



UROLOGY

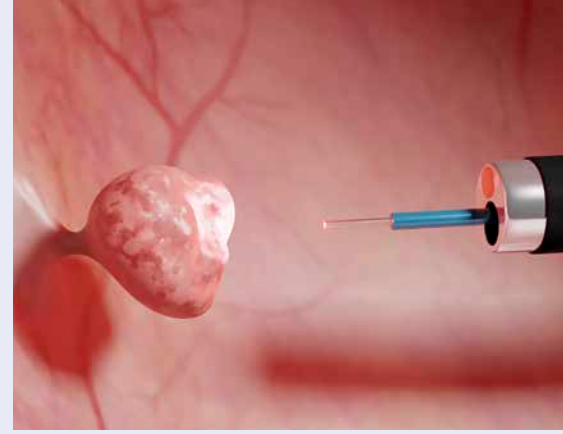
TULA[®] DUAL

Bladder Tumors (NMIBC)

Technology
meets Anatomy



TULA[®] DUAL – Laser Technology



Staying true to its tradition of pioneering minimally invasive treatments, biolitec[®] combines dual wavelengths of 980 nm and 1470 nm to deliver excellent and efficient intra and postoperative results. Dual diode lasers, paired with high-quality fiber optics, ensure safe and cost-effective procedures for both healthcare professionals and patients.

THE IMPACT OF BLADDER CANCER

9th

most commonly
diagnosed cancer
in the world

5th

most common
cancer in Europe

1.9 M

people live with bladder
cancer worldwide

75 %

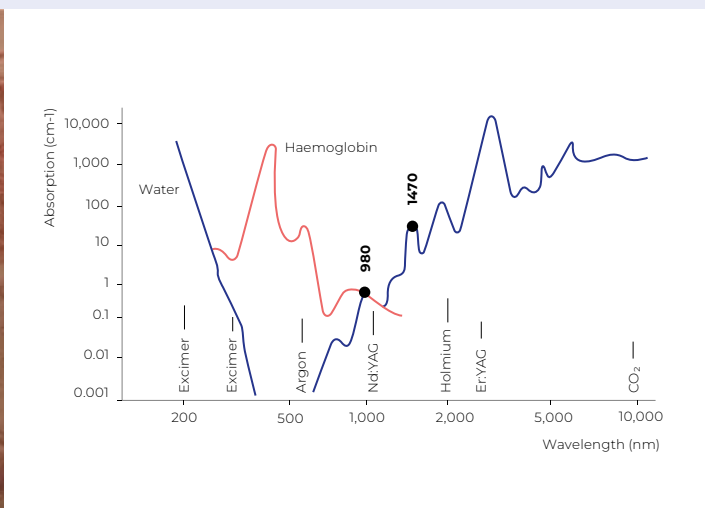
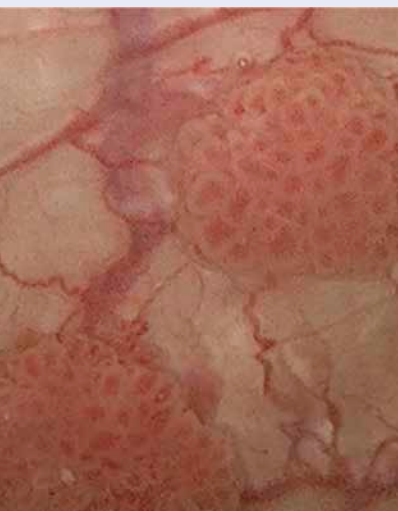
of all urothelial bladder
tumors are NMIBC

€ 4.9 bn

economic burden across the EU

>570 K

new cases per year



LEONARDO[®] DUAL

with specially designed
fibers combines the
wavelengths of 980 nm
and 1470 nm with high
absorption in water
and hemoglobin

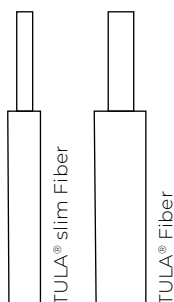


TULA[®] DUAL
Animation

NON MUSCLE INVASIVE BLADDER TUMORS NMIBC

Non-muscle-invasive bladder tumors typically have a high recurrence rate, leading to multiple treatments. Elderly patients with multiple morbidities are often not fit for conventional treatment under general anesthesia. TULA® DUAL offers a technique using flexible cystoscopy for the treatment of bladder tumors under local or even no anesthesia in outpatient settings. The TULA® slim fiber allows for greater scope flexibility, which is essential for bladder neck procedures on the J manoeuvre with flexible cystoscopes. This is particularly helpful when a middle lobe is present, limiting scope deflection. It is also useful for hard-to-reach lower pole UUT TCC when using flexible ureterorenoscopes.

