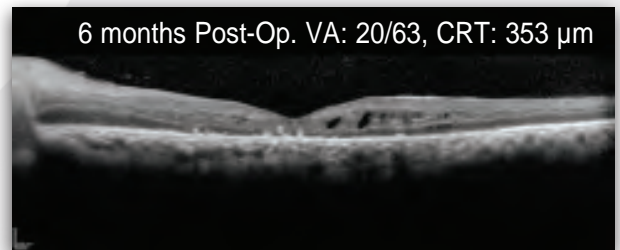
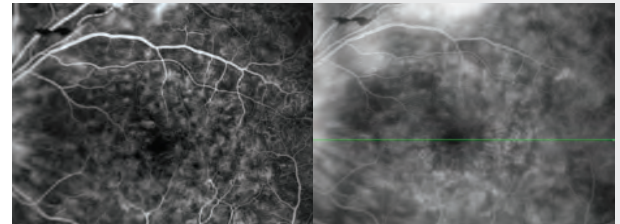
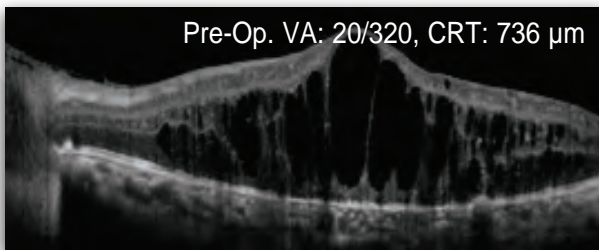
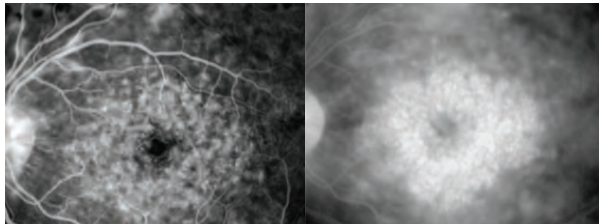




# MicroPulse™ Case Report

First, do no harm

## DME Refractive to 7 Injections of Bevacizumab | IQ 577™



**Physician:** José A. Cardillo, MD | São Paulo, Brazil

**Patient:** Female patient with difficult case of diffuse DME who received 7 monthly injections of bevacizumab with no results.

### Sandwich Technique Treatment Parameters

**Laser | Wavelength:** IQ 577 | 577 nm

#### Step 1: Barely Visible Low Energy/Short Pulse Duration

**Mode:** Continuous-wave

**Spot Size on SLA:** 100  $\mu$ m

**Contact Lens:** Area Centralis

**Power:** Adjusted to show a barely visible lesion

**Duration:** 10 ms

**Duty Cycle:** 100%

**Evidence of Laser Treatment on FA:** Yes

**Technique:** Deliver barely visible lesions 1 burn apart in a grid pattern 360° around the fovea, up to 500  $\mu$ m from the center of the FAZ

#### Step 2: Subvisible MicroPulse Laser Therapy (MPLT)

**Mode:** MicroPulse

**Spot Size on SLA:** 100  $\mu$ m

**Contact Lens:** Area Centralis

**Power:** 20% increase from power used in CW mode (Step 1)

**Duration:** 200 ms

**Duty Cycle:** 10% or less

**Evidence of Laser Treatment on FA:** No

**Technique:** Paint contiguously all areas of leakage within 500  $\mu$ m from the FAZ's center.

Treatment techniques and opinions presented in this case report are those of the author. IRIDEX assumes no responsibility for patient treatment or outcome.



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