

## **Microsurgical Scleral Buckling with OFFISS**

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### **Advantages:**

OFFISS was developed to improve quality of vitrectomy by bimanual vitrectomy without endoillumination. Since the system is combination of indirect ophthalmoscopy and microscope it was used for microsurgical scleral buckling. It does not require to change the surgical concept and gives the opportunity to work in real image.

### **Methods:**

Consecutive group of patients had scleral buckling performed in microsurgical method with the use of OFFISS. Surgical rules and indications were identical as in usual scleral buckling.

### **Effectiveness / Safety:**

OFFISS used as indirect ophthalmoscope allowed observing the fundus during scleral buckling. Due to presence of stereo inverter real (not inverted) fundus picture was possible. All surgical steps were possible in a microsurgical way.