Advantages



- Prevents obturator nerve reflex
- Specially designed fibers for best visibility
- Controlled and focussed penetration depth with less thermal spread
- An atraumatic fiber tip ensures smooth insertion while protecting the working channel
- Dual-wavelength concept for matched penetration depth in tumors
- An office procedure without anesthesia
- Compatible with single and re-useable cystoscopes
- Clinically proven non-inferiority to TURBT
- Hexagonal fiber core for homogeneous treatment
- A resource and cost efficient procedure
- Ability to treat anticoagulated patients
- Low pain scores with excellent tolerability

Technical Specifications



Model	LEONARDO® Mini Dual
REF	SL980+1470 nm16 W
Power/Wavelength	11 W (980 nm)/5 W (1470 nm)
Fiber diameter	≥ 360 µm
Aiming beam	635 nm, max. 4 mW
Treatment mode	CW, pulse mode
Pulse duration/break	0.01 – 180 sec/0.01 – 180 sec
Power supply	110 – 240 VAC, 50 – 60 Hz (12 VDC @ 100 W)
Batteries	Li-ion batteries
Dimensions (H x W x D)	6 cm x 9 cm x 21.5 cm
Weight	900 g

All laser sets incl. 3 safety goggles, foot switch, power cord and manual.

Fibers

REF	Product	PU*	Length [m]
503100410	TULA® Fiber, IC	10	3.0
503200329	Megabeam HBFSF 272-365, Spherical tip, IC (TULA® slim Fiber)	10	3.0

*Packing unit

All fibers are free of latex and DEHP. Our fibers are single use products (unless otherwise indicated), delivered sterile for immediate use.

Kit

REF	Product
503100415	TULA® Kit , IC

Accessories

REF	Product
AB5801	TULA® biopsy Forceps single use 1.8x1200 mm sterile*
AB5815	Push TULA® Y connector*

* in kit included

CONTACT US

To Learn More About a Whole New World of Minimally Invasive Laser Therapies

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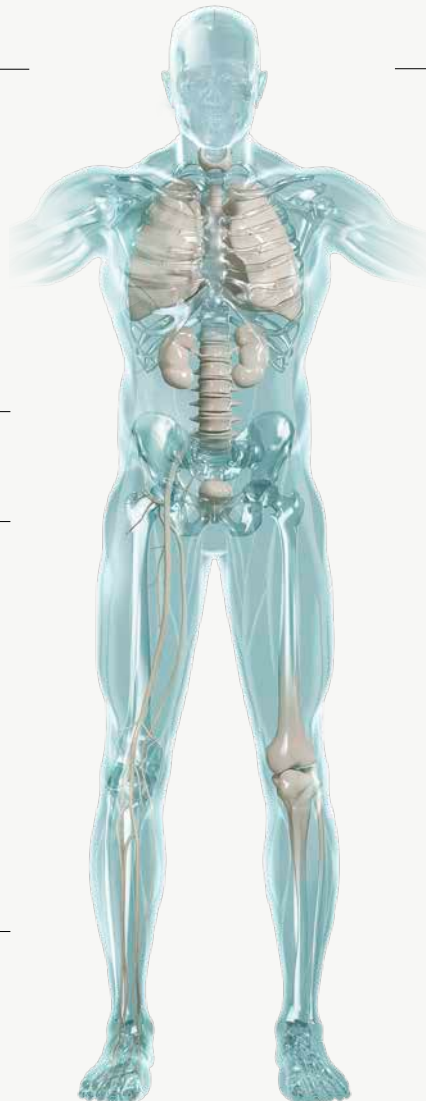
Thoracic Surgery

Aesthetics

Urology

Proctology

Phlebology



Aesthetics

Thyroid Treatment

Orthopaedics & Pain Management

Gynaecology

Orthopaedics & Pain Management



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partner

