

ATP38[®]

STEMA CARE

PHOTOBIO-MODULATION (PBM)

or Low-Level Laser Therapy (LLLT)

Initially used by NASA to accelerate the healing of astronauts' wounds, photobiomodulation has been validated by multiple clinical studies. Its anti-inflammatory, analgesic and healing properties have propelled it into all medical fields.

Photobiomodulation is a non-invasive technique based on the exploitation of specific wavelengths, targeting distinct biological processes. These photons are captured by our cells, inducing a natural biochemical response.

The 7 wavelengths of radiation emitted by ATP38 are carefully adjusted to match the absorption frequencies of mitochondrial receptors. This concordance intensifies cell stimulation and generates a stimulating effect on ATP (adenosine triphosphate).

The wavelengths used by ATP38 are subjected to a calibrated dosimeter in accordance with the defined protocol in order to induce bio stimulation. This will reactivate cellular activity promoting cell regeneration.

ATP38®

Painless, precise & anti-aging treatment

A concentrate of new technologies combined with the best techniques acting on the principle of photobiostimulation.

ATP38® favors power density, i.e. a high concentration of Photons to quickly deliver the total dose of energy expected. The practitioner can set up his own protocols for treatment.

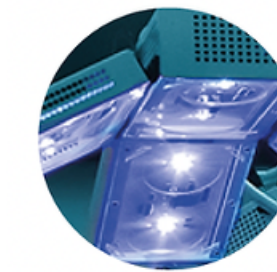
ATP38® makes it possible to treat large surfaces with more precision by scientifically guaranteeing the dose of energy on the treated surface.

Diversification of the care offered

Saving time on all types of care

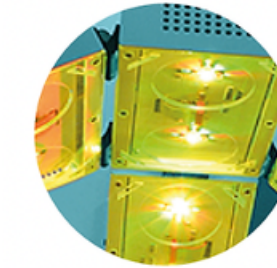
Optimization of care & quick benefits

Complementary supportive care without side effects



BLUE

450 nm to 470 nm



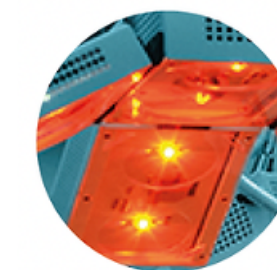
GREEN

510 nm à 540 nm



AMBER

580 nm to 600 nm



RED

610 nm to 635 nm



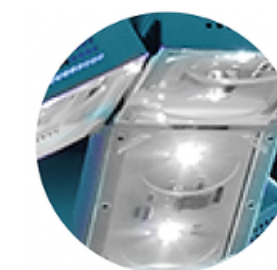
DEEP RED 1

665 to 695 nm



DEEP RED 2

745 nm to 775 nm



INFRARED

800 nm to 835 nm

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Anti-microbial medical standard paint



