



## HYPER DIODE 900

### The Latest in DacryoCystoRhinostomy



#### FOR PATIENTS

- Atraumatic procedure
- Limited complications and side effects
- Local anesthesia
- No post-operative bleeding or oedema
- No infections
- No scars
- No hospitalization, it is an outpatient surgery center procedure
- Enables a return to usual activities the following day

#### FOR DOCTORS

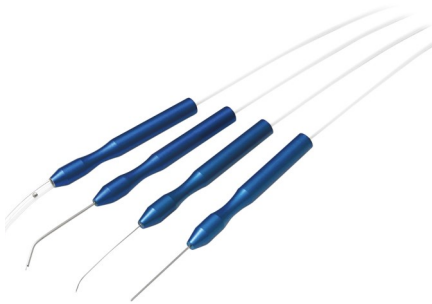
- Minimally invasive procedure
- Time savings
- Very short learning curve

**The unique clinical and technical solution for patients and doctors. Internal Ethernet connection for remote diagnostic and clinical data sharing**



### Specifications

<b>Model</b>	<b>Hyper Diode 980</b>
<b>Wavelength</b>	980nm
<b>Max Power</b>	30W
<b>Mode</b>	Cw, single pulse, pulsed
<b>Repetition rate</b>	From 0.2 to 4000 Hz
<b>Pulse duration</b>	From 125 µs to 99 s
<b>Beam delivery</b>	Optical fiber
<b>Bare optical fibers</b>	200, 400, 600 µm core single use and reusable optical fiber
<b>Spot sizes</b>	Ophthalmic handpiece
<b>Aiming beam</b>	Red adjustable <4mW @ 635nm (class 3R)
<b>Mains</b>	115-230Vac, 50-60 Hz, 2.6-1.2A
<b>Size</b>	360 mm (W) x 330 mm (D) x 185 mm (H)
<b>Weight</b>	13 Kg



**DCR is a surgery performed to create a new tear drain between the eye and nose when the current tear drain becomes blocked or obstructed.**

**The nasolacrimal duct obstruction is suffered by 2-4% of population over 40 years old and 30-40% of individuals over 90 years old. The traditional**

**treatment method is to surgically reopen the lacrimal duct externally. However, this is a lengthy, difficult procedure associated with a high potential for side effects such as strong, post-operative bleeding and scar formation.**

**Hyper Photonics can supply a procedure kit for DCR that makes the reopening of the lacrimal duct a safer, minimally invasive procedure.**

**The cannula is introduced once in order to perform the treatment pain-free and bloodlessly. Then, the required drainage is set in place**

**using the same cannula.**

**The procedure can be done under local anesthesia and leaves no scars.**



Hyper Photonics products are manufactured according to the International Standards and have been cleared by the most important International notified bodies. The company is EN ISO 9001-2015 and EN ISO 13485-2016 certified. It is specialized in manufacturing of lasers and opto-electronics devices.



### ACCESSORIES

**Ophthalmic handpiece with 22 G cannulas**

**200, 365, 550 µm core optical fibers**

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