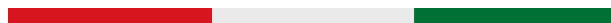


STAR WAVE



STAR
WAVE
The Healthy Wave



Since 1947 ALWAYS PROTAGONIST

The **STARWAVE** embodies the enduring, innovative and endlessly progressive spirit of PAGANI and it's part of a story that dates back over 70 Years.

PAGANI has been officially established in Milan in 1947, and was designing and manufacturing until Year 1980 for some of the most diffused trade-marks into the medical field. From the mid 1980s, PAGANI would become famous all over the world thanks to the development and introduction of its new ROLAND Brand.

ROLAND range of products early became a point of reference both in terms of technology and design; few years later PAGANI has been awarded with the Golden Compass Award.

Design by
Studio Carozzi - Milan
Golden Compass Award



Italian Design

PAGANI DESIGN LANGUAGE

S T A R W A V E is a perfect combination of design, performance and creative ideas.

A device with simple, elegant lines, given prestige by exquisite materials. Sculpted forms and clearly defined shapes, linked by forceful lines that generate movement.

S T A R W A V E is the mystique Italian beauty and arts with a history of scientific development and smooth refinement.





Once upon a time... **A SUCCESS STORY**

S T A R W A V E is the latest device coming from the new PAGANI development: **S T A R W A V E** is continuing the success in a more modern key already marked thanks to the first Roland PSW version, a revolutionary and precursor device, which was the first shock wave therapy device made in Italy.

Today, **S T A R W A V E** is offering shock waves therapy to medical professionals as the most innovative and effective answer in the field of compact equipment with non-focal (or radial) emission modality.

The ideal machine, for compactness, performance, emission mode for all professional operators in order to successfully treat various chronic and pseudo-chronic pain and inflammatory disorders of the skeletal and tendinous muscle system.



Star Wave **THE IDEAL DEVICE**

S T A R W A V E is the ideal device for shockwave therapy specifically designed for all those operators, Physiotherapists and Physicians, looking for an effective device capable to be used respecting patient's comfort .

On this regard, **S T A R W A V E** is provided with all the prerogatives of a specialized product, in full compliance with the parameters of energy and effectiveness of the methodology belonging to the specific skills of the figures of the Physiotherapist and Physician who can operate freely and independently in a professional Ambulatory, without any limits in potentiality, effectiveness and performances and the prerogative of a method that has entered forcefully into the knowledge and potential assets of the Physiotherapy field.

S T A R W A V E is a device capable of performing radial, non-focused shock waves; it is provided with compact size, suitable energies capable to be effectively used in a great variety of pathologies, respecting patient comfort and without significant side effects or adverse reactions.

STARWAVE

Pain Relief







Innovation

AN INNOVATIVE DEVICE FOR A SUCCESSFULLY THERAPEUTIC APPROACH

Shockwave Therapy has actually generally changed the general approach in many musculoskeletal disorders. And today, thanks to STAR WAVE, this new therapeutic approach becomes more and more adapted to the needs and knowledge of Physiotherapy field.

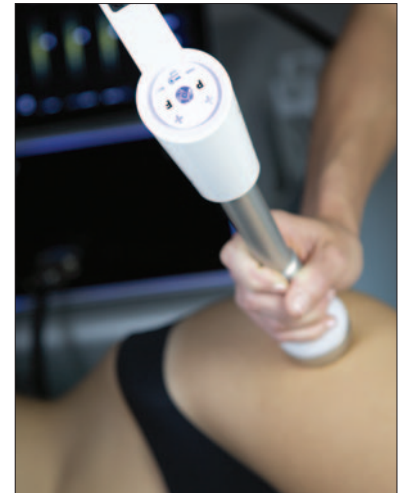
Shockwave Therapy has proved particularly effective in the treatment of tendon pathologies, in bursitis, in the stimulation of tissue repair in general, where hyperemia and local vascularization play an important role and mechanical stimulation induces pain relief. The therapeutic benefits come along with the reduction of muscle tension and functional recovery, the reduction of pain and the restoration of normal physiological conditions.

Natural Healing

STIMULATES THE NATURAL PROCESS OF HEALING OF TISSUES, REDUCES PAIN AND INFLAMMATION

The main effects of shock-waves therapy are as follows:

- Stimulation and acceleration of the soft tissue healing process (muscles and tendons);
- Influence of metabolic conditions of biological tissues to stimulate anti-inflammatory and analgesic actions;
- Increased collagen repair process to stimulate bone reconstruction;
- Offer an additional therapeutic opportunity to all patients who have not obtained any benefit from all the most traditional therapeutic modalities;
- Offer a therapeutic opportunity to prevent surgery.



