DME Refractive to 6 Injections of Bevacizumab | IQ 577™

**Physician:** José A. Cardillo, MD | São Paulo, Brazil  
**Patient:** Difficult case of diffuse diabetic macular edema who received 6 monthly injections of bevacizumab with no results.

### Sandwich Technique Treatment Parameters

<table>
<thead>
<tr>
<th>Laser</th>
<th>Wavelength: IQ 577</th>
<th>577 nm</th>
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#### Step 1: Barely Visible Low Energy/Short Pulse Duration

- **Mode:** Continuous-wave
- **Spot Size on SLA:** 100 µm
- **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 µm from the center of the FAZ

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

- **Mode:** MicroPulse
- **Spot Size on SLA:** 100 µm
- **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 µm from the FAZ’s center.

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