



wellcomet
TECHNOLOGY



LDM Triple



Triple 19

Made in Germany

LDM

LDM Triple

ParagonCare



LDM Triple success technology treats:

Wrinkles and Folds

Skin Tightening (Face and Body)

Connective Tissue Lift

Skin Rejuvenation

Anti-Ageing

Phonophoresis (Face and Body)

Stretch Marks and Cellulite

Acne and Acne Scars

Dermatitis, Eczema, Atopic Dermatitis

Hypertrophic Scars

Ulcus Cruris

Contusions



A sustainable approach to long-term skincare

Experience the exceptional transformation of the skin's appearance through treatments with Wellcomet LDM technology. Unlike other treatments that may harm the skin over repeated sessions, LDM ensures a sustainable and long-term approach to skincare with remarkable results.

Why select LDM Triple?

Painless & unintrusive

Short treatment time

Tailored for effortless staff training

Lack of downtime between treatments

Reduced risk of infection

Improves skin barrier & long-term skin health

Complimentary in conjunction with other treatment systems on the market

High-quality allergen-free titanium heads with gold elements for safety

No expensive consumables

21 preset treatment programs for efficiency

Customisable individual mode

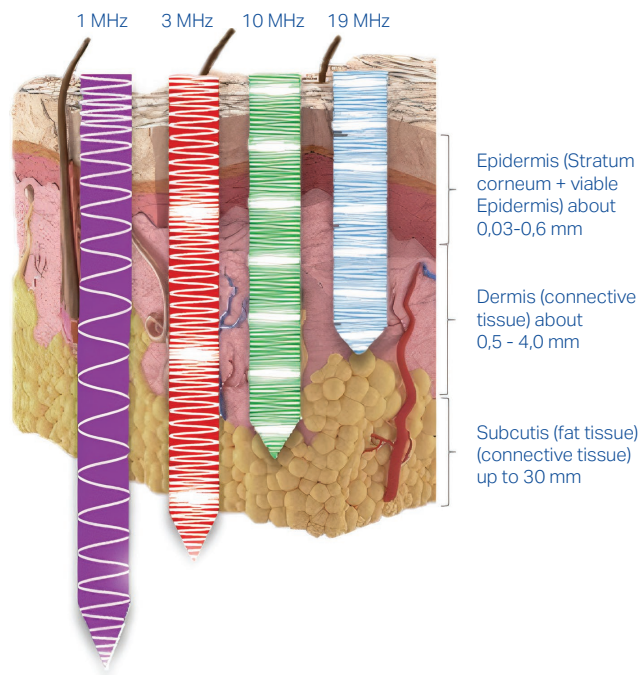
Innovative triple ultrasound wave

The LDM Triple is an innovative treatment designed primarily for aesthetic-dermatological applications. Its hallmark feature is the globally exclusive triple ultrasound wave (triple LDM®), renowned for its non-invasiveness, year-round applicability, and seamless compatibility with diverse treatment methods. These specialised ultrasound waves not only elevate standalone treatments but also complement pre- and postoperative measures in aesthetic plastic surgery, amplifying customer results.

LDM Triple's effectiveness springs from a trio of ultrasonic frequencies – the established LDM® and 10 MHz, along with the breakthrough 19 MHz frequency. This fusion forms a dynamic triple technology wave, yielding unparalleled outcomes.

What makes LDM Triple unique?

Most ultrasound systems only use frequencies ranging from 1 MHz to 5 MHz, and the introduced energy is mainly concentrated far below the dermis. The LDM Triple uses ultrasonic waves with unique frequencies of 10 MHz and 19 MHz. With a half-depth of just 3 mm/1.5 mm, these two frequencies work predominantly in the upper layers of the skin. With the 19 MHz frequency, targeted superficial work is possible, especially in the dermis and the border of the dermis/subcutis. Due to the small wavelength of 150 µm/75 µm, these frequencies can influence single cells or small cell groups within tissue and create higher quality cell reactions from conventional ultrasound waves.

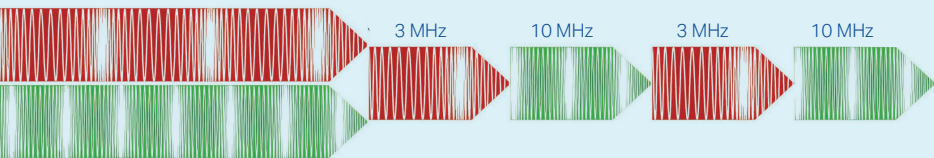


Depth of penetration of different ultrasound waves

What is LDM?

LDM® (Local Dynamic Micro-massage) is a dual-frequency ultrasound technology that mixes two ultrasound waves of different frequencies in a rapid alternation to create a novel LDM® wave. LDM Triple offers up to five different dual-wave combinations - LDM® waves with frequencies of 1/3 MHz, 1/10 MHz, 3/10 MHz, 3/19 MHz and 10/19 MHz. Such "hybrid waves" produce pressure gradients within the tissue that can specifically and deeply affect individual cells and whole structures of the extracellular matrix.

