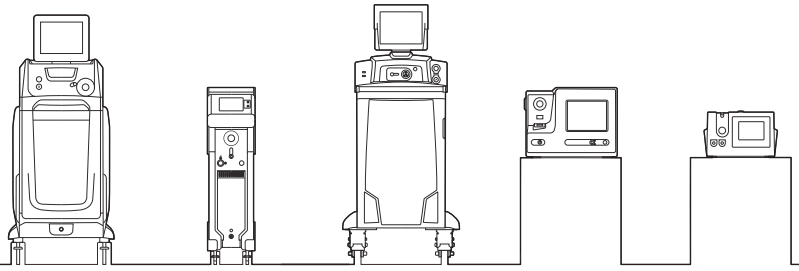


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Benign Prostatic Hyperplasia (BPH)

DEVICE: CYBER TM, CYBER HO

Many publications provide evidences of Thulium (Tm:YAG) laser as an ideal solution for the treatment of BPH. Thulium can be used to carry out different techniques (enucleation, vaporization and resection), showing significant flexibility in use, safety and reliability. Quanta System Cyber TM device is commonly and effectively used worldwide to treat patients diagnosed with BPH. The following publications deal with the use of Cyber TM laser:

Saredi G, Pirola GM, Ambrosini F, Barbieri S, Berti L, Pacchetti A, Iovino D, Ietto G, Libassi L, Carcano G; Feasibility of En Bloc Thulium Laser Enucleation of the Prostate in a Large Case Series. Are Results Enhanced by Experience? *PLI: S2214-3882(19)30006-2*

Chang CH, Lin TP, Huang JY; Safety and effectiveness of high-power thulium laser enucleation of the prostate in patients with glands larger than 80 mL. *BMC Urol. 2019 Jan 21;19(1):8.*

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Castellani D, Saredi G, Pirola GM, Gasparri L, Pavia MP, Ambrosini F, Berti L, Sembenini F, Dellabella M; Comparison between two different en bloc Thulium laser enucleation of the prostate: does technique influence complications and outcomes? *Urology. 2018 Jun 10. pii: S0090-4295(18)30544-2*

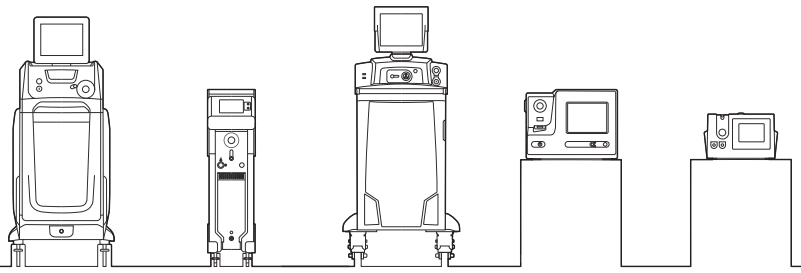
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Carmignani L, Motta G, Signorini C, Vizziello D, Ratti D, Picozzi S, Marengi C, Clementi MC, Nazzani S, Stubinski R; Can thulium vaporization of the prostate be considered as safe and effective as thulium vapoenucleation also for prostates larger than 80 ml? Preliminary results from a single institution. *WCE 2017 abstract, Vancouver 12-16 Sept.; MP30-10*

