

MultiFlex Nd:YAG facts

Rethinking
the Nd:YAG
design

The Ellipse MultiFlex Nd:YAG handpiece features innovations that make it ideal for treatment of leg veins.

Ideal for leg veins

While IPL works effectively for many vascular treatments, leg veins are better suited to treatment with an Nd:YAG laser. Now physicians have access to both technologies in one machine: the Ellipse MultiFlex.

Laser effectiveness

The Ellipse MultiFlex Nd:YAG handpiece produces long-pulsed, monochromatic laser light at 1064 nm. Clinical studies have proven that this wavelength is effective for selective photothermolysis and vessel destruction of large vessels such as leg veins. The MultiFlex Nd:YAG handpiece is FDA- and CE-cleared for treatment of leg veins.

Greater comfort

Because the Ellipse MultiFlex employs a new, patent pending "SoftCool™" air cooling system, patients experience more com-

"SoftCool™" multi-pass air cooling system provides the most comfortable and effective treatment. No extra operator time needed.



The Nd:YAG is the first of a portfolio of Ellipse MultiFlex laser handpieces.



An adjustable polarised, white working light reduces reflections, while the adjustable, red aiming beam plugs into the centre of the treatment spot for excellent visibility.

fort with the Ellipse Nd:YAG laser handpiece than with many laser systems applying contact or spray cooling.

A focused stream of cool air efficiently removes excessive heat by pre-, parallel and post cooling. This makes an Ellipse MultiFlex Nd:YAG treatment more tolerable than many alternative Nd:YAG treatments.

Low running cost

Many laser systems rely on expensive cryogen spray for cooling. With "SoftCool™", the Ellipse MultiFlex produces its own stream of cooled, focused air at no additional cost and without any bulky accessories.

Since the cooling device is fully integrated in the system, there is no need for an extra operator during procedures.

Safe delegation

The MultiFlex Nd:YAG handpiece is supported by built-in clinical intelligence that ensures effective treatment and reduces the risk of side effects. Based on the operator's evaluation of patient

The Ellipse Nd:YAG handpiece