

## **OCT in active choroidal neovascularization secondary to pathologic myopia**

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### **Purpose:**

To evaluate the early optical coherence tomography (OCT) changes after photodynamic therapy (PDT) in patients with subfoveal choroidal neovascularization (CNV) secondary to pathologic myopia.

### **Methods:**

PDT was performed on 10 eyes of 10 patients who presented with subfoveal CNV due to pathologic myopia and serial evaluation with optical coherence was performed at 2, 12 and 24 hours after therapy and on the 3rd and 7th days.

### **Results:**

In the first 24 hours OCT showed an increase in the subretinal fluid in 5 eyes, and increase in intraretinal fluid in 2 eyes. At the 7th days after therapy reduction of subretinal and intraretinal fluid was observed in all eyes.

### **Conclusion:**

Serial OCT evaluation of patients with subfoveal CNV due to pathologic myopia suggest that increase in the subretinal and intraretinal fluid after PDT was not observed in all patients.

### **Take-home message:**

OCT findings of myopic CNV are different than CNV related to AMD.