

## **Laser Peripheral Iridotomy (LPI)**

LPI is a laser procedure to put a small hole through the iris. This hole allows the iris to fall away from the drainage system of the eye thereby opening the access to the drain. Before your laser a number of diagnostic tests are completed to determine the degree of angle opening.

Procedure:

- We strongly recommend that patients take Tylenol or Advil one hour prior to their appointment.
- On your laser day, drops are administered to constrict the pupil. These drops usually cause a brow ache.
- After 20-30 minutes you are ready for the laser.
- The laser takes between 3-5 minutes.
- 30-40 minutes after the laser we will check your eye pressure and send you home with a prescription for anti-inflammatory eye drops to take for one week.
- A follow up is booked 4-8 weeks post laser, to re-evaluate the drainage system. This will include repeating the Visante (\$125 fee) and UBM testing.

## **Argon Laser Iridoplasty**

At your follow up appointment, following an LPI, the Doctor will note whether the LPI was able to open the narrow angle (open the access to the drains). If it does not, a procedure using the Argon laser is used to further open the angle and increase access to the drain.

Procedure:

- We strongly recommend that you take Tylenol or Advil one hour prior to your laser appointment.
- On your laser day, drops are administered to constrict the pupil. These drops usually cause a brow ache.
- After your eye pressure is measured, drops are administered to the eye having the laser. If both eyes require this laser, only one is booked at a time, the following laser for second eye is booked a minimum of three weeks from first laser.
- The laser takes 3-5 minutes to complete.
- 30-40 minutes after laser we will check your eye pressure and send you home with a prescription for anti-inflammatory eye drops to take for two weeks.
- A follow up is booked 4-8 weeks post laser, to re-evaluate the drainage system.

### **YAG Capsulotomy**

This laser eliminates a thickened membrane which has developed on the back surface of your lens implant following a cataract surgery.

Procedure:

- The laser procedure is painless.
- After the pupils are dilated, laser takes 2-3 minutes to open the membrane.
- After the procedure, you will be free to return home, with no limitations.
- A follow-up visit with your optometrist may be scheduled to reassess your vision.

### **Selective Laser Trabeculoplasty (SLT)**

This laser treatment for Glaucoma uses short pulses of low-energy to improve drainage and lower eye pressure. This laser requires two visits to complete (usually one week apart).

Procedure:

- Prior to your laser treatment, drops are administered and your eye pressure is measured.
- The laser takes 3-5 minutes to complete.
- 30-40 minutes after the laser we will check your eye pressure and send you home with a prescription for anti-inflammatory eye drops to take for four days.
- A follow up is booked 4-8 weeks post laser to re-evaluate your eye pressure.