ELETTRONICA
PAGANI
ITALY

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LUXURY CONCEPT IN PHYSIOTHERAPY

The True

THE TRUE SPIRIT OF PAGANI

The **STAR** embodies the enduring, innovative and endlessly progressive spirit of PAGANI and it's part of a story that dates back over 70 Years. PAGANI was been officially established in Milan in 1947, but in 1943, during the war, Rolando Pagani built the first portable surgical device. A short while later, he designed some new compact physiotherapy devices.

The PAGANI drive to innovate and passion for technology and human care, made the transition into the Medical Field inevitable. It was a move that reaped countless rewards on the world stage. All this is delivered by the latest **STAR**.

And the striking **STAR** device adds yet another compelling dimension to the experience.

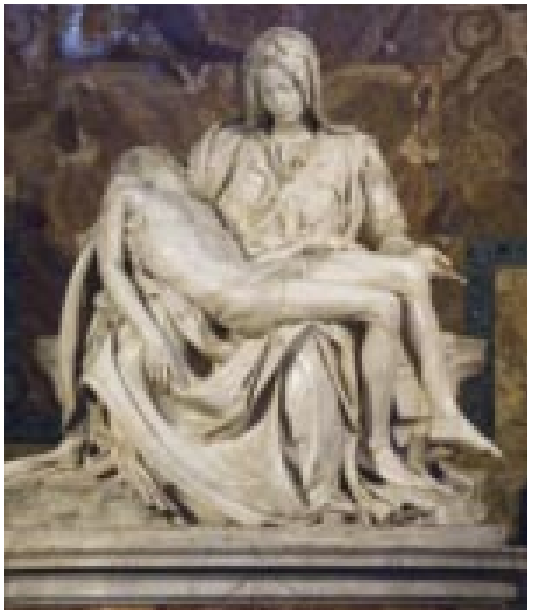
Design by
Studio Carozzi - Milan
Golden Compass Award

Italian Design

PAGANI DESIGN LANGUAGE

When it comes to design language, the **STAR** speaks fluent Italian. And wherever you look, the messages are clear and compelling. Visual and functional highlights include LED all around and compact proportions.

STAR is the mystique Italian beauty and arts with a history of scientific development and smooth refinement.



