

# Eye Diode Laser

Effective laser treatment of the ciliary processes and ciliary body reduces the inflow of aqueous humor and, thus, decreases IOP--similar to the effect of several types of glaucoma medications.

The ECP laser unit (Endo Optiks, Little Silver, NJ) has 4 different components: the diode laser (pulsed continuous-wave energy at 810 nm), a xenon light source, a helium-neon laser aiming beam, and ...

In this surgery, an 810-nm (nanometer) diode laser probe is placed on the surface of the eye on the sclera, and "spots" of laser treatment are applied. There are no incisions made into the ...

Cyclophotocoagulation (CPC) is a procedure in which a laser is used to alter part of the ciliary body, which lies behind part of the iris (the colored part of the eye).

Diode Cyclophotocoagulation (CPC) is recommended for patients with refractory glaucoma to reduce aqueous humor secretion and lower IOP by lasering the secretory epithelium of the ciliary body.

Diode Cyclophotocoagulation is a noninvasive laser procedure used to treat glaucoma. It is usually performed after other glaucoma procedures have failed, especially when the eye has poor visual ...

Cyclodiode laser has traditionally been used to treat high intraocular pressures and refractory cases of glaucoma not amenable to medical or other surgical options. The cyclodiode laser ablates the ciliary ...

In this procedure, the ciliary body of the eye, which creates fluid, is treated with a laser. This reduces fluid production that in turn, reduces intra-ocular pressure. The ciliary body is a small gland running ...

A tool called a continuous-wave TCP diode laser, which emits laser light with a specific wavelength, is used to reduce the size of the ciliary processes. When aimed at these, the laser lowers their size and ...

A semiconductor diode laser probe is placed 1 to 2 mm posterior to the limbus over the location of the ciliary body; the cotton-tipped applicator is used to help position the globe.



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