Remote update



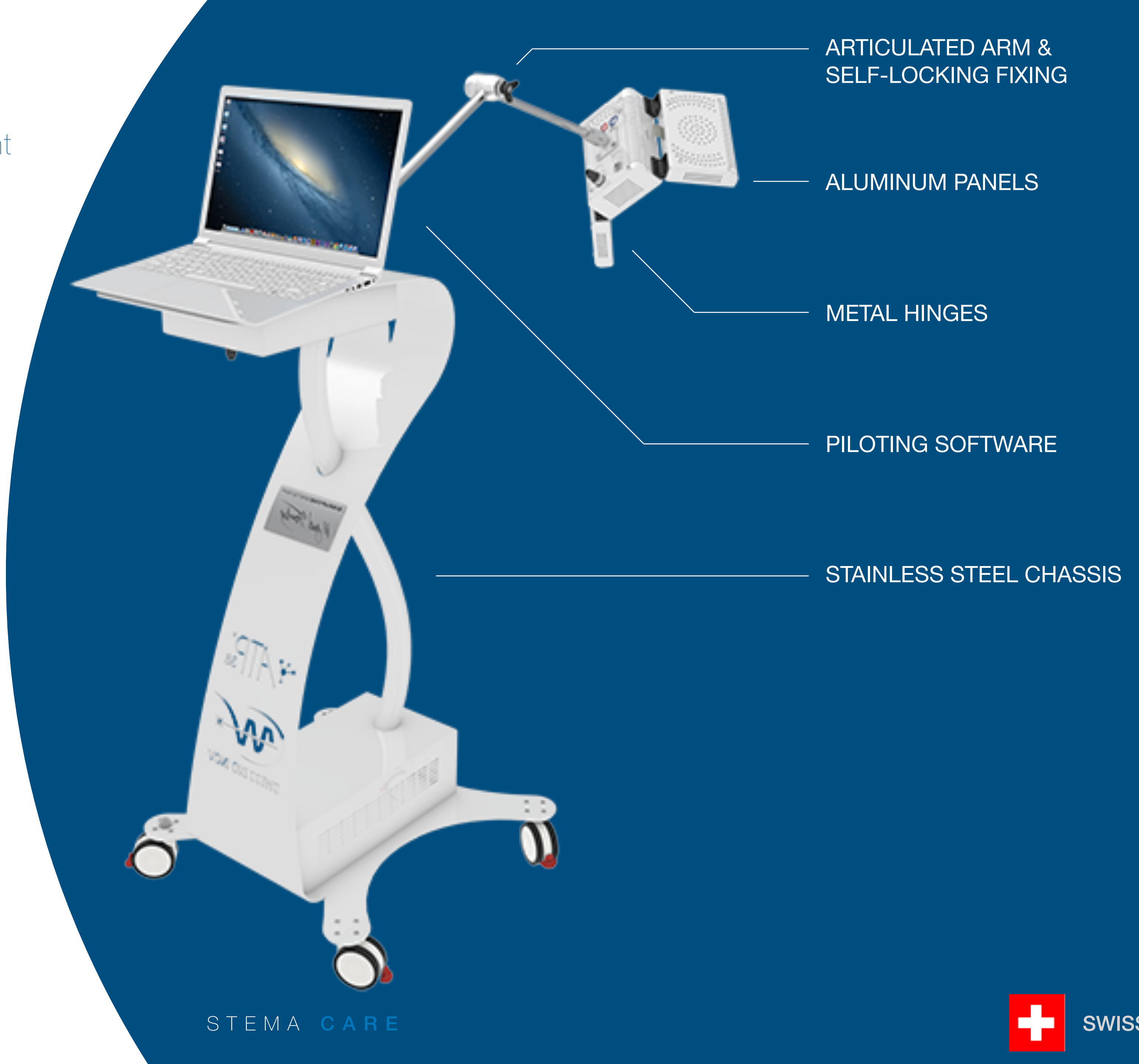
Online support



Warranty 2 years

60

