

EquCellpen®

cordless
mobile

Direct cold plasma therapy for
equine medicine



EquCellpen®

Selected indications

Dermatology

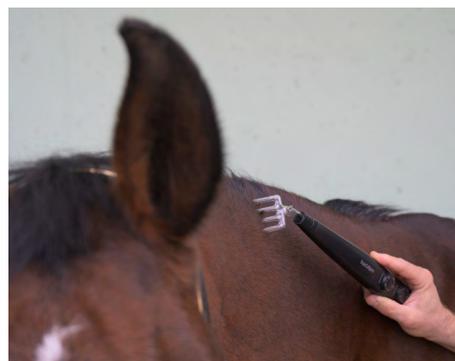
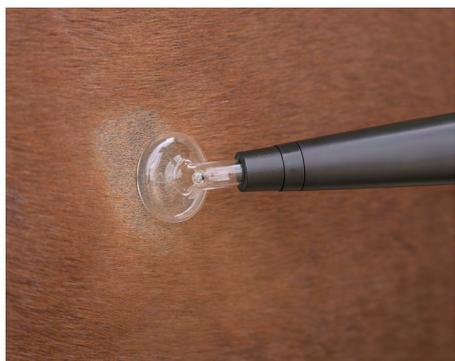
- Abrasion and decubitus ulcer
- Malanders
- Mouth corner wounds
- Scars
- Saddle pressure
- Sweet itch
- Problems with wound healing
- Burns

Orthopaedics

- Proximal suspensory desmitis (PSD)
- Desmitis of the suspensory ligament
- Kissing spines
- Tendon lesions (SDFT/DDFT)
- Tendinitis

Physiotherapy

- Trigger points
- Post-operative healing
- Hematomas
- Muscle relaxation
- Muscle spasms of the spine



The EquCellpen® and its functions



Place the interchangeable electrode of your choice directly on the patient's skin to transmit the electrical impulses. No need for shearing or use of a contact agent.

Why the EquCellpen® is ideal for your veterinary practice

- The pen is easily manageable, easy to use and requires no auxiliary materials.
- Thanks to application-specific electrodes and variable settings, the range of its uses is extremely broad.
- Interruption-free work thanks to a long operating time and replaceable battery.
- With its numerous indications, the pen is suitable for day-to-day practice.
- Because it supports you efficiently in the fight against multiresistant microorganisms and can therefore be used for every wound and all infectious skin diseases.



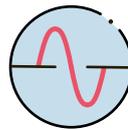
The Impulse/s setting determines the pulse frequency from 10 to 100 Hz according to the indication and recommendations in the Therapy Guide.

The «Amplitude» rotary switch is used to switch the device on and off. Turning the rotary switch determines the device's output power and consequently the intensity of the therapy.



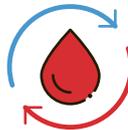
Principle of action: direct cold atmospheric plasma (dCAP)

The cordless pen successfully generates a high voltage from the power of a small 3,7-volt battery to produce therapeutic dCAP. The plasma current can be directed precisely onto the skin surface to be treated with the help of variously shaped electrodes. The medical effect of dCAP has been proven in numerous studies.



Cell activity stimulation: promotes healing and inhibits inflammation

dCAP directly stimulates the body's cells and changes their behaviour. Healing processes are promoted through increased cell proliferation, inflammation is reduced by influencing the formation of cellular mediators, and the immune system is boosted. Tissue remodelling is improved.



Promotion of blood circulation leads to faster healing

dCAP has an immediate and lasting hyperaemic effect on the treated tissue. The formation of new blood vessels is also stimulated. This improves metabolism and accelerates healing.



Antimicrobial and anti-parasitic effect

The reactive species of dCAP, which contains ozone, hydrogen peroxide and other oxygen and nitrogen radicals, have a powerful antiseptic effect that does not encounter any resistance problems and is therefore effective against multiresistant microorganisms (MRSA). dCAP also has a fungicidal effect and has been shown to impair parasites (lice, demodex).

Available steel core electrode



Straight

Art. CP-100.270

Universal use, spot-focused or wide-area (lateral) application, dermatology and orthopaedics

EquCellpen®-Set

Art. EQU-100



- Transport Case
- EquCellpen®
- Battery charging station with power adapter cable
- 2 rechargeable batteries
- Space for 5 electrodes
- Quick Guide EquCellpen®
- Therapy Guide EquCellpen®

Technical data

- Medical plasma source in accordance with DIN SPEC 91315, tested by INP (Leibniz-Institut für Plasmaforschung und Technologie e.V.)
- Cordless high-voltage generator for generating cold atmospheric plasma (CAP)
- Plasma is generated through direct dielectric barrier discharge (dDBD)
- Antibacterial device coating
- Battery insert on the back of the unit, exchangeable

EquCell® is a Business Unit of

ActivCell
Group

ActivCell Group AG
Luzernerstrasse 20
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www.activcellgroup.com
www.equcell.ch

Available glass electrodes



Curved

Art. CP-100.210

Intense, spot-focused impact with improved depth of penetration, especially for orthopaedics



Comb

Art. CP-100.230

Especially suitable for longer coats and for multi-point use: muscles, back conditions



Disc

Art. CP-100.240

Especially for dermatology, wide-area, gentler effect, for sensitive, painful areas



2-year
guarantee



Made in
Switzerland

Length (without electrode)	24,5 cm
Length (without electrode)	200 g
Pulse range	10 – 100 Hz
Maximum output voltage	25 kVAC
Maximum output power	140 mW/cm ² *
Battery runtime	30 – 60 min
Battery charging time	90 min

* straight electrode