes place **every year** with the aim of developing innovative solutions for the skin care, based on the new research and scientific studies conducted by its skin expert team.



ICOONE IN PLASTIC SURGERY

icoone[®]
MEDICAL



THE ACTION OF THE MICROSTIMULATION IN SURGERY



i-Tech Industries has developed and disseminated an important **scientific study** with the aim of showing the impact of **Multi Micro Alveolar Stimulation (M.M.A.S.)** on normal and **scarring tissues**.

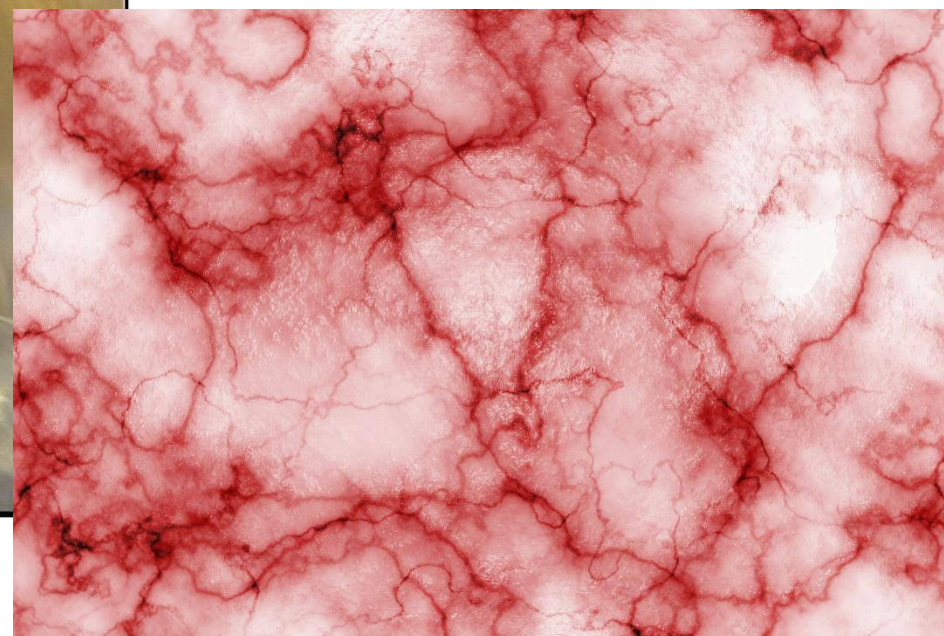
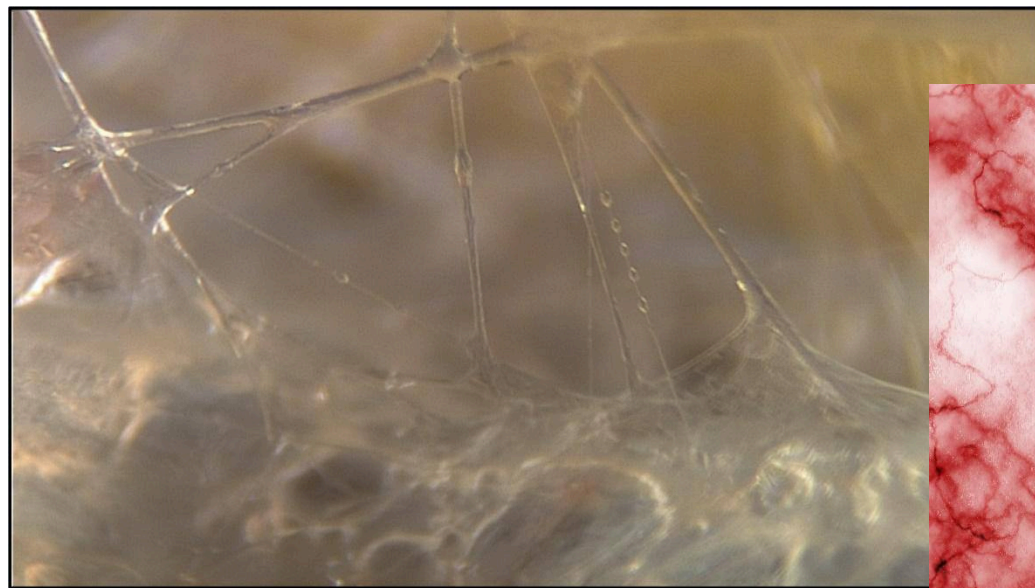
This study - conducted by i-Tech Industries in collaboration with Dr. Jean-Claude Guimberteau, Dr. Elias Sawaya and the Saint Martin Hospital Pessac (Bordeaux) team - was carried out during a **surgery, under regional anesthesia**, on a patient who gave his consent to this demo.