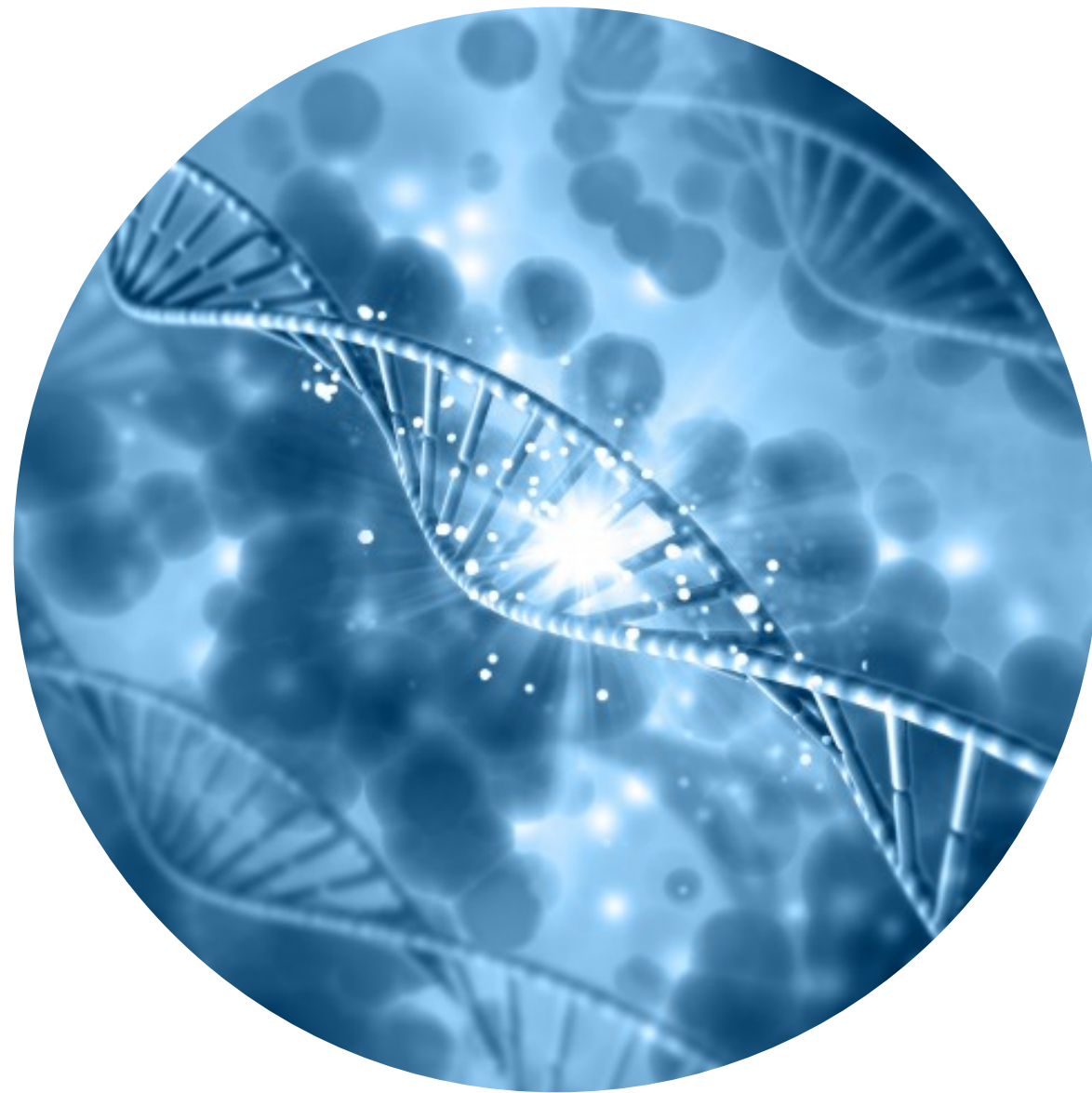
Pre-established protocols to meet the needs of the patient and practitioner