Tecnology

PAGANI TOUCH CONTROL PLUS

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

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

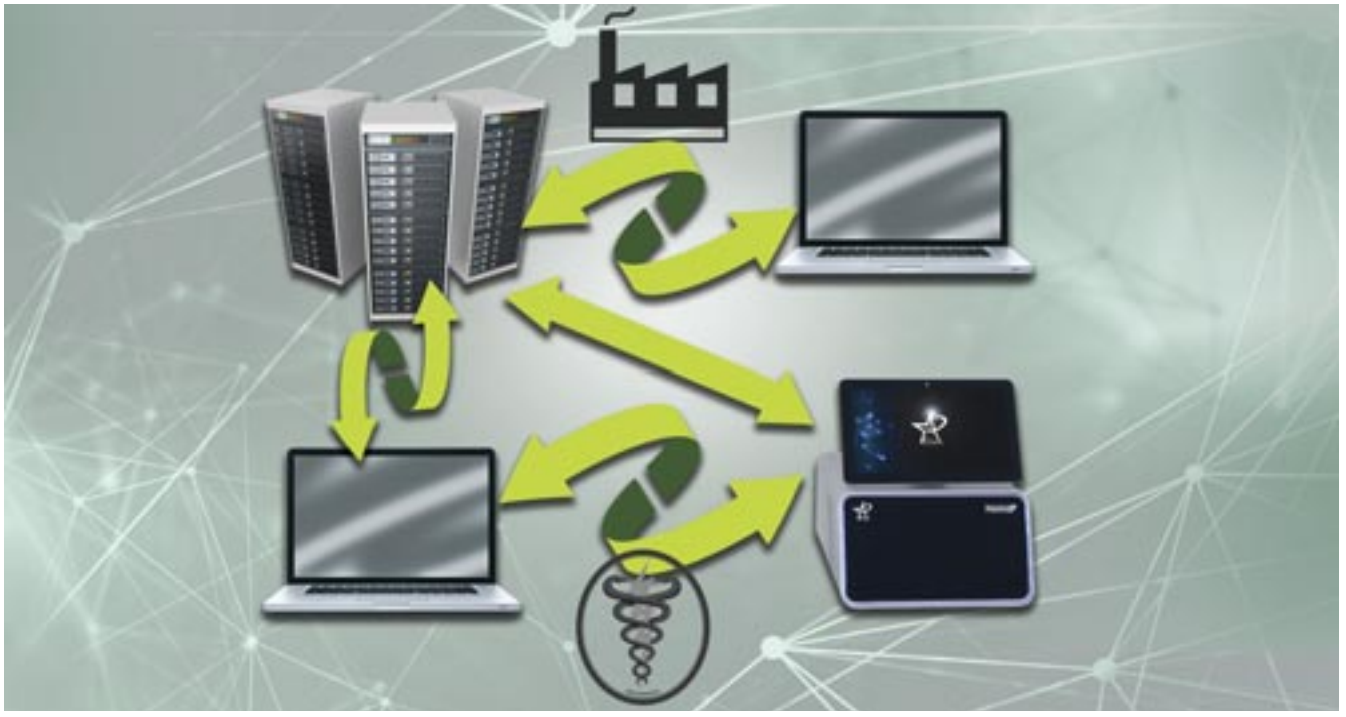
The system incorporates **Voice Assistant** helping the operator in choosing and selecting all functions, along with connections to external USB key and SD Card for entering logo of each center, pictures before and after the treatments.

Fisioterapia 4.0

AN INTERCONNECTED WORLD

Connecting devices and people is currently like a "must" and STAR is offering a remote control after sales services and up-grading (on inquiry) for allowing each operator all over the world to be connected with the factory for recognizing and fixing defects and being capable to up-date the software every time a new pathology is coming.

Connectivity will drive innovation, economic growth, educational advancements, and social change across the globe.



Memory recording
YOUR VIRTUAL MEMORY

Further to the manual setting, **STAR** 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.

HEALTH
High Energy Advanced Laser Therapy
Laser

H.E.A.L.TH.
A STAR IN LASER THERAPY

HEALTH provides the optimal therapeutic option to treat acute and chronic pain.

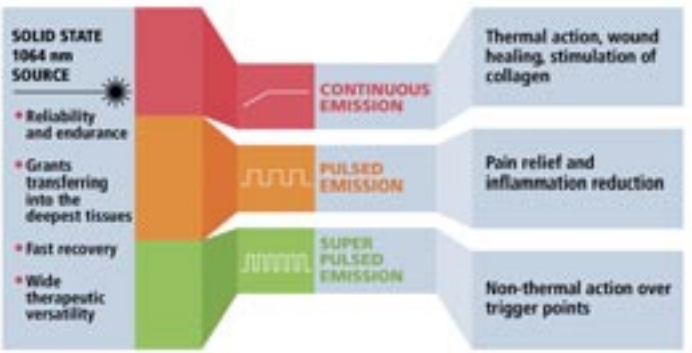
HEALTH ias delivering the most specific non-invasive therapeutic laser wave penetration for the treatment of painful joint pathologies, deep muscle injuries, tendon injuries and bone ailments.

Producing and transferring an energy suitable to turn into biostimulation and heat is the main objective to achieve success in laser therapy in the treatment of my educational pathologies. High Energy Advanced Laser Therapy represents the new and most evolved approach to modern laser therapy. An approach in which power, wavelength, emission mode are considered as a whole in order to obtain optimal transfer to deeper body tissues in the body.

