



neoLaser

Urology

Laser and Fiber Solutions for Bladder Tumor Ablation

Built on precision laser technology and the most advanced fiber portfolio, neoLaser's Urology platform enables surgeons to treat bladder tumors safely in the office under local anesthesia.

Recurrent bladder cancer means repeated resections under general anaesthesia for an elderly, comorbid population.

The neoV 1470 laser and fiber technology ablates recurrent tumors through a flexible cystoscope under local anaesthesia, in a single 10 to 20 minute visit, with same-day discharge.

The 1470 nm wavelength is highly absorbed by water in tissue, so heating stays localized. Vaporization and haemostasis happen together in one wavelength: precise removal, a clean and largely bloodless field, and a low risk of perforation, even in patients on blood thinners.

96%

10-YEAR CANCER-SPECIFIC SURVIVAL¹

4%

COMPLICATION RATE¹

HALF

THE BLOOD LOSS VS TURBT²

10-20_{min}

IN-OFFICE PROCEDURE³

Precision Laser Systems

neoLaser chooses only the best materials and components for its platform, providing unmatched reliability and peace of mind for your practice. The neoV laser systems stand apart in terms of design and craftsmanship.

The neoV 1470 is the most advanced system on the market, providing superb output power precision and stability throughout the system's lifetime and during the workday due to its use of a full metal housing coupled with optimal cooling, and utilization of the best diode source on the market.



- Readily absorbed by water in tissue
- High and consistent output power
- Optimal cooling technology
- Full metal housing
- Superior diodes

The neoV1470 LASER SYSTEM

Wavelength	1470 nm
Output power (laser head)	12 W
Operating modes	CW, Pulsed
Surgeon presets	99
Weight (without case)	3.5 kg
Warranty	2 years

Advanced Fibers and Probes



Sterile HiFlex Fibers are used to guide the laser energy to the treatment area. The fiber end can be used in contact with the tissue or at a distance from the tissue. The HiFlex Fibers can be used with handpieces or flexible cystoscopes, or without any accessories depending on the location of use.

- Easy-Click flexible fibers are available in 280 and 375µm
- Fiber coupling is an easy click connection (no screwing)
- Our highly flexible fibers are compatible with cystoscopes

REFERENCES

1. Ng CPY, et al. BJUI Compass. 2025;6:e70052.
2. Fu J , et al. J Int Med Res. 202;49(12):34939431.
3. Hermann GG, et al. Scand J Urol. 2018;52(3):194.