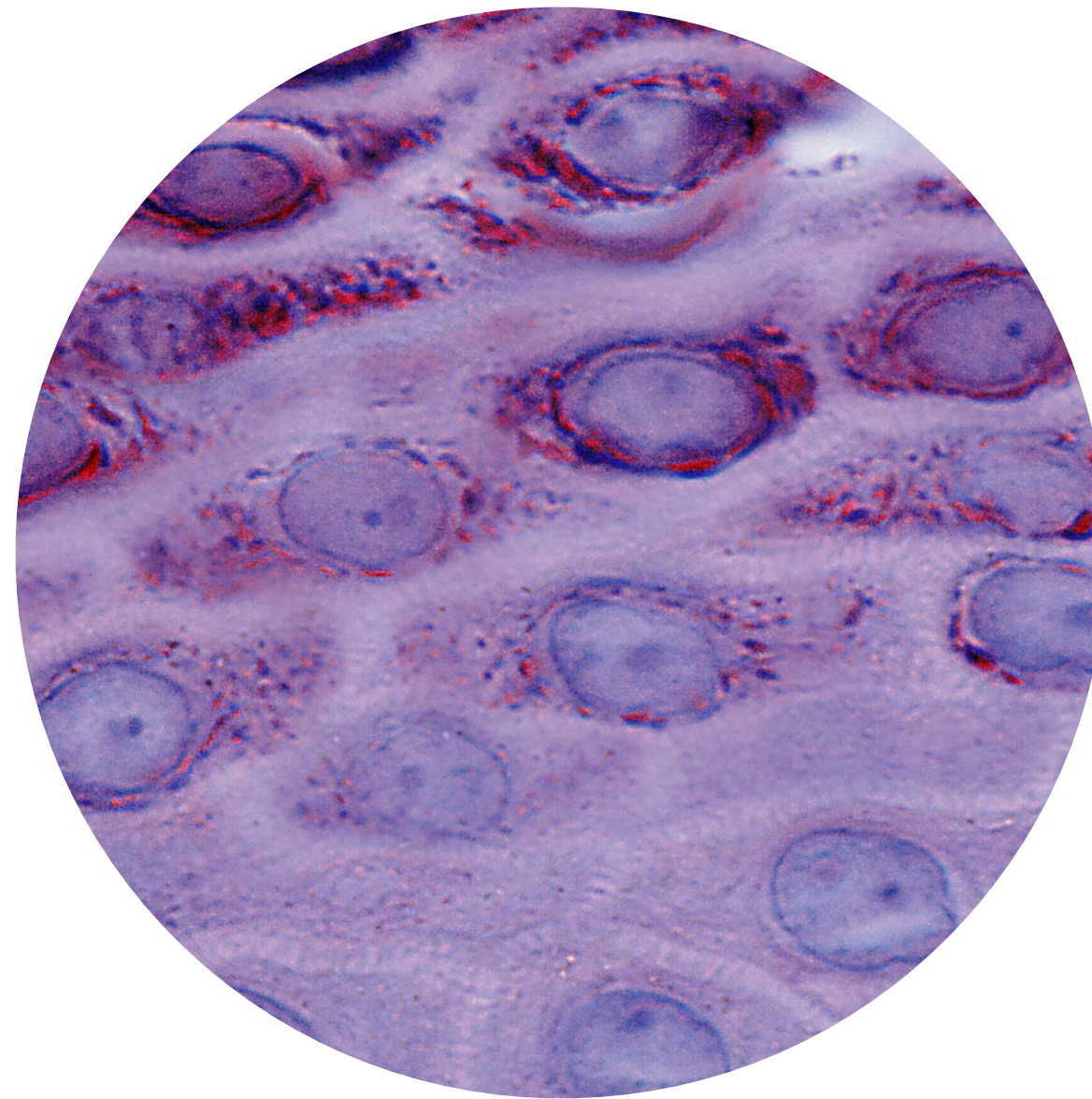
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Painless, precise & anti-aging treatment