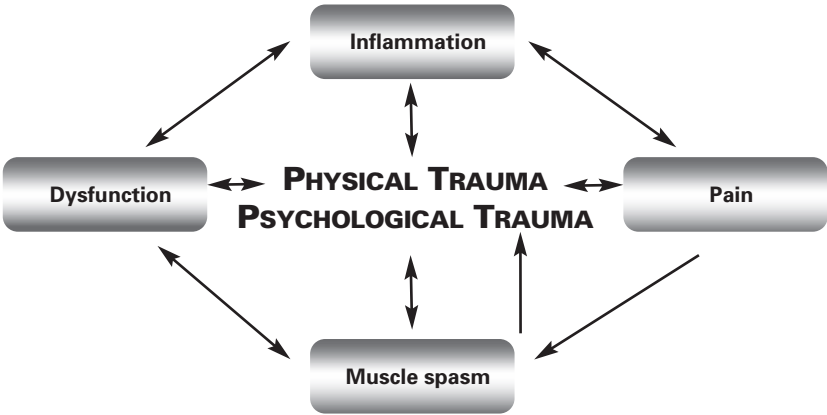
Pain & Inflammation

EFFECTIVE IN TREATING PAIN AND INFLAMMATION

Hyperemia and vascularization

It's reasonable to think that re-vascularization should be related to neo-capillarogenesis coming from the repairing of basal membrane and due to the flow of endothelial cells into the interstitial spaces.

This is why it makes easier and faster metabolic changes into the affected tissues, stimulating reparative processes and elasticity process of the soft tissue.





Patients' satisfaction

1 150 calcifications
210 tendinitis
74% POSITIVE

3 48 pubalgia
24 SII
94% POSITIVE

5 48> tendinitis
84% POSITIVE

2 78> epicondylitis
& epitrocleitis
75% POSITIVE

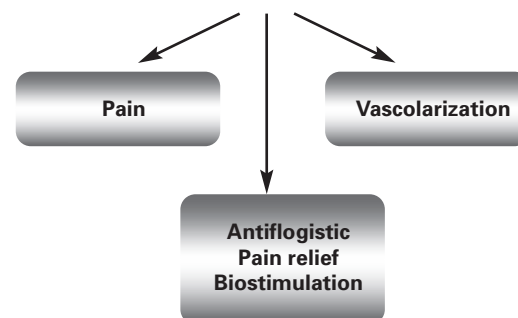
4 15 rizoarthrosis
33 jerking finger
71% POSITIVE

6 84 achill's tendinitis
51 plantar fascitis
87% POSITIVE

Action over pain

- Nociceptors action with changing of membrane cells able to avoid potential action causing pain;
- Inhibition of centripet conduction of pain due to pressure impulses over the nociceptors;
- Activation and delivering of endorphins and encephalines reducing pain feeling;
- Activation of Merkel's corpuscles (pressure's receptors) with antagonistic reaction of stress based on catecolamines.

BIOLOGICAL EFFECT







STARWAVE

Physio Aesthetics

Sculpt Your Body

BODY SCULPTING!

S T A R W A V E into the PhysioAesthetics has been developed for improving appearance of cellulite and reducing excess of localized fat.

Shock-Waves is provoking mechanical vibrations of the connective tissue in specifically affected areas of the body, improving skin appearance. **S T A R W A V E**, into the expert hands of clever operators, becomes like the “chisel” of the sculptor who is shaping his sculpture to perfection.

International evidences are attesting effectiveness of shock-waves into the treatment of some of the most common imperfections, such as localized fat, cellulite, liquid retention, skin elasticity and tightening. Smashing and melting of hardened connective tissue with the consequent metabolic block of subcutaneous fat does not occur through the administration of medicines, but thanks to the mechanical energy and micro-massage, which concentrates on the first 2.0/4 cm of depth, where cellulite is located.

The elimination of liquids in excess and metabolic wastes occurs through a natural re-absorption of the lymphatic system; Shock-Waves cause an increase of skin permeability preparing it to the use of anti-cellulite gel or other substances.