DEPTH OF ACTION AND EFFECTIVENESS

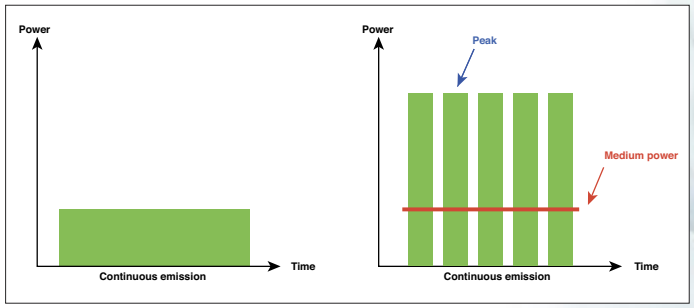
Laser therapy is used in all treatments of muscleskeletal pathologies.

In order to interact with those tissues, it is necessary to reach the proper penetration. But this is not enough: once the penetration is reached where the origin of the pathology resides, it is necessary to transfer an effective energy density. That's why the new Health technology is the new and most effective laser energy and currently it represents the new and more effective approach of laser therapy to be able to interact with tissues able to absorb laser energy and transform it into biostimulation. Thus laser therapy has become fundamental to accelerate healing processes, mitigate chronic pain, reduce inflammatory states. STAR employs the most appropriate wavelengths to achieve muscles, tendons and bone normally affected by physiotherapy and orthopedic relevance pathologies.



A NEW POINT OF REFERENCE IN LASER THERAPY

Energy density is depending on the power and treatment time. More energy is transferred, greater is the amount of laser energy acquired from the tissues of the human body. Penetration and energy transmitted to the tissues are depending on the wavelength and the power. But power must be well modulated and adapted to the patient's feeling, to the area to be treated and the pathology, so that the maximum effective energy is transmitted, without saving the surface tissues with oversized powers.



Power flow

8 DIFFERENT EMISSION MODES

emission

CONTINUOUS

pulsed

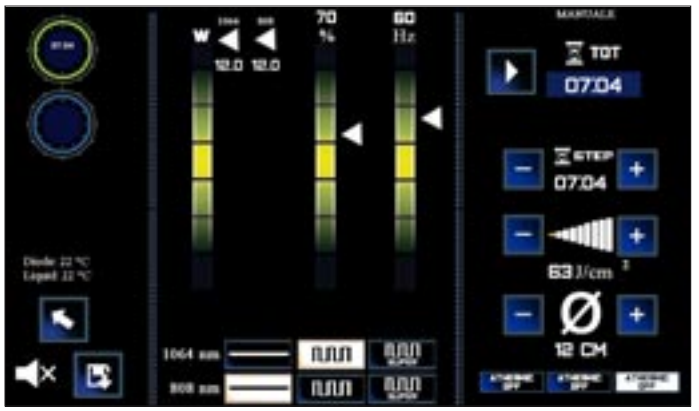
SUPERPULSED

customized RANDOM

regressive TIGGER POINT

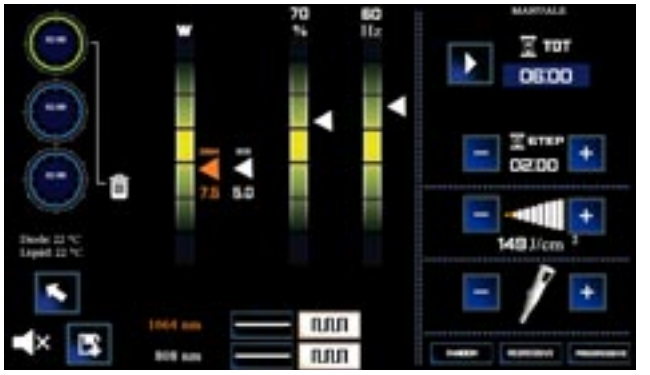
progressive

The opportunity to set 8 different emission modesall together with the various possibilities to combined them, make STAR one of the most versatile laser therapy devices, capable to treat a large range of pathologies.



