

QuickGuide

μ-CPC

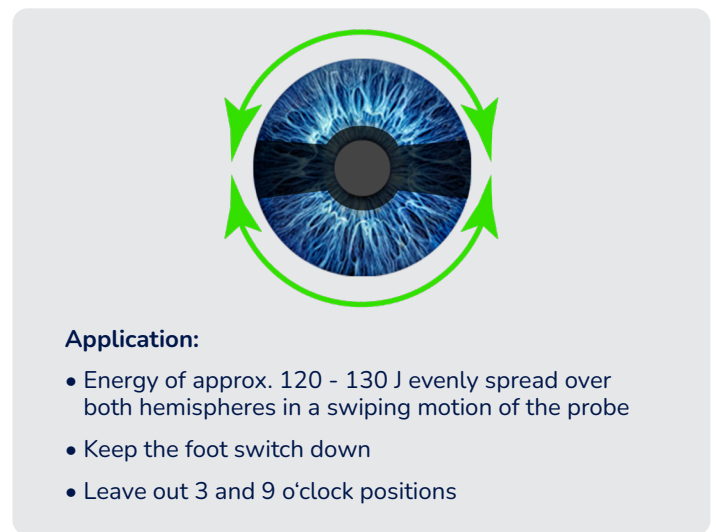
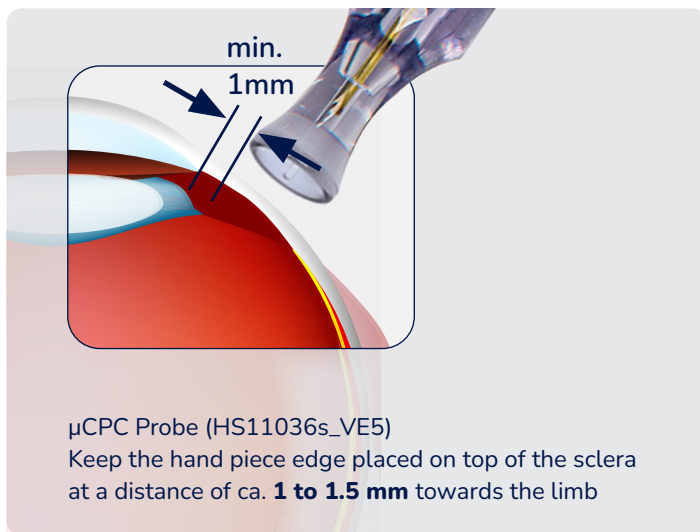


A.R.C.
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Your Settings for μ-CPC:

Treatment parameter:

A special setting of microsecond pulses (500 μs pulse duration / 1 ms pulse pause) is used. The eye is treated with a total energy of min. 110 J to max. 150 J (literature)*. The power setting is **2.0 up to 2.5 Watt**.



Application:

- Energy of approx. 120 - 130 J evenly spread over both hemispheres in a swiping motion of the probe
- Keep the foot switch down
- Leave out 3 and 9 o'clock positions

The application tip of the μCPC probe is already patent pending and has three convincing advantages for more patient comfort: The cavity of the attachment must be filled with viscoelastics. The **stable contact angle** ensures **lower contact pressure** and **increases gliding** on the sclera.

*Sanchez FG, Peirano-Bonomi JC, Grippo TM. Micropulse Transscleral Cyclophotocoagulation: A Hypothesis for the Ideal Parameters. Med Hypothesis Discov Innov Ophthalmol. 2018 Fall; 7(3): 94-100.

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Your Settings for μ -CPC:

FOX 810



power

pulse duration

pulse pause

energy counter
(press to reset)

FOX IV 810



set energy or
time counter

pulse duration

pulse pause

power

For the treatment of the ciliary body with short duration laser pulses the FOX laser has to be equipped with a μ CPC Probe (HS11036s_VE5). The hand piece has to be moved continuously over the scleral surface in contrast to the single spot application in cyclophotocoagulation. Each hemisphere should be swept once within 15 seconds. This procedure is repeated until approx. 60 J have been applied per hemisphere. The laser radiation is applied all around the eye avoiding the 3 and 9 o'clock positions with a distance of about 1 to 1.5 mm to the limbus (hand piece edge). Swiping motion is necessary. If this motion is interrupted (stop & go) the risk of inflammations is increased. The aim of the treatment is to shrink the ciliary muscle and not to destruct the ciliary body. Based on this interaction, the trabecular meshwork is set under tension and the outflow of the aqueous humour is improved. In contrast to thermal CPC, μ CPC offers a gentle procedure with significantly reduced risks and side effects. If necessary, the treatment is repeatable.



PLEASE NOTE Detailed description of Intended Use as well as contraindications, risks and side-effects can be found in User Manual of Fibers and Probes and laser device.