

Selecta® II

Q-Switched Frequency-Doubled 532 nm ND:Yag

Selecta II delivers effective treatment of Open Angle Glaucoma with fewer side-effects and greater cost savings.¹⁻¹²

Selecta II Advantages

Safe, Effective and Easy-to-Use

- Proven to reduce IOP without adverse systemic side effects.^{1,2}
- Effective as primary, adjunct or retreatment therapy.¹⁻⁵
- No damage to the trabecular meshwork.^{4,6-8}
- Physician controlled treatment delivers better adherence than patient controlled daily medication.⁹
- Proven long-term efficacy.²
- A lightweight, portable Q-Switched frequency-doubled solid-state 532 nm laser with 3 nanosecond pulse duration confines thermal damage to selectively targeted pigmented cells, without creating collateral damage to surrounding tissue.^{4,6-8}
- Selecta II - LaserLink™ adapts to a Haag-Streit BM equivalent slit lamp with tonometer post.

A Better Financial Solution

- Medicare reimbursed.¹⁰
- Offers a single treatment alternative to medications that are costly to the patient and required daily.^{9,11,12}
- Plugs into standard 110 V or 220 V electrical outlets.

Key Indication

- Open Angle Glaucoma



Commitment to Vision

For additional clinical efficacy and safety information, please see a Lumenis representative.

Selecta® II Specifications

Laser System	Q-switched, frequency-doubled, Nd:YAG
Wavelength	532 nm
Pulse Duration	3 nanoseconds
Repetition Rate	3 Hz
Energy Settings	0.30 to 2.0 mJ
Pulse Setting	Single pulse-on-demand
Spot Size	400 micron
Aiming Beam	Diode laser; coaxial, 635 nm Wavelength, variable intensity
Laser Delivery	Compatible with most slit lamps
Cooling System	Air convection
Power Requirements	120 – 230 VAC, 50/60 Hz, switchable input
Dimensions	Laser Head: 3.7 cm x 17.8 cm x 29 cm; 5.4 in x 7 in x 11.4 in (HxWxD) Power Supply: 43.2 cm x 30.5 cm x 21.6 cm; 17 in x 12 in x 8.5 in (HxWxD)
Weight	11.34 kg or 25 lbs (system weight excluding power supply, slit lamp and table)
Accessories	Latina SLT Gonio Lens Lumenis Slit Lamp (Biomicroscope)

References: 1. McClraith I, Strasfeld M, Colev G, Hutnik CML. Selective laser trabeculoplasty as initial and adjunctive treatment for open-angle glaucoma. J Glaucoma. 2006;15:124-130. 2. Melamed S, Ben Simon GJ, Levkovitch-Verbin H. Selective laser trabeculoplasty as primary treatment for open-angle glaucoma. Arch Ophthalmol. 2003;121:957-960. 3. Lee AC, Mosaed S, Weinreb RN, Kripke DF, Liu JGK. Effect of laser trabeculoplasty on nocturnal intraocular pressure in medically treated glaucoma patients. Ophthalmology. 2007;114:666-670. 4. Latina MA, Sibayan SA, Shin DH, Noecker FJ, Marcellino G. Q-switched 532-nm Nd:YAG laser trabeculoplasty (selective laser trabeculoplasty): a multicenter, pilot, clinical study. Ophthalmology. 1998;105:2082-2090. 5. Juzych MS, Chopra V, Banitt MR, et al. Comparison of long-term outcomes of selective laser trabeculoplasty versus argon laser trabeculoplasty in open-angle glaucoma. Ophthalmology. 2004;111:1853-1859. 6. Latina MA, Park C. Selective targeting of trabecular meshwork cells: in vitro studies of pulsed and cw laser interactions. Exp Eye Res. 1995;60:359-372. 7. Damji KF, Bovell AM, Hodge WG. Selective laser trabeculoplasty: a review and comparison to argon laser trabeculoplasty. Ophthalmic Pract. 2003;21:54-58. 8. Kramer TR, Noecker RJ. Comparison of the morphologic changes after selective laser trabeculoplasty and argon laser trabeculoplasty in human eye bank eyes. Ophthalmology. 2001;108:773-779. 9. Nordstrom BL, Friedman DS, Mozaffari E, Quigley HA, Walker AM. Persistence and adherence with topical glaucoma therapy. Am J Ophthalmol. 2005;140:598-606. 10. Centers for Medicare and Medicaid Services. 11. Francis BA, Ianchulev T, Schofield JK, Minckler DS. Selective laser trabeculoplasty as a replacement for medical therapy in open-angle glaucoma. Am J Ophthalmol. 2005;140:524-525. 12. Lee PP, Walt JG, Doyle JJ, et al. A multicenter, retrospective pilot study of resource use and costs associated with severity of disease in glaucoma. Arch Ophthalmol. 2006;124:12-19.



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 Certified Engineers • Parts • Reliable Performance • Superior Value • Satisfied Customers

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