

Company Profile



Hilterapia®



ASA

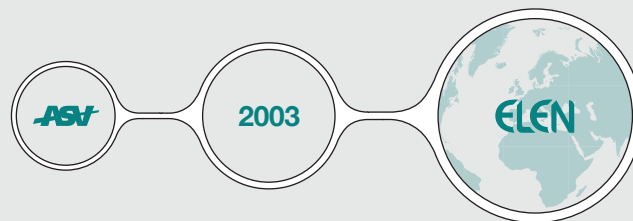
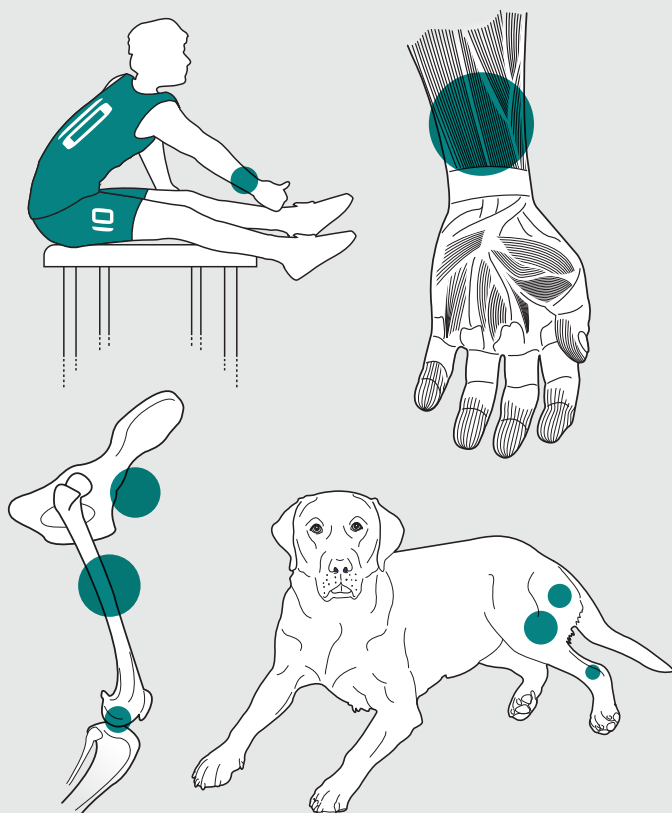
Research and Therapeutic Solutions.

MISSION - Since **1983** ASA wants to become the international landmark in **laser therapy** and **magnetotherapy** for multidisciplinary uses: from **Physiotherapy** to **Physical Rehabilitation**, passing through Pain Management, **Sports Medicine** and **Veterinary Medicine**.

Hilterapia®

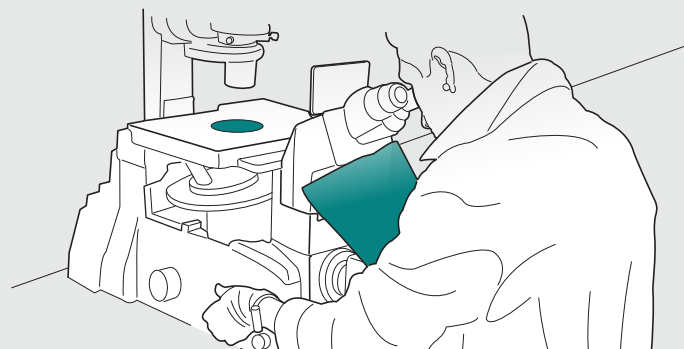
MIS
Multiwave
LockedSystem

Qs
Magnetotherapy



In **2003** ASA becomes part of **El.En. Group**, an Italian multinational corporation among the world's leading manufacturers of lasers for medicine, industry, conservation and restoration of artistic heritage.

PHILOSOPHY - **Research and innovation** are the main investment channels and the foundations on which to build an **ethical, sustainable and valuable growth**.



