



enPuls**Pro**

enPulsPro
the next generation

Radial Shockwave Therapy

A variety of recent studies have shown positive results from radial shockwave therapy to activate endogenous reactive systems by the mechanical stimulation of waves passing through the patient's tissues.

Positive treatment results can be very reliably achieved at energy levels far below the threshold for tissue damage. The tissue reactions and the effects on the patient's metabolism observed are generally:

Increased metabolism

Changes to the permeability of cell membranes

Improvement of the cell structure

Improved tissue stability

Higher cell activity by gene activation

**Distribution of the substance P
(growth and pain mediator hormone)**



**Progressive treatment system with
comfortable storage for
all needed accessories**

For treatment of biological structures
and tissues in various pathologies and
medical conditions.

Radial shockwave treatment device
using high-energy ballistic pulses.

Unique, easy-to-operate system that
makes shockwave therapy available to
all therapists.

Stimulating and gentle on the patient...

Technology: exceptionally powerful

Innovative ballistic high-tech device with electromagnetic drive

enPulsPro Softshot technology - less pain, same energy

enPulsPro generates its unique shockwave impulses by using a projectile five times heavier than comparable air pressure systems but with a lower impact velocity on the applicator head.

The power of the accelerator and the mass of the projectile mean that each pulse delivers the same amount of energy as other systems, but is much more pleasant for the patient.

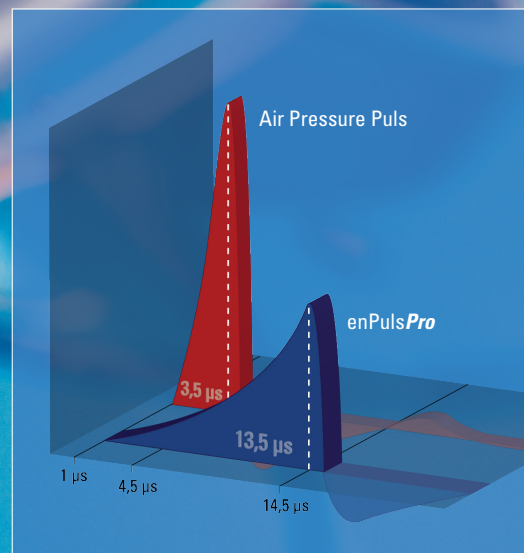
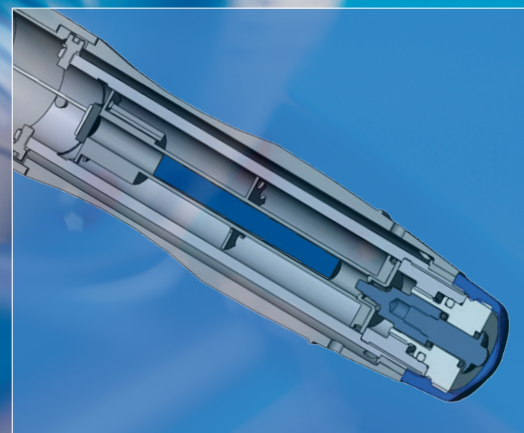
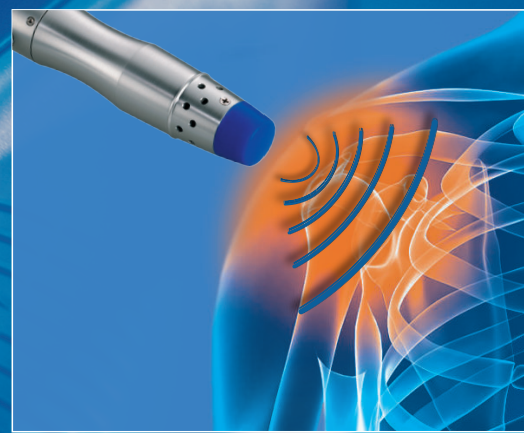
Low amplitude and slower increase in the pressure reduce the painful sensations often associated with this treatment.

The result: better patient compliance with treatments that are easier to perform at higher energy levels.

Principle

A heavy, electromagnetically accelerated, ballistic projectile transfers its kinetic energy to a transmitter head in the handpiece. The kinetic energy is transformed into impact energy in the applicator head.

Shockwaves result and spread out radially from the contact area into the desired treatment region of the body.



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Details

- ports for two handpieces
- integrated VAS scale
- intuitive touchscreen operation
- energy levels from 60 to 185 mJ (comparable to 1-5 bar)
- pulse frequencies from 1 to 22 Hz
- burst mode for trigger point treatment
- positive/negative shockwave counter with value preset
- indication menu with treatment protocols
- SD card for memory, updates and service
- efficient energy transfer
- lower maintenance, longer lifetime
- unique, very comfortable shockwave pulses (Softshot)

... efficient and easy for the user

Ergonomic

A heavy, ergonomic aluminium hand piece provides high intrinsic inertia for optimal energy transfer to the patient and perfect protection of the therapist from the effects of vibration.

