

Diode Laser Transscleral Cyclophotocoagulation



- A glaucoma laser procedure done for end-stage glaucomatous eyes to lower the pressure or reduce pain
- This is a different procedure from endoscopic cyclophotocoagulation (ECP)
- Can be done in the office with local anesthesia (lidocaine injection under the eye) or in the operating room with sedation
- Takes 10 minutes
- Done when a surgical procedure is considered too much for the eye
- The laser light is delivered to the eye with a handpiece called a G-probe with is connected to the laser
- The laser reduces fluid production by the eye
- This is only rarely done on eyes with good vision
- Vision does not improve after this procedure, and could get worse, which is why the use is limited to end-stage eyes
- The patient will be on anti-inflammatory eye drops for a few weeks to a month after the procedure
- No restrictions other than no eye rubbing after the procedure
- The patient may wear a patch for one day after the laser
- If the eye is not painful before the procedure, discomfort after the procedure is usually minimal
- If the eye was painful before the procedure, the eye is likely to have pain after the anesthetic wears off following the procedure and may require pain medication during the first week