

## **Avastin in complicated diabetic retinal detachments**

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### **Advantages:**

Preoperative Avastin reduces intraoperative complications and surgical time in complex diabetic retinal detachments.

### **Methods:**

In this prospective study, 48 eyes undergoing pars plana vitrectomy for tractional (Group 1) and combined tractional and rhegmatogenous (Group 2) retinal detachment secondary to diabetic retinopathy were pretreated with 1.25mg of intravitreal Bevacizumab. Postoperative procedures were performed as needed. Results were evaluated for complications, reoperations, and anatomic and functional outcomes. Minimal follow-up was 6 months.

### **Effectiveness / Safety:**

Preoperative bevacizumab appears effective in reducing complications in this group of patients.

### **Take home message:**

Preoperative Bevacizumab appears to decrease postoperative complications and procedures, and improve visual acuity outcomes in complex diabetic retinal detachments.