wave

skin tightening

feel the difference

Zimmer

Zimmer

"8 out of 10 patients notice either a full reduction or a reduction after 4 weeks"

Jennifer Wasilenchuk, Clinic Manager, Study Coordinator, Arbutus Laser Centre, Vancouver, BC

Z *Wave*^{Pro} – Application spectrum

Preset treatment recommendations:

- Cellulite
- Stretch marks
- Combination with Cryolipolysis™
- Combination with radio frequency
- Combination with ultrasound
- Combination with laser (Softlaser)
- Skin tightening (general)
- Aesthetic scar treatment
- Supporting lymphatic drainage

Treatment & effect

Skin tightening and body contouring are becoming increasingly important in the modern practice. After several treatments for fat reduction, such as e.g. Cryolipolysis™, liposuction, or injection lipolysis, a more extensive application for skin tightening is urgently recommended and expected by the patient.

Thanks to the Z *Wave*^{Pro} radial shockwave unit, it is also possible to significantly improve skin firmness, skin elasticity and collagen regeneration.

Fat reduction, for example, after Cryolipolysis™ or injection lipolysis is also enhanced by using the Z *Wave*^{Pro}. Various studies and user observations have proven its effectiveness.

Patient-friendly application

Using radial shockwaves for skin tightening, cellulite and general connective tissue tightening treatments has the following advantages:

- non-invasive treatment
- no down time
- pain-free application
- simple application
- visible results
- versatile

before treatment

after treatment

before treatment

after treatment

Skin tightening and body contouring

Z *Wave* *Pro* is used as a "stand-alone" application or in combination with other, mostly fat reduction methods.

In the case of the "stand-alone" application, the focus is generally on improving the skin structure and connective tissue. Typical application areas are, e.g. cellulite, connective tissue weakness (upper arm, underbelly, etc.) and stretch marks (striae).

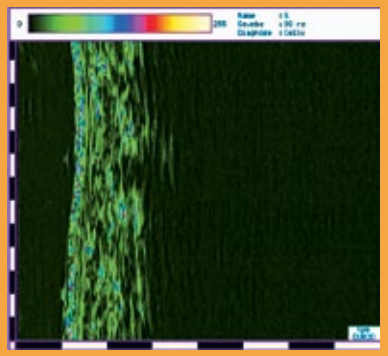
Tissue penetration efficiency

Thanks to its 39 mm applicator head, the Z *Wave* *Pro* transmits the radial shockwaves directly and with a high precision into the tissue. It was observed and documented that the introduction of a mechanical pressure wave triggers various tissue reactions that have a beneficial effect on the skin structure.

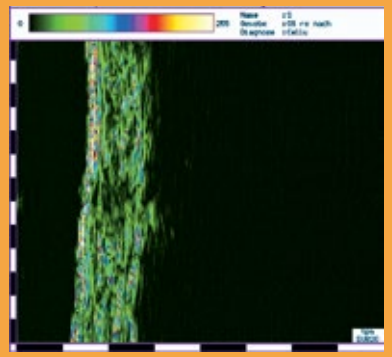
Successful combination

In combination, the Z *Wave* *Pro* is used with great success before or after Cryolipolysis™, ultrasonics, radio frequency, soft laser or injection lipolysis to improve the skin und support fat reduction. Application observations, including from the USA, show very good results (studies available).

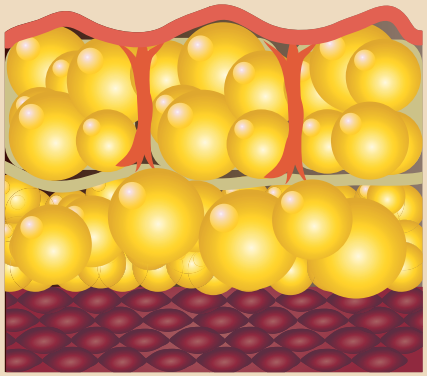
20 MHz ultrasonics - The skin density shows significantly better values after treatment.



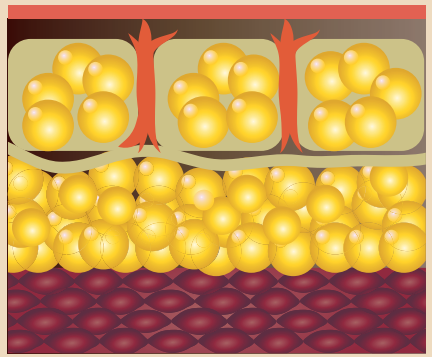
before treatment



after treatment



before treatment

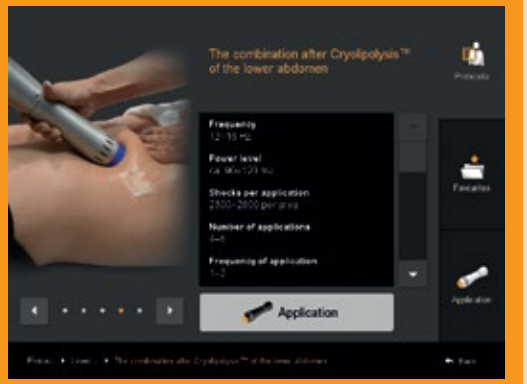


after treatment

Z Wave^{Pro} – Visible results

Z *Wave*^{Pro} – The perfect combination

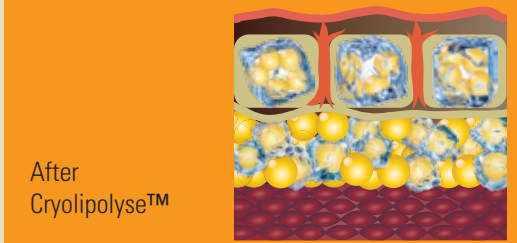
Maximum functionality thanks to modern software