EVERYTHING TURNS AROUND YOU

Up to 3 different steps for each treatment session, STAR is offering the possibility to combine continuous and pulsed emission modes, different kinds of frequency repetiions for being capable to adapt each treatment to each patient and to the relevant pathology.



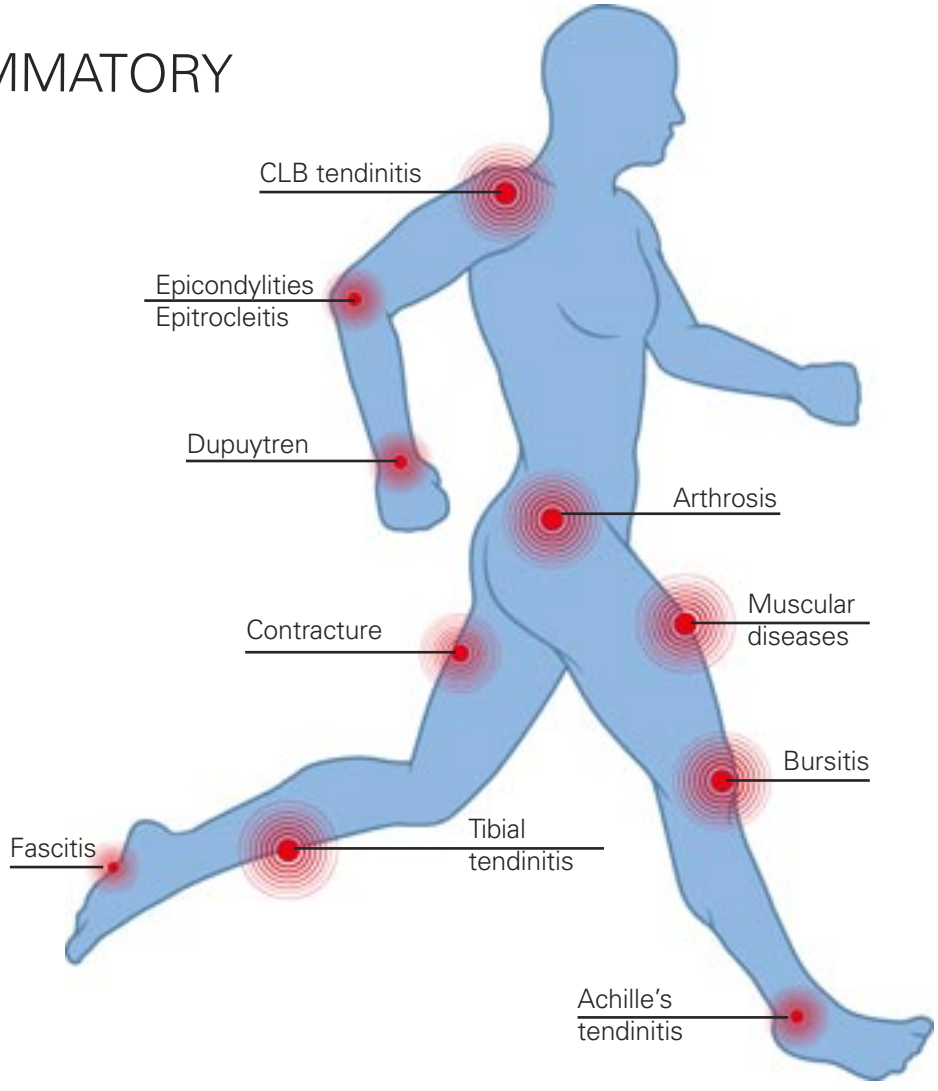
The unit offers phototype setting, for utomatically adapting the energy density to the patient's skin pigmentation.

effetto

PAIN RELIEF
biostimulation
ANTI-INFLAMMATORY

Pre-set programs for body and face

Pre-set physiotherapy programs



SINGLE AND MULTIWAVE GENERATOR

YAG 15 W

This device is capable is provided with the most innovative solid state 1064 nm laser source.