ASA
A S A L A S E R
Research and Therapeutic Solutions



ELEN
THE FUTURE IN A BEAM

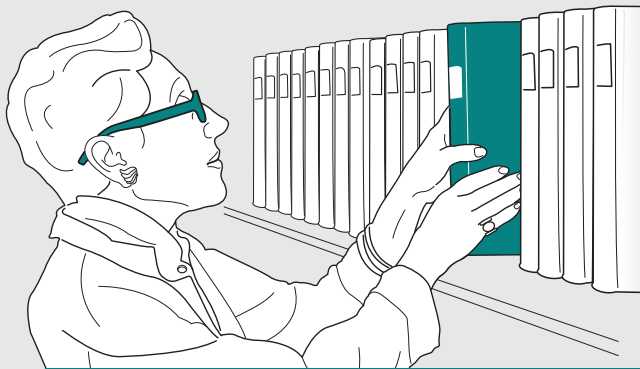


ASAcampus

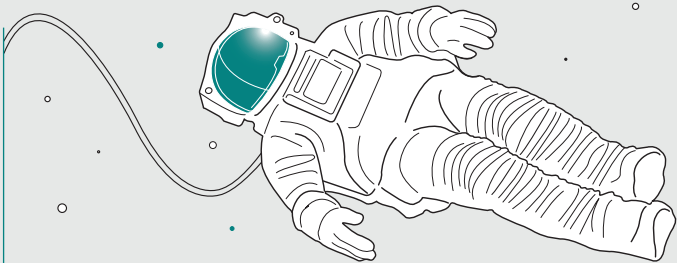
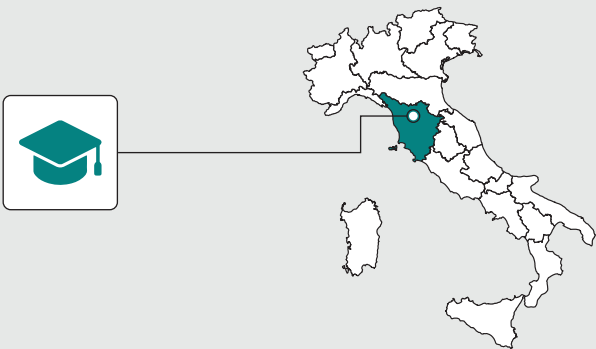
Scientific approach and support.

WHO - ASA Research Division meets the Department of Experimental and Clinical Biomedical Sciences of the **University of Florence**.

WHAT - ASAcampus Joint Laboratory studies the **“Biology of Physical stress”** on the body and its action mechanisms.

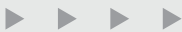
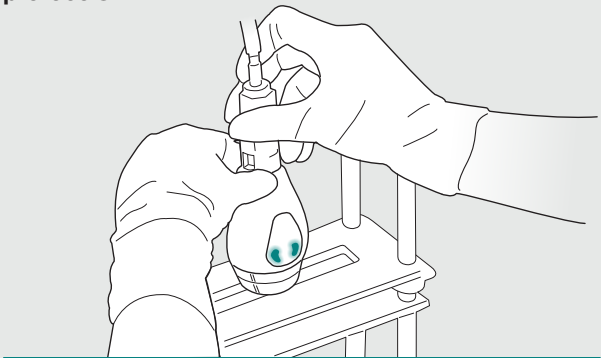


WHERE - University of Florence, **Italy**.

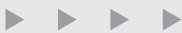


WHEN - Since **2007**, ASAcampus interdisciplinary group of researchers is involved in **national and international research projects** supported by prestigious bodies such as the Italian (ASI) and European (ESA) Space Agencies.

WHY - ASAcampus boasts many scientific achievements, whose results are promptly employed in order to progress in **developing instrumental techniques and therapeutic protocols**.



