

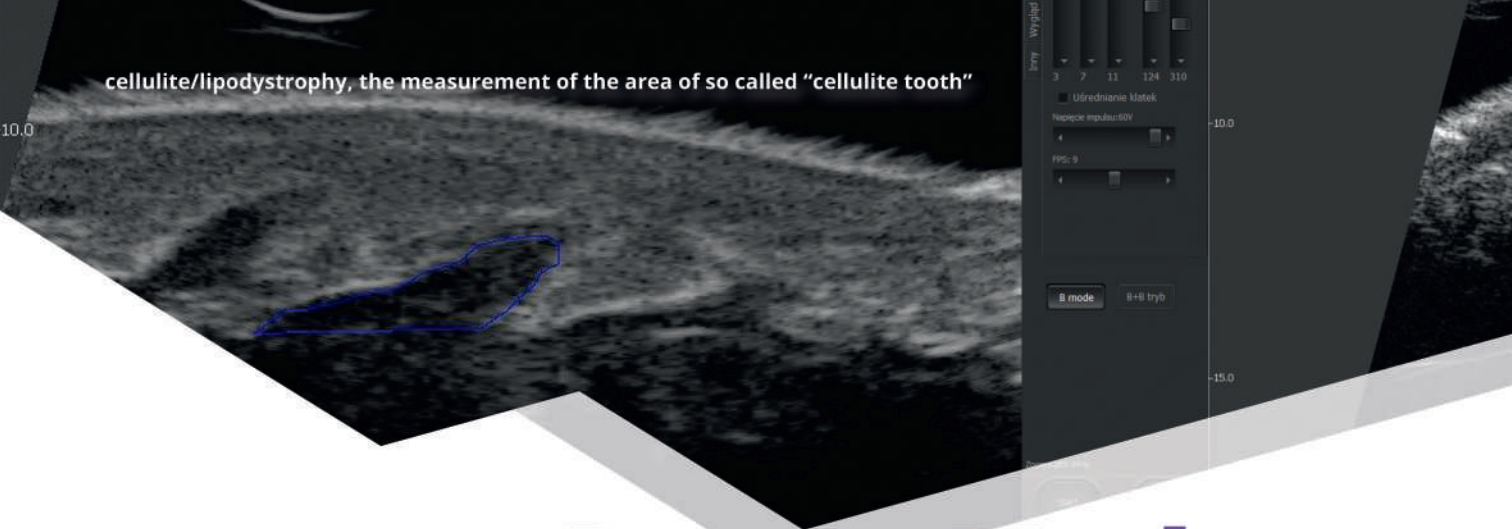
DRAMIŃSKI[®]
ULTRASOUND SCANNERS

EXPLORE SKIN

DermaMed



ultrasound scanner **48** MHz



cellulite/lipodystrophy, the measurement of the area of so called "cellulite tooth"

Make **DermaMed**

YOUR COMFORT AND YOUR SAFETY:

01

You will look deep into the skin non-invasively and painlessly. You will assess the state of normal or pathologically altered layers: epidermis, dermis and subcutaneous tissue.

02

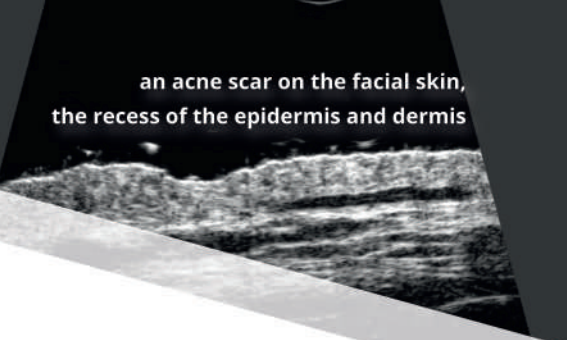
You will select the appropriate method and you will objectively evaluate the effectiveness of the treatment carried out on the basis of: cosmetology, aesthetic medicine, dermatology and oncology.

03

You will accumulate a based on facts documentation and will join the images taken before and after surgery to a patient's medical record. Such medical data will protect you against patients' claims in case of any complications.