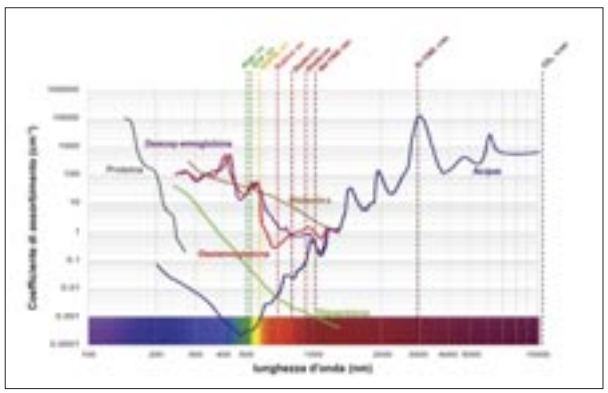
The peak power of this HEALTH device is 15 W and on patient it is blocked at 12 W for assuring longer and reliable life to the laser source.

A 632 nm visible laser source is also available to be combined to the main therapeutic laser source.

Multiwaves 30 W

This device is provided with a 3-length wavelength laser source; 1064 + 808 + 632 nm. The peak power is 30 W and 25 W max on the patient.

This laser device is meeting the requirements of the highest level professional operators and is offering the best features without any compromises for being effective very fast and being capable to treat all possible pathologies.



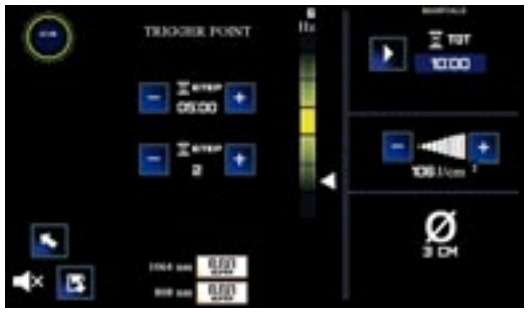
THE BEST IN VERSATILITY

Independent settings

The multiwave laser FIBER allows you to adjust the two power sources (YAG and IR) in a totally independent way so as to adapt the effects according to the therapeutic objectives pursued.

Adjust the application time or the energy density

The operator can set the application time and the device automatically is setting the energy density, or the operator will set the energy and the device will calculate the required application time.



Trigger Points

Working using points currently represents a well known modality coming from acupuncture. Operator is choosing the proper number of trigger or tender points do be treated with reference to the pathology and body placement.

The **sign** of the therapeutic **success**

Independent selection of the available power
In the combined version (1064 + 810 nm) you can define the power of each source, adapting it to real therapeutic needs.
Combined wavelengths
You can choose 810 Nm wavelengths or 1064 nm single or combined to discriminate the depth of action.

Combined emission mode
You can choose from 8 different types of single or combined emission to each other to achieve multiple therapeutic goals.

An interconnecting World
FIBER could allow interconnection inside the Physiotehrapy Center itself and also grants PAGANI to get a remote connection from the factory for possible after sales service and up-grading

3 different steps
Each device allows you to associate up to 3 different steps, on which to set powers, times, energies, sources, different emission mode.

Objectives
A nourished library of predefined programs is available according to the pathology and / or therapeutic objective to reach.

Phototype selection
Once the optimal parameters are defined, the device allows you to automatically adapt the emission according to pigmentation

Automatic calculation of time or energy
The two energy and time parameters are closely related and the device automatically sets the missing parameter.

MANUAL AND HAND-FREE APPLICATIONS

Firstly designed by Elettronica PAGANI some years ago, the large field radiators capable to be used for doing static ("hand-free") applications are useful for covering large areas of the body. The radiator is placed over the arm by suing a magnetic contact and the operator may place it over the part to be treated.

For helping the operator in assuring patient's safety, a special remote control is available to stop the application in real-time.

120 mm large for static application

28 mm large for manual application

60 mm large for manual application

Trolley STAR

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