LDM® 3/10



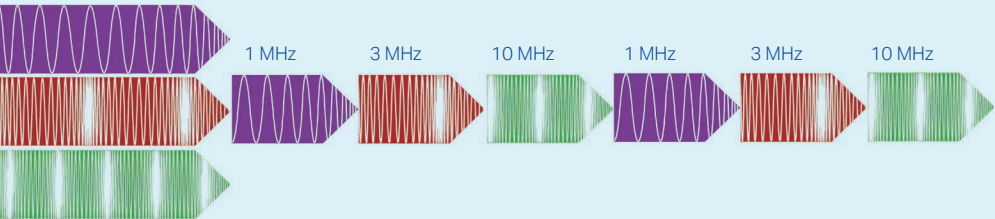
Example of a dual LDM® wave with 3 and 10 MHz and a change in the pressure gradient

What is Triple LDM®?

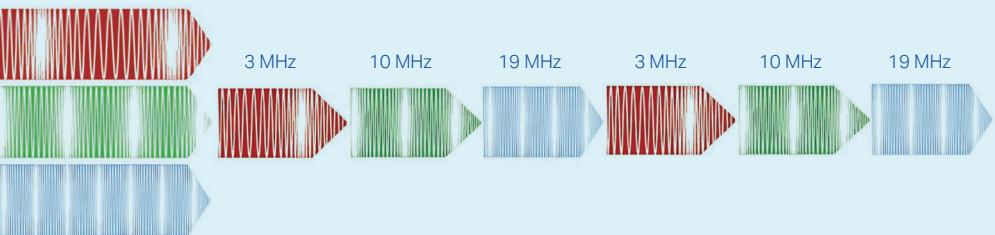
Triple LDM® is a further development of the LDM® technology and, similar to the LDM® technology, involves an instantaneous change between different frequencies. As an innovation in the aesthetics and medical markets, Triple LDM differs from other ultrasound systems by changing three frequencies simultaneously.

Using three different frequencies allows an even greater dynamic pressure distribution in the tissue over several layers and may lead to a differentiated physiological effect. In addition to the combination wave 1/3/10 MHz, the LDM Triple works with the setting 3/10/19 MHz and integrates the innovative 19 MHz frequency for the first time in the Triple LDM® technology.

Triple LDM® 1/3/10 MHz



Triple LDM® 3/10/19 MHz



Example of a triple LDM® wave with 1/3/10 MHz and 3/10/19 MHz.

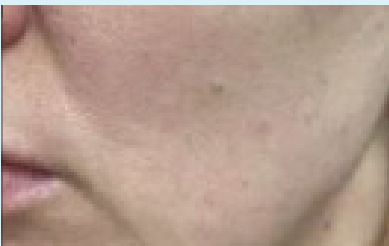
What effect does LDM® have on the skin?

The ultrasonic waves used in the LDM Triple with their LDM® and triple LDM® combinations can modulate individual tissue structures and thus specifically intervene in dynamic processes of the connective tissue. For example, they do not only regulate the so-called matrix metalloproteinases (MMPs), which are primarily responsible for tissue degradation but also influence the production of heat shock proteins (HSPs) that are necessary for proper protein control in tissue. Hyaluronic acid (HA) levels in the skin can also be influenced by specific ultrasound frequencies that can subsequently lead to more turgor and some rapidly visible structural changes in tissue.

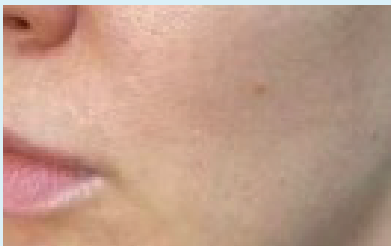
What is the typical treatment schedule of LDM Triple?

Depending on the age and condition of the skin, treatment with two sessions per week over 4-6 weeks are recommended. For dermatological indications, usually 6-8 treatments are needed, and in complicated cases, 10-16 treatments.

Before



After



Book a demonstration or discover more about LDM®-Triple via the QR code.

Enable your practice

with the transformative capabilities of the triple success technology of LDM[®] Triple.

Technical Data

Ultrasound frequencies:	Single frequencies: 1 MHz; 3 MHz; 10 MHz; 19 MHz LDM[®]: 1/3 MHz; 1/10 MHz; 3/10 MHz; 3/19 MHz; 10/19 MHz Triple-LDM[®]: 1/3/10 MHz; 3/10/19 MHz
Treatment heads:	Sonotrode #1: 3/10/19 MHz 5cm ² ; 340g Sonotrode #2: 1/3/10 MHz 5cm ² ; 290g Sonotrode #3: 1/3 MHz 10cm ² (optional)
Treatment modes:	cont.; 1:2; 1:5; 1:10, dual LDM [®] ; triple-LDM [®]
Intensity:	Up to 3 W/cm ²
Outputs:	2 outputs of the sonotrodes
Instrument safety:	Protection class I
Mains voltage, power consumption:	230 V ± 10%, 50Hz, 55VA
Mains fuses:	250 V, 2 x TL 0.63 A
Dimensions (H x W x D):	174 x 485 x 293 mm
Weight:	8.5 kg

☎ +61 438 920 076, 1800 228 118
🌐 paragoncare.com.au
✉ aesthetics@paragoncare.com.au

Book a demonstration
or discover more about
LDM[®]-Triple
via the QR code.