Non-Invasive solution

NON-INVASIVE SOLUTION TO THE IMPERFECTIONS AND APPEARANCES OF CELLULITE AND LOCALIZED FAT

It is proved that **S T A R W A V E** shows its maximum effectiveness thanks to the micro-massage.

- Metabolic: it is made by the increasing of membrane permeability which make easier metabolic exchanges, by accelerating metabolism and calories consumption.
- Circulatory: warm which is coming from hyperemia that mechanical action is capable to generate inside the human body, by improving blood flow.
- Fibrolitic: "micro-massage" treatment is capable to destroy fibrotic tissue. This is made from piezoelectric and mechanical waves, which make cavitation effects from the acoustic wave made from pulse width and frequency of shock-waves.
- Hardening: mechanical action, from the superficial tissue, makes a very hard stimulation of connective tissue and collagen. This stimulation grants a good aesthetic improvement of skin and elasticity.



The Best of You

FAT & CELLULITE BYE BYE!

The use of shockwaves is based on the mechanical vibrations able to transmit on the tissues of the human body as acoustic waves. One of the most important properties of acoustic waves is cavitation process.

The treatment with shockwaves, it is not a treatment for cellulite only, but it is effectively used in the treatment of aesthetic skin defects, appearance, skin laxity, edema of aesthetic nature.

S T A R W A V E is effective in treating fat due to its capability to improve local circulation, which is stimulating the dermis of elastic structure, thus toning up the skin, helps the drainage of substances expelled into the tissue fluid, change the configuration and static structure of adipose cells thanks to the cavitation, increase membrane permeability for introducing special medical substances able to perturbing fat.

The main target is to improve aesthetics of skin, increasing elasticity and atrophy of the different tissues; of course, to reduce edema and liquid retention which the patient could feel like pain and tiring.



Comfort & Reliability

DESIGNED FOR GRANTING COMFORT AND SIMPLE MAINTENANCE

S T A R W A V E is provided with Patented Applicators for an effective and at the same time minimally aggressive treatment.

The applicator designed by PAGANI consists of a special radiating area; energy comes from the radiating area to the patient's tissue. The transmission capabilities of the applicator have been tested at the specialized Laboratory belonging to Breda Company, one of the most competent site working in a partnership with the University in Milan. Each applicator has been tested in terms of depth, penetration and delivered energy by using some simulacra of the various body tissues.

Ergonomic applicator

The lightweight and ergonomic applicator ensures comfortable use during treatment. The control keys, integrated in the applicator, allow a practical adjustment of delivered energy and frequency rate.

Long life and minimum maintenance

The hand-piece has been designed to confer qualities and durability. Each part of the hand-piece could be maintained and, while necessary, replaced. Cheap in maintenance and after sales service, **S T A R W A V E** shall become your most powerful ally.

Effective Energy

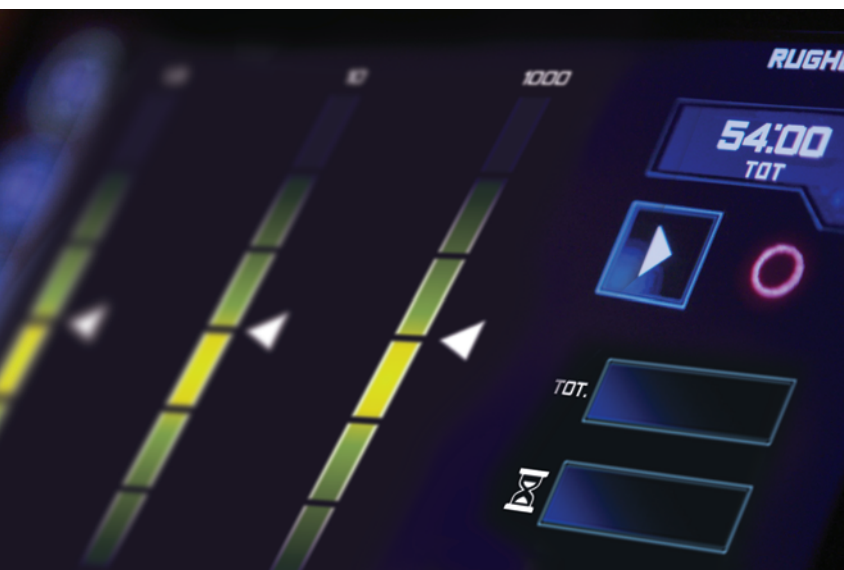
EFFECTIVE MECHANICAL ENERGY

Mechanical energy is absorbed by the tissue and decreases as the distance from the application site increases. Mechanical stress triggers reactions in the tissue that have a positive influence on a wide range of orthopedic and neurological conditions.