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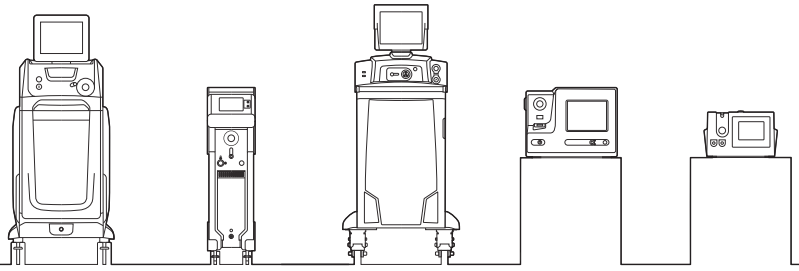
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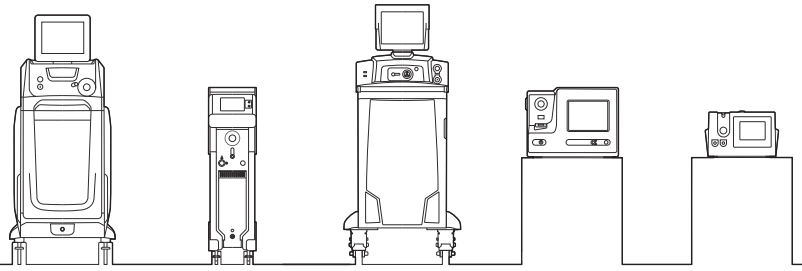
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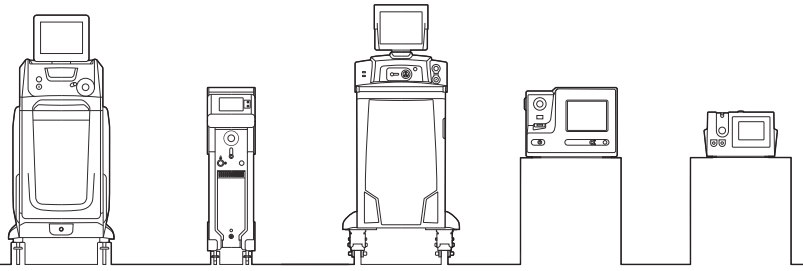
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Urologic Oncology

DEVICE: CYBER TM, CYBER HO, LITHO

Many publications report the use of lasers, including Thulium (Tm:YAG) and Holmium (Ho:YAG), in the treatment of urinary tumor (including bladder and UUT carcinoma), as alternative to the standard techniques. The use of Quanta System Cyber TM and Litho devices is reported and described in the following works:

Bozzini G, Maruccia S, Pastore A, Buffi N, Guazzoni G, Parma P, Saredi G, Casellato S, Montanari E; Thulium laser en-bloc resection of bladder tumor (THUEB-BT): TIGER (Thulium Italian Group Established on Research) study to compare laser and electrical en-bloc transurethral resection of bladder tumor. *Eur Urol Suppl* 2018; 17(2);e1611

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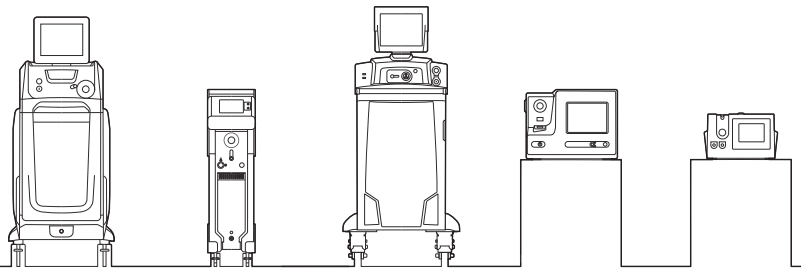
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Mattioli S. Clinica Columbus, Milan, Italy; Versatile applications of Holmium:Yag 30W laser in endourology. (white paper available at <<http://www.radistribution.com/index.php/litho-publications>>).

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Thoracic Surgery

DEVICE: CYBER TM, OPERA EVO

Many publications report the use of lasers in thoracic surgery, including Thulium laser. The use of Quanta System Cyber TM device is reported and described in the following publications:

Zhang Y, Wang R, Qian K, Su L, Liu L, Hu M, Li Y, Zhao X, Hua L, Zhi X; Clinical applications of Thulium laser in thoracoscopic resection of pulmonary nodules. *Chin J Thorac Cardiovasc Surg*, June 2017, Vol.33, No.06