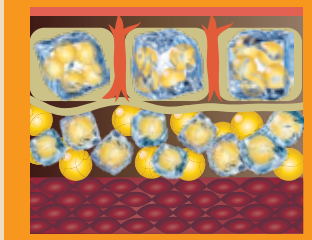
Skin tightening & body contouring

To meet modern practice requirements, we have extended the application menu by the following combination treatments for fat reduction and skin tightening:

- Combination with Cryolipolyse™
- Combination with ultrasonics
- Combination with soft laser
- Combination with radio frequency



After Cryolipolyse™



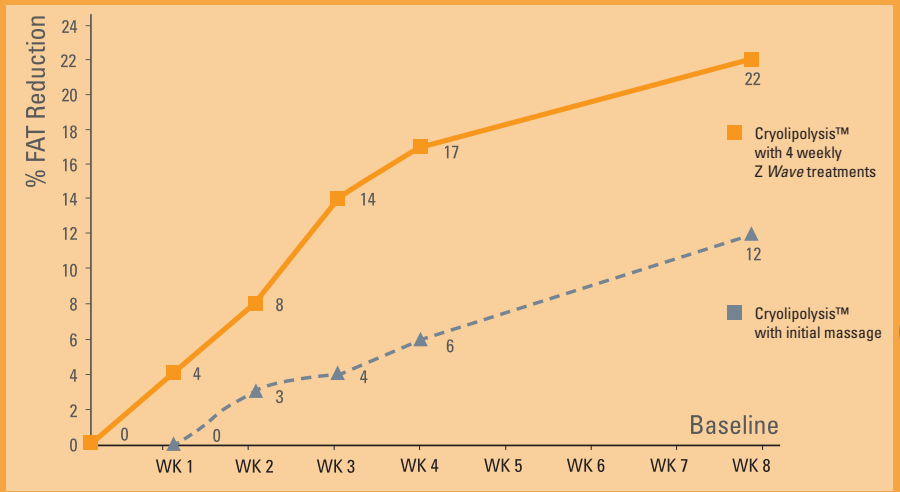
After Cryolipolyse™ combined with the Z *Wave*^{Pro}

Effects and tissue reactions

- Increased blood flow
- Cell rejuvenation
- Strengthening of the connective tissue
- Flushing out of toxins (lymphatic drainage effect)
- Mechanical lipolysis
- Improvement of scar tissue
- Collagen regeneration
- Acceleration of cavitation for fat reduction

Cryolipolysis™ vs Cryolipolysis™ and ZWave

Studies carried out in 2013 have shown that a shockwave treatment directly after Cryolipolyse™ and subsequent shockwave treatments once a week for four weeks can almost double the treatment effects with regard to fat reduction. The graphic opposite shows the fat reduction in % over 8 weeks with/without shockwave treatment. In addition to improved fat reduction, improved skin tightening is to be expected at the same time.



Study by: Jeffrey A. Hunt

Zimmer
Zimmer

Z *Wave*^{Pro} – Innovative & user-friendly

Special features

- Simultaneous connection option for 2 handpieces
- Intuitive and user-friendly Touch-screen operation
- Energy levels from 60 to 185 mJ (comparable with 1-5 bar)
- Pulse frequencies from 1 to 22 Hz
- Up/down pulse counter with default number of shocks
- New, extended application menu with treatment recommendations
- SD card for memory, update and service
- Less maintenance, long service life
- Modern unit design
- Can be used as tabletop unit

Success made easy

The Z *Wave*[Pro] *is intuitive and easy to operate thanks to its 12" colour touch-screen and preset programmes.*
The programmes can be selected via the "application list" or the "body screen". All programmes are stored with the recommended settings, images and additional information. Up to 240 programmes can be defined and stored as required. The frequency and energy can be set via the two controller, the parameters are shown clearly on the display.

The modern mechanical shockwave generator offers a long service life with consistently high precision. Updates, programme storage and service are carried out via an SD card function.

Thanks to its two handpieces, the Z Wave[Pro] *is ready for use at any time, even over a longer period.*
The guaranteed 2,000,000 pulses per shockwave generator (corresponds to approx. 1,600 applications) enable economic work processes.

wave

Technical data

Technology	Compressor-free ballistic shockwave system with electromagnetic generator as projectile accelerator, 1 – 22 Hz, 60 – 185 mJ
Programmes	10 preset application fields plus respective detailed treatment recommendations
Control unit	12" colour touch-screen for all software operations Controller for energy and frequency. Handpiece operation via multi-directional foot switch
Memory and update	SD card for application menu memory, favourites and adapted programmes (99 storage locations) / error log / firmware update
Mains voltage Protection class	100 – 240 V / 50/60 Hz; 220 V / 60 Hz I
Dimensions, weight	L 200 mm / W 350 mm / H 300 mm, 3.8 kg (without handpiece)
Guarantee	2,000,000 shocks on each shockwave generator

Distributed by
VANGUARD AESTHETICS
www.vga-asia.com
admin@vga-asia.com

VANGUARD AESTHETICS

Zimmer AestheticDivision
www.zimmer-aesthetics.com

EN 10102178 BäZ 1018 I Version 3 I subject to change I Photography: Fotodesign Rieger, Geislingen/Steige