It was performed with an **endoscope** and a **3D camera** to evaluate the skin structure, both internally and externally.



The fibers, extracellular matrix and cells observation under the action of the Multi Micro Alveolar Stimulation (M.M.A.S.) on normal and scarring tissues.

i-Tech
INDUSTRIES
The Science of Skin



The fibers, extracellular matrix and cells observation under the action of the Multi Micro Alveolar Stimulation (M.M.A.S.) on normal and scarring tissue.

ICOONE FOR PLASTIC SURGERY

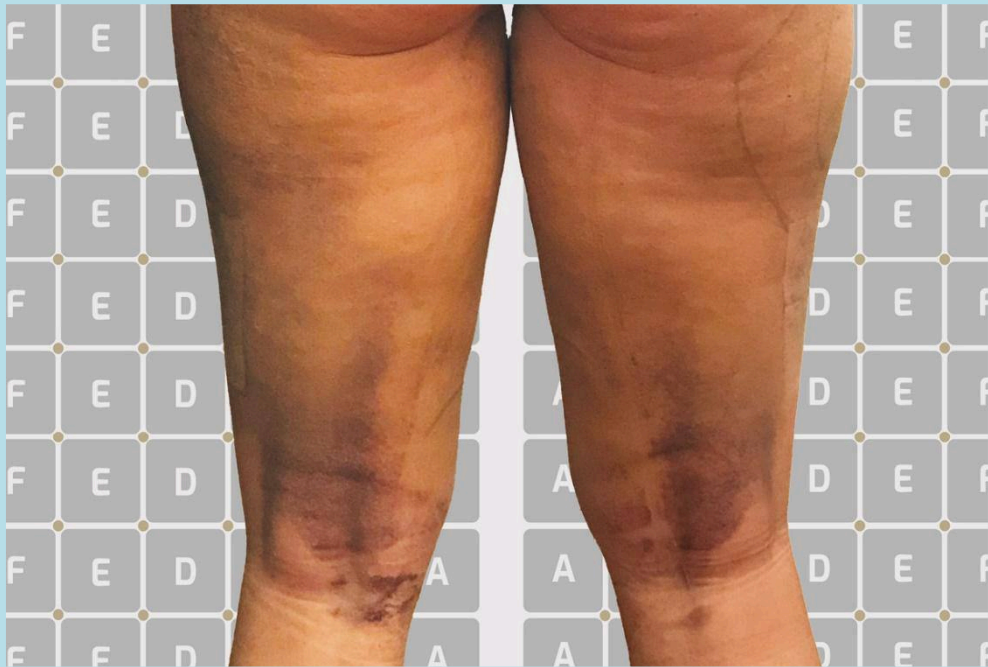
APPLICATIONS:

- TISSUE PREPARATION BEFORE SURGERY
- RECOVERY AFTER SURGERY
- LIPOSUCTION
- RHINOPLASTY
- BLEPHAROPLASTY
- MESOTHERAPY
- LIPOEDEMA AND LYMPHEDEMA

ADVANTAGES

- FAST RECOVERY POST SURGERY
- NO PAIN, NO THERMAL EFFECT, NO APOPTOSIS
- USABLE FEW HOURS AFTER SURGERY
- DO NOT DAMAGE TISSUE
- CAN BE APPLIED AFTER INJECTIONS
- IMPROVE BLOOD FLOW, AND TISSUE OXYGENATION
- REABSORPTION OF EDEMAS AND HEMATOMAS

