

Laser Settings Table Page 1



YAG Capsulotomy		Pre-Op Meds	Cruciate Pattern; normal 40 shots or less caution with more - watch total energy
Laser: ND:YAG (1064nm)		Alphagan, Dilate	
Tissue Reaction: Photodisruption Pigment Independent			
Initial Energy/ Power: 1.3 - 1.8 mJ		Post-Op Meds	
Spot Size: Fixed		Alphagan in office, Steroid gtts QID x 1 wk	
Duration: Fixed			
Follow-up: 1hr, 1wk			
YAG Iridiotomy (PI)		Pre-Op Meds	Aim for crypt at 11 or 1 o'clock 2/3 or more from limbus, allow time between shots, watch for plume, 0.5 - 1mm minimum opening
Laser: ND:YAG (1064nm)		Alphagan, 1% pilocarpine	
Tissue Reaction: Photodisruption Pigment Independent			
Initial Energy/ Power: 3.0 - 6.0 mJ single or double shot		Post-Op Meds	
Spot Size: Fixed		Alphagan in office, Steroid gtts QID x 1 wk	
Duration: Fixed			
Follow-up: 1hr, 1wk			
Argon Iridiotomy (PI)		Pre-Op Meds	Same as YAG PI. Can pretreat with Argon then finish with YAG. Argon more inflammation harder to penetrate, less bleeding
Laser: Argon or FD YAG (532 nm)		Alphagan, 1% pilocarpine	
Tissue Reaction: Photocoagulation Pigment Dependent			
Initial Energy/ Power: 600 - 1200 mW		Post-Op Meds	
Spot Size: 50 micron		Alphagan in office, Steroid gtts QID x 1 wk	
Duration: 0.1 - 0.2 sec			
Follow-up: 1hr, 1wk			
ALT		Pre-Op Meds	↑Pigment then ↓Power, 50 - 55 burns per 180°, 1 - 2 spot sizes between burns, Aim for junction of Pigmented/Non-Pigmented TM, patient to stay on all glaucoma meds
Laser: Argon or FD YAG (532 nm)		Alphagan, 1% pilocarpine if needed to view angle	
Tissue Reaction: Photocoagulation Pigment Dependent			
Initial Energy/ Power: 600 mW		Post-Op Meds	
Spot Size: 50 micron		Alphagan in office, Steroid gtts QID x 1 wk	
Duration: 0.1 sec			
Follow-up: 1hr, 1wk, 6wk			
SLT		Pre-Op Meds	↑Pigment then ↓Power, 50 - 60 burns per 180°, burns right next to each other - treat entire TM, patient to stay on all glaucoma meds
Laser: FD YAG with 3 nsec burn (532 nm)		Alphagan, 1% pilocarpine if needed to view angle	
Tissue Reaction: Photocoagulation/Sublethal Photostimulation Pigment Dependent			
Initial Energy/ Power: 0.8 - 1.0 mJ		Post-Op Meds	
Spot Size: 400 micron		Alphagan in office, topical NSAID PRN X 2 days	
Duration: 3 nsec			
Follow-up: 1hr, 1wk, 6wk			