

NEW THULIUM

Maximum power of 1.2 kW

- ▶ **Up to 200W output power**
- ▶ **Wavelength 1960nm**
- ▶ **Laser energy 0.025 J - 8 J**
- ▶ **Laser frequency 1Hz - 2500 Hz**
- ▶ **Average power 2W -200W adjustable**
- ▶ **Pulse duration 200µs - 50ms**

3X More powerful
With thulium 60w

5X More powerful
With holmium 150w

Main fields of application

- **Urology**
 - | Prostate enucleation with ThuLEP procedure
 - | urethrotomy
 - | Excision of tumors of the urethra, bladder and ureter
 - | Partial nephrectomy
 - | Lithotripsy
- **General surgeries**
 - | Open
 - | Laparoscopy and endoscopic surgery, including incision, excision, resection, ablation, vaporization, coagulation and hemostasis.



Advantages of lithotripsy

-  **4x faster to remove dust**
Easier removal with fiber particles than the leading Holmium YAG laser.
-  **No retropulsion**
RG Medical's stone stabilizing effect means dramatically reduced retropulsion and more control during lithotripsy
-  **4x greater absorption**
With the optimal laser wavelength, more energy is transferred to the stone directly than any Holmium YAG system

Advantages of BPH and soft tissues

-  **Very versatile**
The best solution for use by surgeons with different urological applications and for clinics looking for an all-in-one and cost-effective platform for multiple specialties such as ENT microsurgery.
-  **Safety and effectiveness for BPH**
Advanced enucleation, with impressive homeostasis
-  **Reduced thermal effects**
Reduce soft tissue damage and irritating symptoms with lower power and thermal energy