Energy FOR **Health**



MLS® Laser Therapy

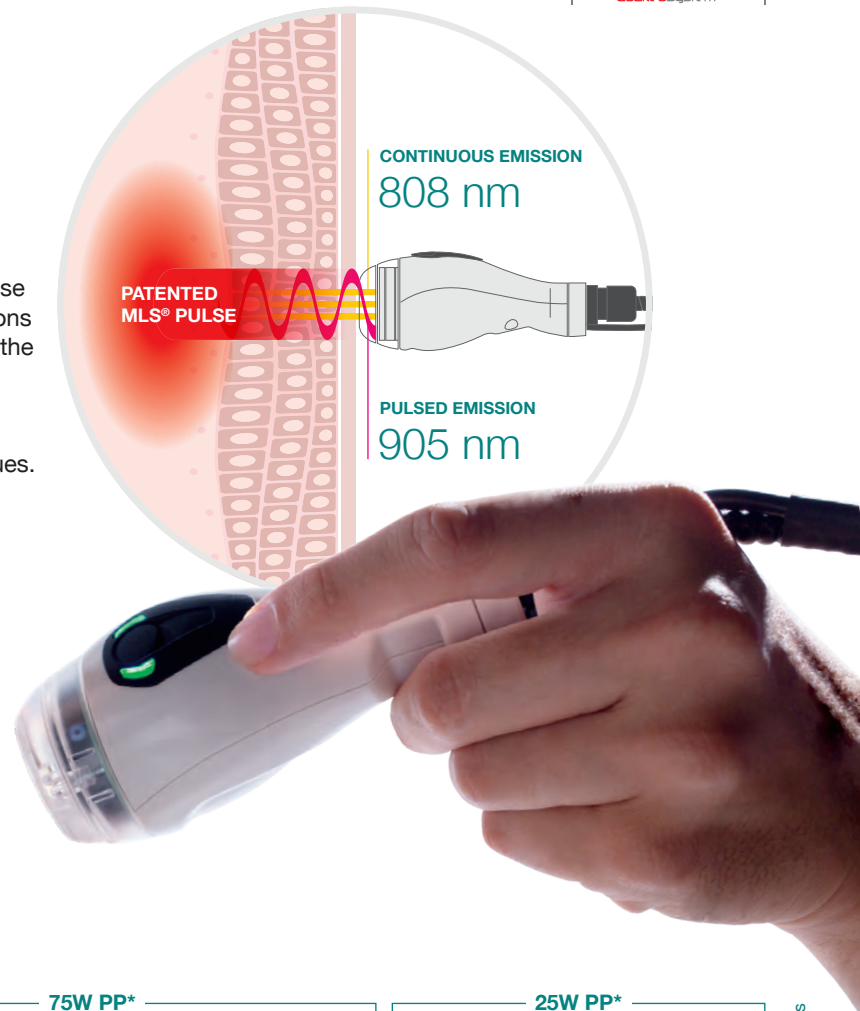


High power: perfectly controlled.
And synchronized.

The **patented Multiwave Locked System (MLS®)** technology **overcomes the limits** of traditional laser therapy devices (LLLT, class 3B and class 4 lasers).

The **combination and synchronization** in a single pulse of the continuous (808nm) and pulsed (905nm) emissions synergizes and strengthens the therapeutic effects on the **inflammation-oedema-pain triad**.

The spatial overlapping of the emission allows a **homogeneous energy distribution** on the target tissues.



Discover more



United States patents N°:
US 8,251,982 B2
US 10,874,872 B2



**
Creative Communication Awards 2019
HONORABLE MENTION

1kW PP*



MIS**

270W PP*



M-Hi

75W PP*



M8

Mphi 75.5



Mphi 75

25W PP*



M6



Mphi

*PP= Peak Power on tissues

Hilterapia®

Hilterapia®

Intensity beyond power.

Hilterapia® is a therapeutic technique based on an exclusive and **patented high-intensity laser emission**. Through a 1064nm pulsed Nd:YAG source, Hilterapia® reaches **great peak power** (3 kW): the **high intensity** obtained (15,000 W/cm²) allows to treat effectively even **deep chronic conditions**.

Thanks to the short duration of the pulse and its very high intensity, Hilterapia® generates an important photomechanical effect capable of triggering a series of biological signals. In addition to the activation of lymphatic drainage and microcirculation, **Hilterapia® promotes tissue repair and healing processes**.

Intense, deep, safe. Unique.



Discover more



United States patents N°:
US 6,527,797 B1
US 8,480,719 B2



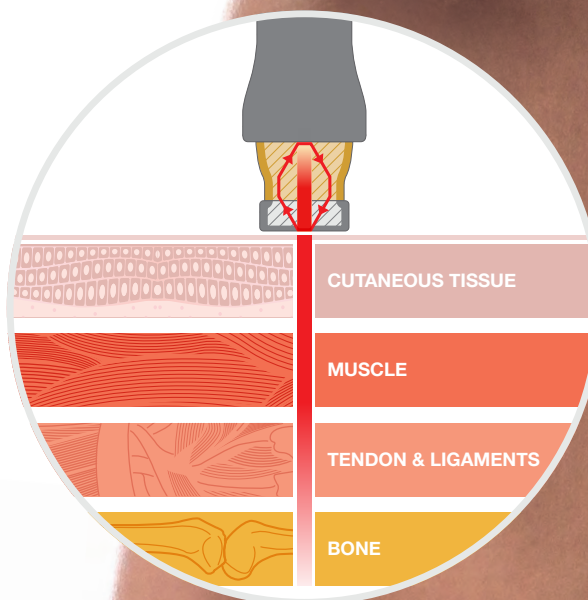
** Creative Communication Awards 2019
HONORABLE MENTION



HIRO TT**



HIRO



Magnetotherapy Qs

The roots of therapeutic energy.