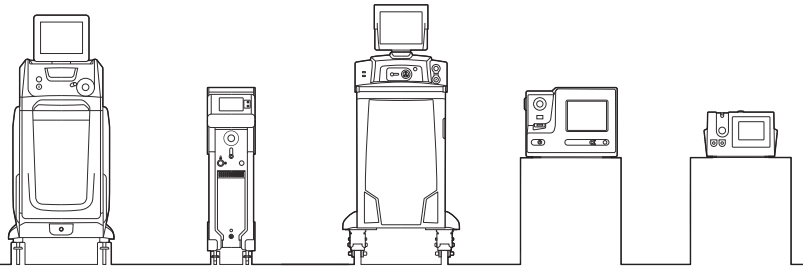
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Gastroenterology

DEVICE: OPERA EVO, CYBER TM, LITHO

The use of laser in the GI field has been recently explored, showing interesting features with respect to alternative and more established methods.

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Siboni S, Aiolfi A, Ceriani C, Tontini GE, Bonavina L; Cricopharyngeal myotomy with thulium laser through flexible endoscopy: proof-of-concept study. *Endoscopy International Open* 2018; 06: E470–E473.

Mittal C, Shah RJ; Pancreatotomy-guided laser dissection and ablation for treatment of benign and neoplastic pancreatic disorders: an initial report (with videos). *Gastrointest Endosc.* 2018 Aug 31. pii: S0016-5107(18)33003-7.

Tontini GE, Rimondi A, Neumann H, Annunziata ML, Cavallaro F, Lagoussis P, Spina L, Vavassori S, Pastorelli L, Vecchi M; Safety and Efficacy of the new Thulium/Erbium laser system in patients with gastrointestinal bleeding from vascular lesions. *UEG Week Wien Oct. 2018; P0558.*

Tontini GE, Neumann H, Rimondi A, Vavassori S, Bruni B, Cattignoli G, Zhou PH, Pastorelli L, Vecchi M; Ex vivo experimental study on the Thulium laser system: new horizons for interventional endoscopy (with videos). *Endosc Int Open.* 2017 Jun;5(6):E410-E415.

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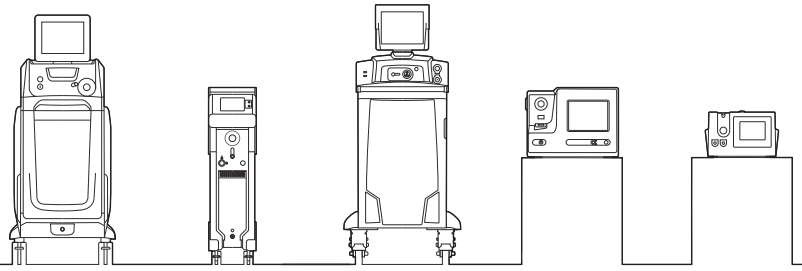
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Tontini GE, Soriani P, Neumann H, Spina L, Annunziata ML, Vavassori S, Fagnani F, Carmignani L, Pastorelli L, Vecchi M; First In Vivo Experience of Haemostatic Treatment With a New Therapeutic Laser System (With Video). *GIE Journal (May 2016); Volume 83, Issue 5, Supplement, Page AB638*

Tontini GE, Soriani P, Neumann H, Fagnani F, Zhou PH, Carmignani L, Pastorelli L, Vecchi M; Safety and efficacy of a new therapeutic laser system for endoscopic ablation of Esophageal lesions – first results in an established animal model. *UEG Week 2015; Topic 11.1, UEG15-LB-5732.*