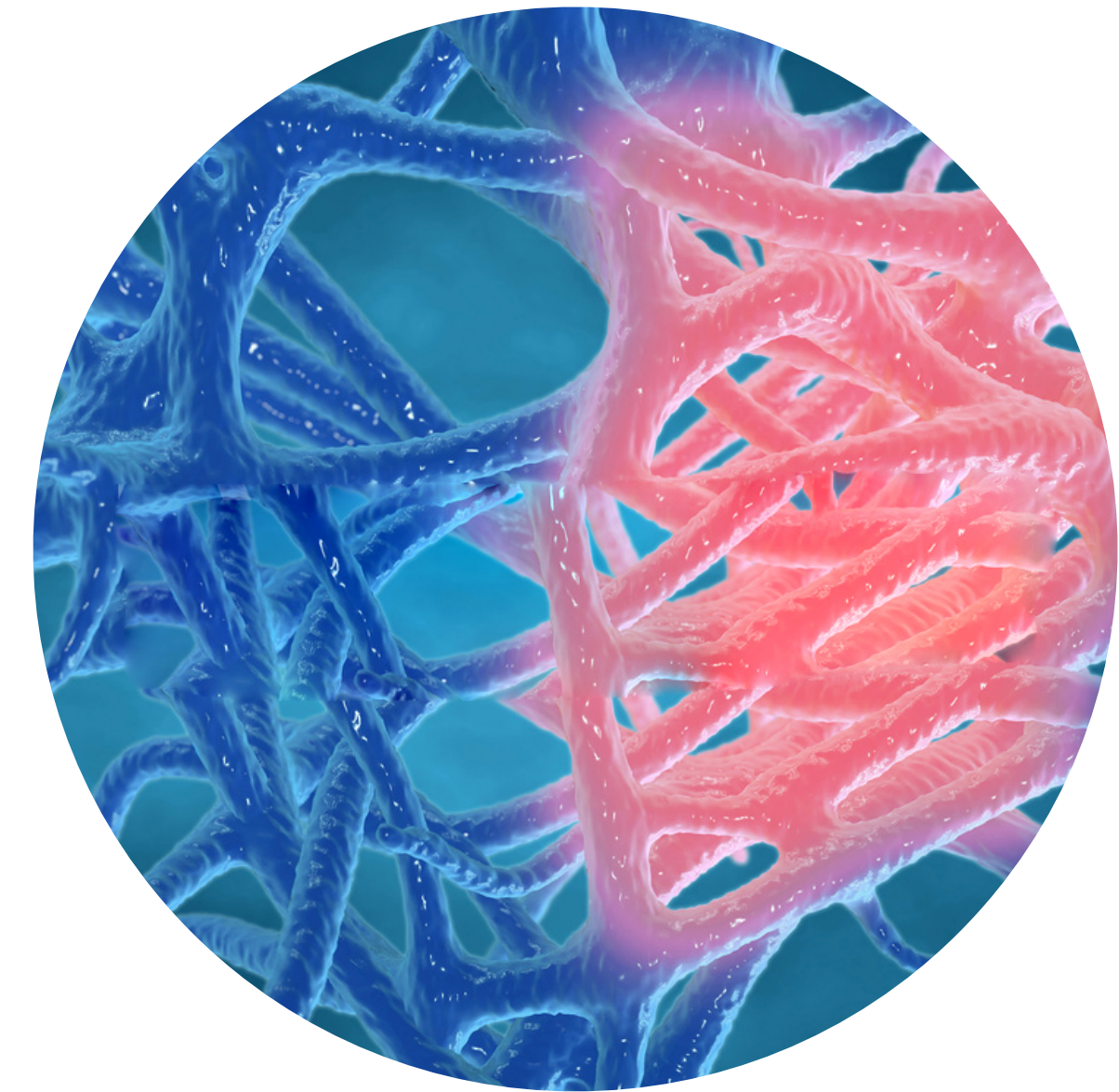
ATP38® is a tool that reduces and relieves pain, improves and accelerates healing, treats inflammation, relieves muscle tension and regenerates cells without side effects.