Flexible

Various applicator heads with different sizes and shapes are quickly changed without any tools to allow the treatment to be adjusted as required.



Comfortable

Increased convenience and time savings thanks to the ability to connect two handpieces simultaneously with different applicators heads.

Safe

Pulses are triggered using a foot pedal ensuring targeted treatment from the first second.



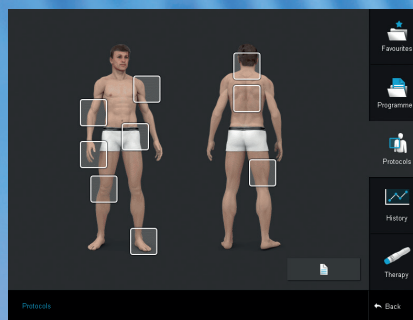
Intuitive

With large colour touchscreen operation.

Direct access to all necessary treatment parameters, including a list of indications with help menus and a large memory for custom treatment programmes.

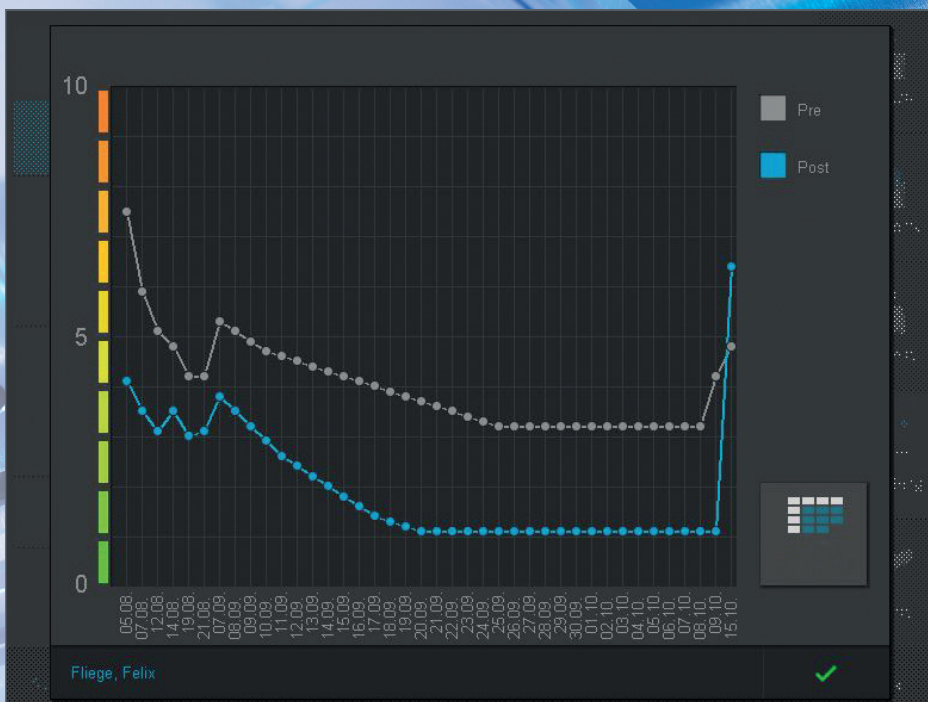
Preset treatment protocols for common indications.

With comprehensive help function and images of the treatment area.



Integrated VAS scale

The assessment of pain intensity in the integrated VAS scale gives the therapist and the patient an overview of the course of therapy.



Revolutionary interface design

The new enPulsPro interface is truly innovative. The optimally designed interface is even fun to use.