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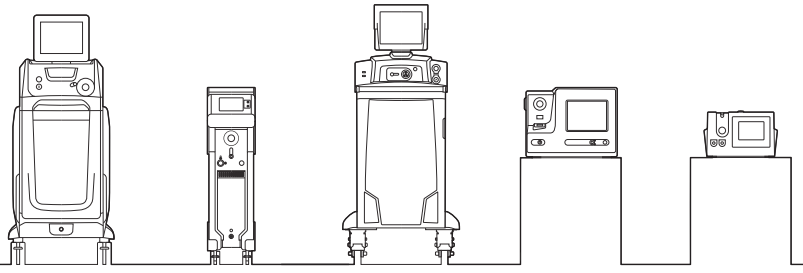
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Tontini GE, Neumann H, Carmignani L, Bruni B, Pastorelli L, Cavallaro F, Fagnani F, Clemente C, Bottani M, Vecchi M; **Safety and efficacy of a new therapeutic laser system for hemostatic treatments in luminal GI endoscopy – first results in an established animal model.** *UEG Week 2015; Topic 11.1, UEG15-ABS-2916*

Neumann H, Tontini GE, Carmignani L, Bruni B, Soriani P, Cavallaro F, Fagnani F, Clemente C, Bottani M, Vecchi M; **Evaluation of a new therapeutic laser system for endoscopic submucosal dissection in established animal model.** *UEG Week 2015; Topic 11.1, UEG15-ABS-3058*

Tontini GE, Neumann H, Carmignani L, Bruni B, Soriani P, Pastorelli L, Fagnani F, Clemente C, Bottani M, Vecchi M; **First study on a new therapeutic laser system for per-oral endoscopic myotomy in an ex vivo animal model.** *UEG Week 2015; Topic 11.1, UEG15-ABS-3323*

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Lithotripsy

DEVICE: LITHO, CYBER HO

The use of Holmium (Ho:YAG) laser in the treatment of stones is now widely accepted, with such technology representing a safe and reliable choice when used both percutaneously and endoscopically.

Quanta System Ho:YAG laser devices are commonly and effectively used worldwide to perform lithotripsy in patients. The following publications deal with the use of Litho, Litho DK30 and Cyber Ho laser devices:

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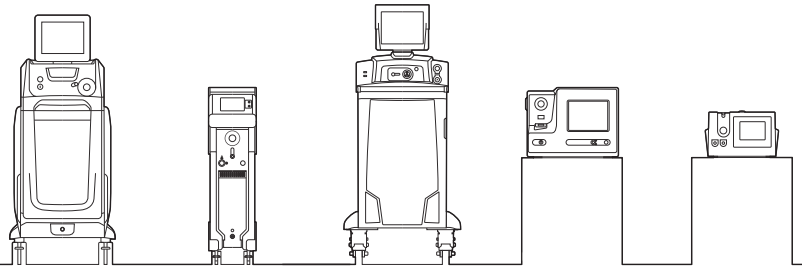
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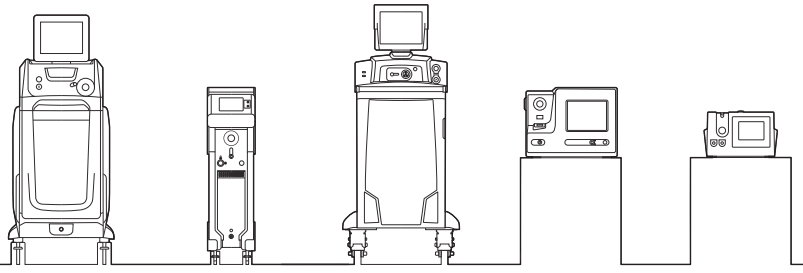
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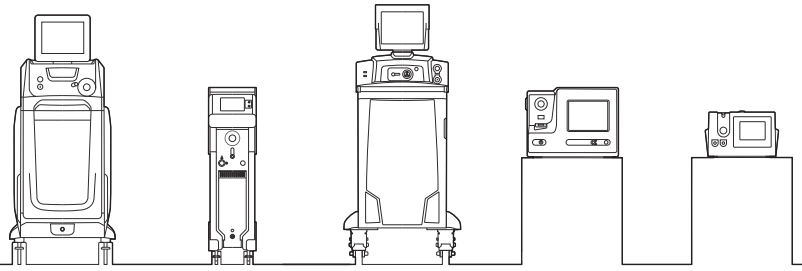
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