**CELL PROLIFERATION &
REGENERATION EFFECT**



HEALING EFFECT



**ANTI-INFLAMMATORY &
ANALGESIC EFFECT**

ATP38[®] and General Medicine

Precise, non-invasive & painless treatment

Reduction of
pain and
inflammation

Favoring and
accelerating
healing

Improves
mobility and
daily comfort

RHEUMATOLOGY

- **Inflammatory Pain:** Polyarthritis - Tendinitis - Retractable Capsulite - Sciatica
- **Mechanical pain:** Osteoarthritis - Back pain - Carpal tunnel

TRAUMATOLOGY

- **Muscle tear:** Treatment of post-traumatic edema, healing
- **Ligament tear:** Acceleration of healing
- **Fracture:** Acceleration of the bone reconstruction process & consolidation of fatigue fractures
- **Algodystrophy**



ATP38[®] and General Medicine

Precise, non-invasive & painless treatment

DERMATOLOGY

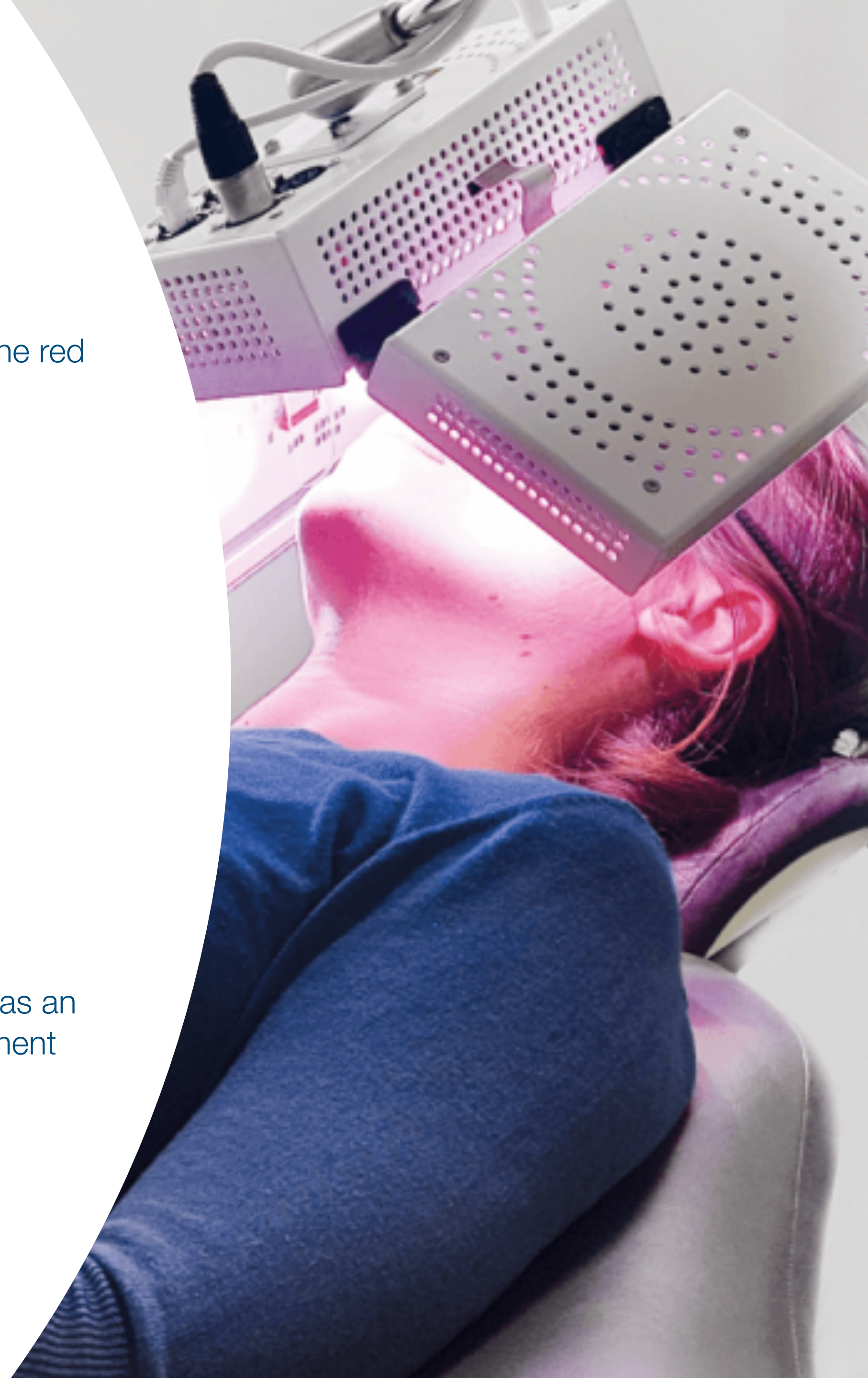
- **Acne** : The blue LED (450nm) has an anti-bacterial action that acts directly on the bacteria while the red LED (650nm) has an anti-inflammatory action and allows the skin to better heal.
- **Psoriasis - Vitiligo - Vergeture**
- **Alopecia** : Association of certain wavelengths creating stimulation of the hair follicle, through biostimulating on weakened cellular energy.
 - Increased blood flow
 - Dynamisation of follicular cells
 - Strength and elasticity of the hair
 - Decreased sebum and impurities
 - Reduction of inflammation
- **Aging and sagging skin** : The yellow LED (590 nm) is regenerative: It stimulates fibroblasts, cells responsible for the production of collagen and elastin.

HEALING

- **Post-operative - Wounds - Ulcer - Burns:** The red LED (650 nm) reaches the dermis, where it has an anti-inflammatory action to treat skin pathologies such as eczema, psoriasis or in laser post-treatment or peeling.

NEUROLOGY

- **Peripheral neuropathies and neuralitis:** Stimulation of the regeneration of neuronal cells.



ATP38[®] and General Medicine

Precise, non-invasive & painless treatment

THE ADDED VALUES

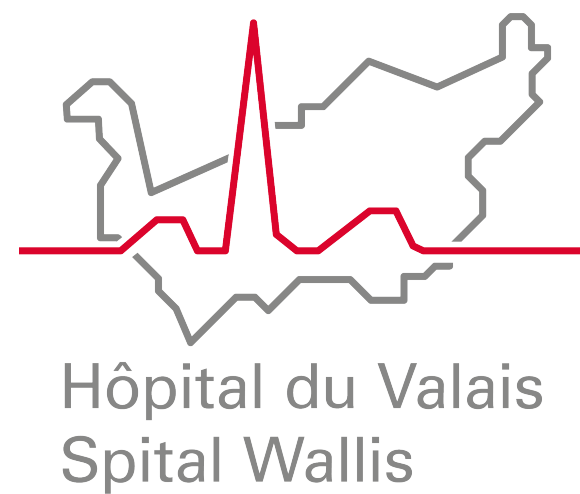
FOR THE PRACTITIONER

- Accelerates healing and results
- Safe: no adverse effects
- Less medication prescription
- Easy to use
- Ergonomic
- Short and effective sessions (maximum 15min)
- Great diversification: presents a wide variety of treatments

FOR THE PATIENT

- Immediate results
- Minimizes the risk of post-operative complications
- Minimize the need for medication
- Reduces pain and inflammation

They trust ATP38



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STEMA CARE