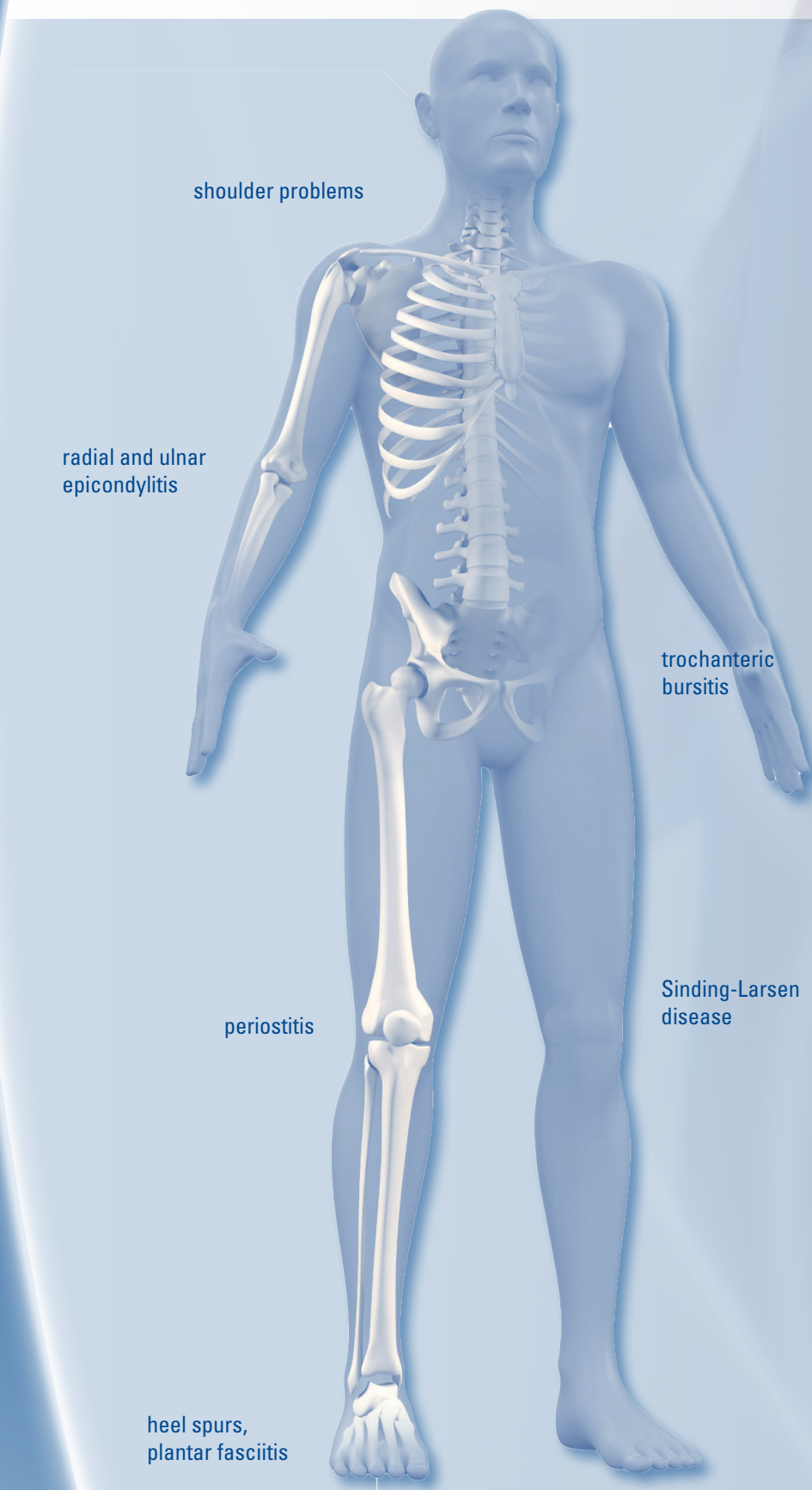
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- insertion tendinopathy
- myofascial pain syndromes
- trigger point treatment

Successful Therapy

Shockwave therapy: easy to apply with quick results



Easy-to-use with minimal preparation to deliver the most effective treatments possible.

On average, radial shockwave treatment is generally performed once or twice a week for a total of 6-10 sessions.

2,000 shockwave pulses are administered in each treatment unit. The entire session usually takes about 10 minutes.

Especially useful for:

- orthopedic treatments
- orthopedic rehabilitation
- sports rehabilitation
- traumatology
- physiotherapy
- osteopathy



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Illustration shows optional accessories

Specifications / Options enPuls^{Pro}

Technology	compressor-free, ballistic, radial shock wave system with an electromagnetic generator for projectile acceleration
Dosage	60-185 mJ freely selectable in 10 mJ steps
Modes	frequencies 1-22 Hz 3 burst modes with 4, 8, 12 pulses
Programmes	7 pre-set programs, individually adaptable
Protocols	more than 25 illustrated pre-set treatment recommendations
Controller	12" colour touchscreen for all software operations knob to adjust energy and frequency levels shockwaves triggered via a multi-directional foot switch
Memory / Updates	SD card for indications menu, favourites and adapted programs (120 entries) firmware updates
Dimensions	200 x 350 x 300 mm (L/W/H)
Weight	3.8 kg (without hand piece)

Shockwave Hand Piece

	ergonomic, with anodized aluminium housing and cooling fan
Generator	electromagnetic, integrated
Dimensions	23 cm long, 5 cm diameter (max.)
Weight	0.85 kg (without cable)
Service life	guarantee of 2,000,000 shocks
Maintenance	only necessary when performance drops, not tied to a specific number of pulses. Generator changeable by service
Applicator heads	diameter of 6/15 (2x) / 25 mm changeable without tools minimum guarantee for 150,000 collisions per applicator
Power Consumption	100 to 240 V, 50/60 Hz, max. 250 VA
Conformity	IEC / EN 60601-1 and 60601-1-2

Options

- trolley SysCart incl. holder for 2 hand pieces and lotion
- tray for applicators
- 2 hand pieces
- rotatable swivel base

Transport / Storage

- 10°C to +50°C / 700 hPa to 1060 hPa /
- 10% to 90% rel. Humidity, non-condensing

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