Shock Waves Therapy is used in to the physiotherapy field all over the world with great success. With **S T A R W A V E**, PAGANI now offers a system that brings together all the advantages of the applications in a compact form, with lower operating and downstream costs, easy to use and to be applied with maximum flexibility and mobility.

INTERACTIVE HAND-PIECE





Pagani Touch

PAGANI TOUCH CONTROL PLUS

The 10.1" PAGANI **Touch Control Plus** unit takes pride of place at the top of your **STAR WAVE**.

With very few buttons plus a highly responsive interface, it is designed to help the operator maintain focus on the session ahead and mastering it is intuitive and easy.

Voice Assistant & External Connections

The system incorporates **Voice Assistant** helping the operator in choosing and selecting all functions, along with connections to external USB key and SD Card for entering logo of each center, pictures before and after the treatments.

Tutorial Info and Videos

For each type of treatment the **Touch Control Plus** combines two consultation keys: the first one is an **INFO** button that the operator may consult, listening the information and suggestions thanks to the **Voice Assistant**; the second one is a **VIDEO** key where the operator may enter for watching how to perform the selected treatment.





Wide coloured touch-screen



Memory Recording

YOUR VIRTUAL MEMORY

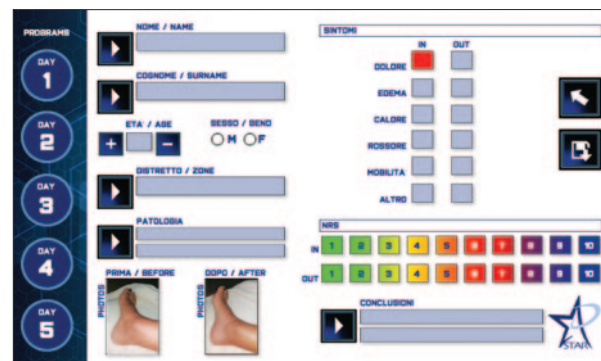
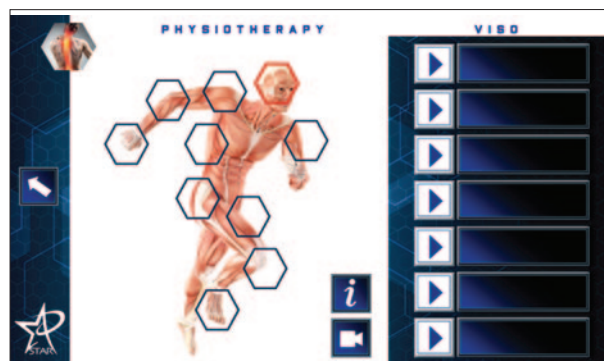
Further to the manual setting, **S T A R W A V E** allows you to use three different approaches:

- 1- large library of pre-set programs for Women and Men
- 2- customized memories
- 3- Client's data-base

Into the Client's data-base You may enter the personal data of each Client along with the input details useful to the treatment and the output details at the end of the sessions.

By comparing those details before and after the sessions, you will get a full report where all results will be clearly displayed.

Further to the circumference, BMI and fold before and after the treatments, you can also enter pictures images before and after the treatment.



Star Standard

STAR STANDARD ACCESSORIES

All accessories belonging to **STAR WAVE** come from the same standard in terms of quality and accuracy of the unit itself. Each of them has been designed for making **STAR WAVE** more comfortable and versatile for answering to the requirements of each operator.



STAR trolley on-castors



Carrying case on castors

Advanced assistance PAGANI TRAINING COURSES

S T A R W A V E shall become every journey an unforgettable experience. Our Master PAGANI **S T A R W A V E** courses are designed to help you unleash the full potential at your fingertips – whatever your ability or experience, whatever the terrain. Master PAGANI courses also reflect the principles that guide everything we do. We offer, for instance, tailored one-to-one instruction from expert beauticians who provide coaching from the Client who gets the unit and never had any experiences.

BECOME A MASTER OF S T A R W A V E

Imagine a Formula 1 practice session. Now put yourself in the driving seat. This is where your journey begins. With this course, you'll learn the fundamentals of **S T A R W A V E** while safely exploring the performance and effectiveness of your new device.





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