



**Rehabilitation, health, prevention**  
are built from within



A new version of yourself

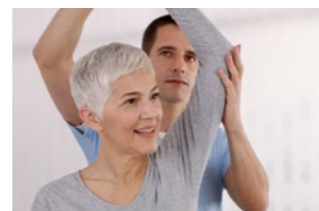
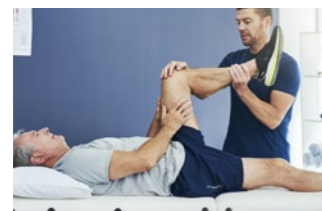
# Stendo®: mechanical stimulation with perfect cardiac coherence

If a 100% local approach is possible on a bone or joint, the same is not true if the rehabilitation concerns more complex tissue or vascular functions with complications related to fatigue, age, pain, inflammation, etc.

In such cases, the rehabilitation approach must become more global and especially respectful of the deep balances of the body.

Thanks to a synergy of research between textile engineers and a team of physician doctors, **Stendo®** Laboratoire has designed a patented technique based on precise, unprecedented and individualized mechanical mobilization.

In total coherence with the patient's heart rate, **Stendo®** produces pulsatile compression forces that dynamically and systemically stimulate the veno-lymphatic functions and mobilize the superficial tissues. This dual action also makes it possible to effectively regulate the inflammation and to act on the pain.



## Stendo®, a personalised stimulation for each application field

- TISSUE MOBILISATION
- CIRCULATORY ENHANCEMENT
- LYMPHATIC STIMULATION

- INFLAMMATORY REGULATION
- PAIN RELIEF
- SPORT RECOVERY

EFFECTS  
SCIENTIFICALLY  
PROVEN



### THE STENDO GLOBAL APPROACH

- Individualized treatment,
- Very short compressive times (1 / 10th sec.),
- An average of 25,000 pulsatile stimuli / 30',
- Intensities adapted to vascular physiology,
- Local effects followed by systemic reactivity,
- Protocols adapted to chronic pathologies
- A great simplicity of use with at the end:
- a great profitability.

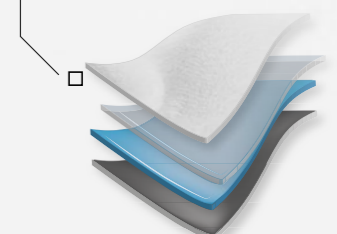


## A high-tech massage suit... for extraordinary tissue contact

Due to its stratified structure integrating an inner layer of gel (Stendo patent®), the Pulsewave® suit enables deep, global mechanical mobilization both at the connective tissue level and that of the vein and lymphatic vascular structures. Depending on the choice of intensity of pulsatility, (between 45-75 mmHg), the dynamics and length of the session, the therapist

can focus the physiological effects by adapting them as best as possible to the needs of the patient and to the purpose of the session. Twelve independent compartments make up the structure of the suit, and the pulsatile compressions create a centripetal, homogeneous dynamic that is interposed in real time between each heartbeat.

**The double gel/air layer of the suit is the core of Stendo innovation. It creates generate the pulsatile forces and the massaging impulse.**



# Stendo® the new dimension of sports recovery,

**Stendo®**, 100% natural and hand free, offers a new vision of massaging by bringing together all the conditions for a return to homeostasis in very short times and in an extremely simple and pleasant way for the athlete.

In a genuine 'bio regeneration' process, **Stendo®** stimulates vascular dilation by the nitric oxide

(NO) pathway (laminar blood shear stress on vessel wall and endothelial reaction), boosts the lymphatic system and mobilizes muscle groups. This global stimulation aids metabolic recovery, normalizes the autonomic nervous system and promotes sleep. All, with the body completely at rest, totally relaxed and in perfect harmony with the athlete's heart rate.

**Stendo®** microcirculatory perfusion and its pulsatile mobilizing effect help reduce delayed onset muscular soreness (DOMS), regain pre-effort muscle viscoelasticity conditions, and prevent the appearance of chronic inflammatory symptoms.



## □ GLOBAL CIRCULATORY ACTION

*Stendo®* activates in a completely innovative way the veno-lymphatic flows. The physiological training/recovery processes are stimulated, within a very short period of time and without any constraint for the athlete.



## □ DEEP MUSCULAR ACTION

*Stendo®* tissue pulsatile mobilization promotes the healing process of microlesions (D.O.M.S), optimizes the reconstruction of muscle fibers, mobilizes fascias and regulates the inflammatory processes



## □ STRESS AND SLEEP MANAGEMENT

The quality of the *Stendo®* cardio-synchronized massage produces relaxing effects and improves the quality of sleep.

### STENDO | V4

#### CONNECTED DEVICE

Width:	26,5 cm
Depth:	26,5 cm
Height:	44 cm
Tension:	AC 100-240V ~50-60 Hz
Weight:	14 kg
Internet Wifi connection	

#### PULSEWAVE®SUIT

Weight:	14 kg
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#### REMOTE CONTROL

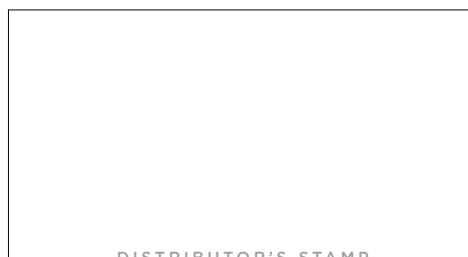
Smartphone with Stendo® app
Bluetooth connection with the device

#### PULSOMETRE

Wired sensor
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#### SOFTWARE

6 default programs
Compression range: min 45 mmHg ; max 75 mmHg



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