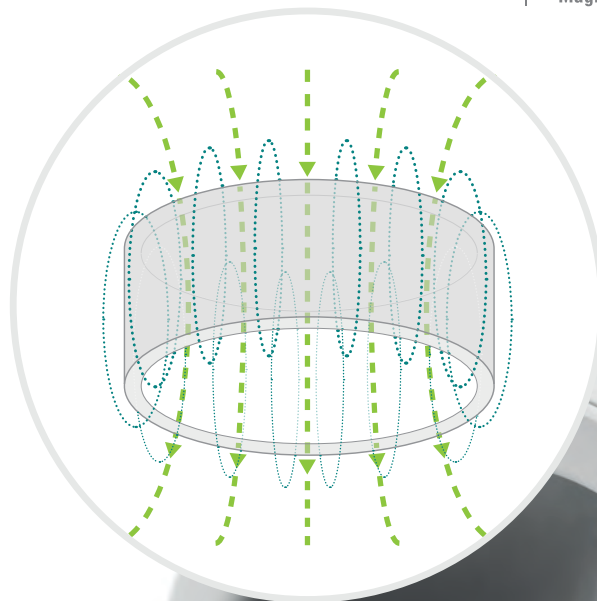
Since the '80s, devices based on pulsed electromagnetic fields (**PEMF**) have been used for the treatment of **bone union delays and defects**: since then the **effectiveness** of PEMFs has been clinically proven in numerous other **musculoskeletal disorders** and in **tissue repair**.

Magnetotherapy Qs works in presence of orthopaedic braces, casts, external and internal fixation devices, after a specialized evaluation.

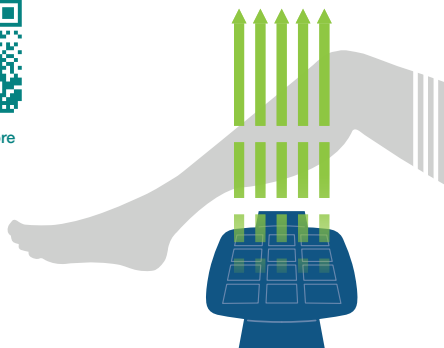
The treatment can be applied with clothes on.

Magnetotherapy Qs can be used in combination with other therapies and can be applied in many fields:

Physical therapy, Rheumatology, Sports Medicine, Orthopaedics, Traumatology, Geriatrics.



Discover more



PMT Qs



Easy Qs



ASAveterinary



Therapeutic Solutions for our animal friends.

ASA **research** and **expertise** are at the forefront of **Veterinary Medicine** supporting the rehabilitation path of all species, from snakes to elephants, passing through cats and dogs.

With **M-VET** the benefits of the **MLS®** synchronized impulse are now enhanced through an optical fiber technology, which allows conveying **higher intensity** energy packets inside the tissues, **in total safety**.



**
ADI Design Index 2021
SELECTED - Design for Work



Discover more



United States patents N°:
US 8,251,982 B2
US 10,874,872 B2



**
IDA Design Awards 2021
GOLD WINNER - Interface Design

MLS® Laser Therapy

Magnetotherapy Qs



M-VET**



Mphi Vet Orange Trolley



Mphi Vet Trolley



Mphi Vet Orange



Mphi Vet



PMT Qs Vet



Easy Qs Vet

A tale of passion, commitment and talent.

ASA Quality System is certified by TÜV SÜD Product Service GmbH (ISO 13485:2016), TÜV SÜD AMERICA (ISO 13485:2016), and TÜV SÜD Italia (ISO 9001:2015).

ASA devices are marked CE0123, EU MDR compliant and US FDA listed.

+ 90 served Countries + 30,000 installed devices



+ 500,000 therapies per day + 15,000,000 patients per year



+ 100 documented clinical cases + 200 scientific publications

FOR
EnergyHealth International journal
of information and scientific culture



Hilterapia®



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