



**CELLACTOR® SC1 »ultra«**  
**AWT® – Acoustic Wave Therapy**



## Treatment of aesthetic indications with Acoustic Wave Therapy (AWT®)

In the fragmentation of kidney stones, only the mechanical effect of acoustic waves used to play an important role in the past. However, recent studies have revealed that acoustic waves used in aesthetic therapy produce biologic effects that can contribute to the stimulation of metabolic processes and lead to improved connective tissue elasticity.

Optimum treatment results are achieved by combining different energy sources:

### 1. High-energy, short defocused waves

These waves generated by the C-ACTOR® handpiece are used for fat breakdown in the tissue, for instance. Treatment progress can be documented by measuring the layer of fat with ultrasound (optional).

### 2. Low-energy, long radial waves

The waves generated by the D-ACTOR® handpiece exert their maximum effect near the skin surface,

to improve the elasticity of the connective tissue or in anti-cellulite treatment, for instance.

### 3. Stimulating vibration pulses as complementary treatment

Vibration pulses are produced with the V-ACTOR® handpiece to stimulate tissue structures over large areas, improve lymphatic drainage flow and to contribute to muscle relaxation.

C-ACTOR® handpiece for fat breakdown in the tissue



D-ACTOR® handpiece for anti-cellulite treatment



V-ACTOR® handpiece for muscle relaxation





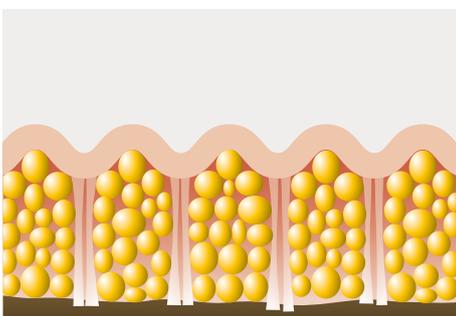
## Fields of application of Acoustic Wave Therapy

- Body shaping
- Anti-cellulite treatment
- Scar and wrinkle smoothing
- Skin elasticity improvement
- Connective tissue tightening
- Treatment of pregnancy stretch marks
- Treatment of skin irregularity after liposuction

## Effects on the epidermis and connective tissue during cellulite treatment

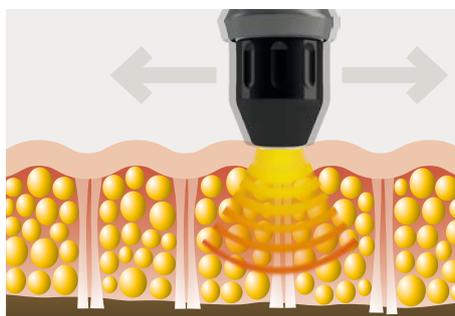
### Before AWT®

Enlarged fat cells bulge upwards towards the skin surface. The inelastic vertical connective tissue fibres do not stretch along with the surrounding adipose tissue. The typical orange peel appearance becomes visible on the skin surface. Local blood circulation is significantly reduced.



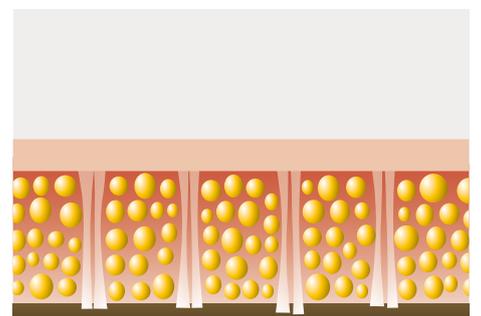
### During AWT®

Acoustic waves are introduced into the body. The connective tissue relaxes, and the firmness of the epidermis increases. Blood circulation in the tissue is significantly enhanced and enlarged cells shrink to their normal size.



### After AWT®

The results of AWT® are improved density and restored natural elasticity of the skin and connective tissue along with a visible and long-lasting improvement in skin texture.





## CELLACTOR® SC1 »ultra« – Modular design and intuitive operation

With the new modular design of the CELLACTOR® SC1 »ultra« both new and experienced users will be able to utilise the different functions in their daily practice and to extend the system functions according to their specific needs.

Thanks to modern touch screen technology and the sophisticated menu-driven user interface, the

CELLACTOR® SC1 »ultra« is designed for maximum ease of use. The symbols used and the way these are arranged on the screen make system operation self-explanatory and ensure quick learning.

The system offers automatic documentation of each treatment session in a patient management system to ensure sustainable therapy success.

The package is rounded off by treatment instructions that are supported by videos and images.

The radial handpiece is controlled either by the control module or using the handpiece display. Both frequency and energy level can be adjusted directly at the handpiece.

### Touch screen with treatment instructions



### Touch screen with therapy videos



### Handpiece display