intradermal blood vessels in transverse projection



an acne scar on the facial skin,
the recess of the epidermis and dermis

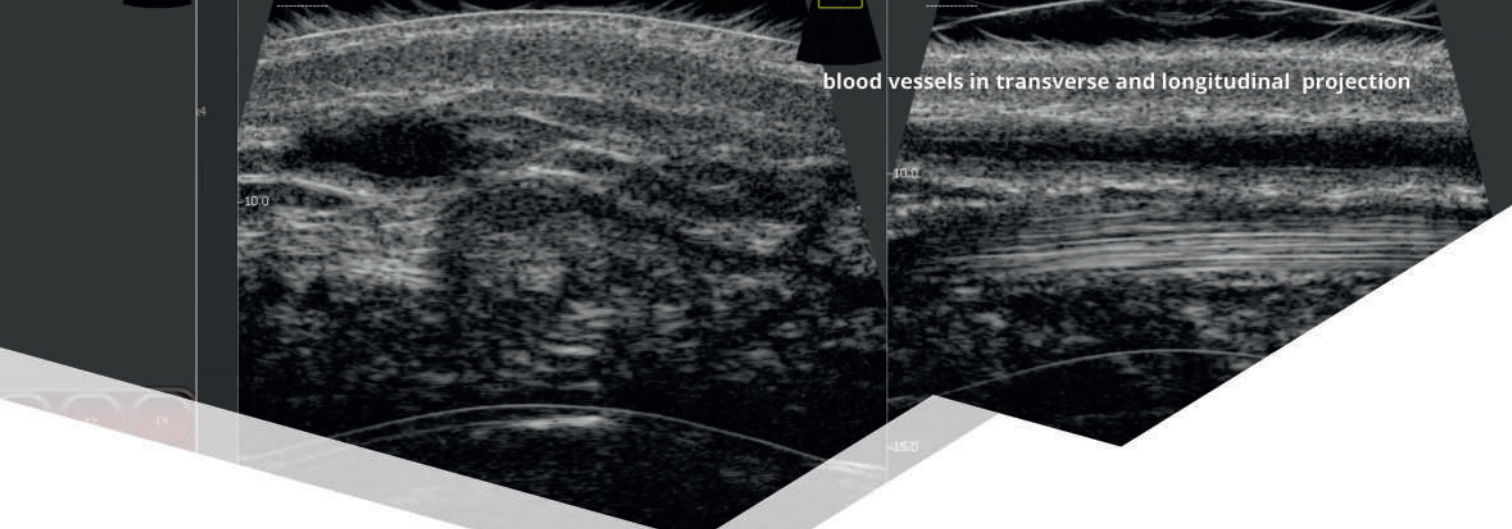
YOUR indispensable

AESTHETIC MEDICINE & COSMETOLOGY:

01 **You will avoid many possible complications**, eg. due to the possibility of imaging small veins and arteries you will exclude the risk of injection the filler into the blood vessel. You will select the most effective and the safest parameters of the laser for the patient.

02 **You will plan the treatment perfectly and will improve the efficiency** of the laser occlusion therapy treatment, sclerotherapy or perivascular treatment choosing the most appropriate method. You will locate and specify the course of the vessels, evaluate the anatomy, locate perforators, measure the diameter and thickness of the blood vessels and the depth of the vessels in the skin.

03 **You will assess the effectiveness of treatments and cosmetics** applying for the skin appearance improvement. It will clearly show the effect of treatments: microdermabrasion, chemical peelings, mesotherapy, ablative and non-ablative laser treatments. You will estimate the degree of skin hydration. You will rate any inflammatory reaction after tattooing. You can measure the severity of cellulite and you will evaluate the effectiveness of anti-cellulite therapy. You will apply DermaMed in monitoring a therapy aimed at removing scars, stretch marks and keloids.



blood vessels in transverse and longitudinal projection

SUPPORT in the world of skin

DERMATOLOGY & ONCOLOGY:

01

You will measure precisely a size of tumor of the dermis, the length, the depth of infiltration of surrounding tissue. This will allow you to properly plan the surgery in order to cut the change in full, with a margin of healthy tissue without causing excessive aesthetic defect.

The correlation between measurements made with high frequency ultrasound and histological measurements is very high and is 0.92 - 0.97 *.

02

You will apply DermaMed to analyze the condition of a pathologically changed skin.

You will assess the nature of the change and the progress of treatment for diseases such as dermatitis, hypersensitivity, psoriasis, scleroderma and leg sores. DermaMed will show you a healing process of the skin grafts, burns and scarring.

03

You will perform a precise needle biopsy of the inflammatory infiltrates, granulomas or persistent fillers deposits under the control of the ultrasound image of DermaMed.

* Jasaitiene D, Valiukeviciute S, Linkeviciute G, Raisutis R, Jasiuniene E, Kazys R.: Principles of high-frequency ultrasonography for investigation of skin pathology. J Eur Acad Dermatol Venerol. 2011 Apr;25(4):375-82. doi: 10.1111/j.1468-3083.2010.03837.x. Epub 2010 Sep 16.

High resolution USB ultrasound system


Low cost of examination

Easy to use, even for non-ultrasound experts

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