

## **A FA/ICG Analysis of the Retinal/Choroidal Vasculature and Choroidal Neovascular Membrane Complex Six Months Following Intravitreal Avastin Injections**

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### **PURPOSE**

There are concerns that pan VEGF suppression may negatively effect the retinal and choroidal vasculature. The purpose of this paper is to describe what effect pulsed pan-VEGF inhibition using intravitreal Avastin has upon the retinal and choroidal vasculature and the six month response of the sub foveal choroidal neovascular membrane to intravitreal Avastin injections?

### **METHODS**

Thirty consecutive eyes with subfoveal CNVMs secondary to ARMD were evaluated with FA and OCT and then initially treated with three monthly intravitreal Avastin injections. The patients were then followed monthly and were given additional intravitreal Avastin injections if there was OCT evidence of subretinal or intraretinal fluid. At the six month visit (following the initiation of treatment) the eyes were evaluated with FA/ICG and OCT.

### **RESULTS**

The six month FA/ICG/OCT findings were compared with the FA/ICG/OCT findings at baseline. The effect of three or more intravitreal Avastin injections on the retinal and choroidal vessels will be discussed as well as the response of the subfoveal CNVM.

### **CONCLUSION**

The paper will conclude how pulsed pan VEGF inhibition treatment using three or more intravitreal Avastin injections affects the retinal/choroidal vasculature and subfoveal CNVM six months following the initiation of treatment.

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