RECOVERY AFTER LIPOSUCTION



Frequency: once a week



Session time: 30 minutes



Benefits: hematoma reduction and improvement of fibrosis appearance



BEFORE

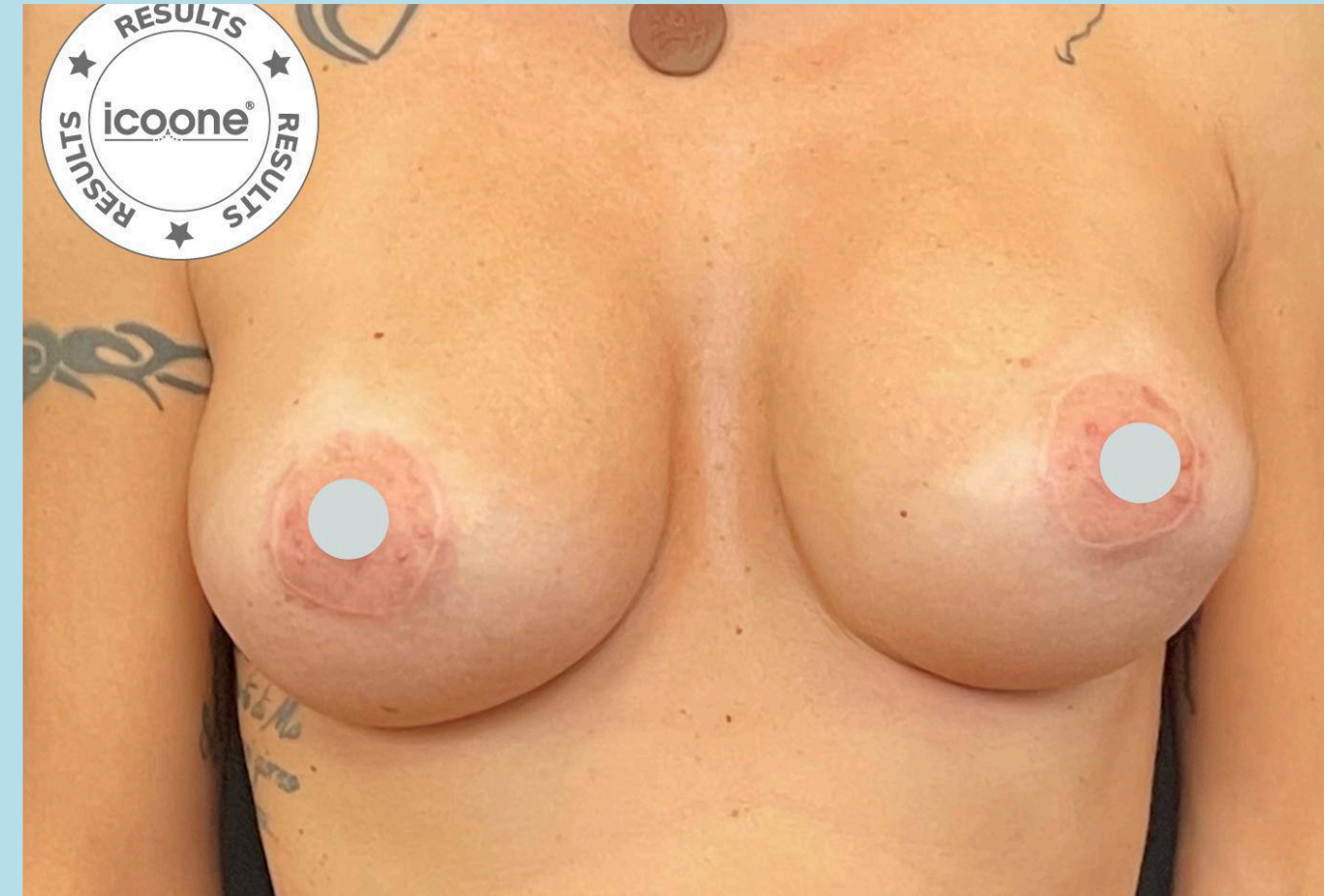


AFTER 6 SESSIONS

MASTOPLASTY RECOVERY



B E F O R E



A F T E R 6 S E S S I O N S



Frequency: once a week

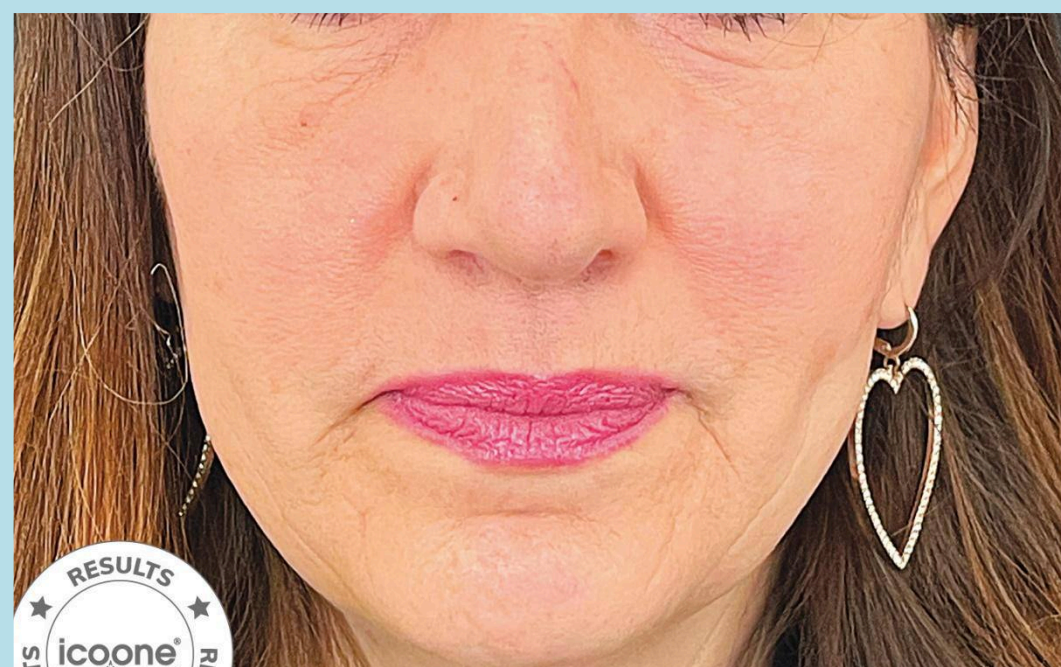
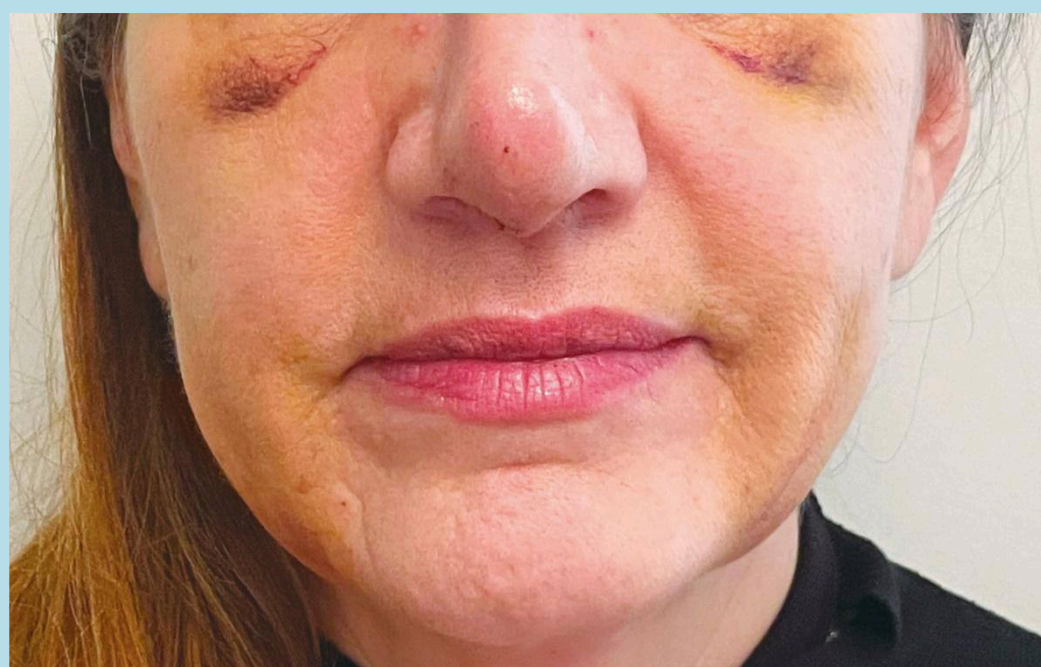


Session time: 20 minutes



Benefits: fibrosis and oedema reduction

BLEPHAROPLASTY RECOVERY



BEFORE

AFTER 5 SESSIONS



Frequency: once a week



Session time: 20 minutes



Benefits: visible reduction of the bruises due to surgery and improvement of the face contouring

ICOONE UNIQUENESS

THE **ULTIMATE TECHNOLOGY** IN **SKIN TREATMENT** FOR **BODY** AND **FACE**

- **ROBODERM® EXCLUSIVE AND PATENTED TECHNOLOGY**
- **TWO-HANDS MASSAGE, MAKING IT EFFORTLESS FOR THE OPERATOR**
- **100% NATURAL, NOT INVASIVE AND PLEASANT EXPERIENCE**
- **EVERYDAY APPLICATION**
- **SUITABLE FOR DAMAGED SKIN**
- **EFFECTIVE IN 20 MINUTES**
- **PAINLESS AND SAFE POST-SURGICAL RECOVERY**
- **PRE-SURGICAL TISSUE PREPARATION TO REDUCE INFLAMMATION**
- **TISSUE FUNCTIONS RESTORATION WITHOUT SIDE EFFECTS**
- **REDUCES POST SURGICAL EDEMA**
- **ACCELERATE TISSUE RECOVERY**
- **VISIBLE RESULTS FROM THE FIRST SESSION**

**THANK YOU FOR YOUR ATTENTION
ANY QUESTIONS ?**

www.icoone.com



icoone[®]