

## **Viewing and illumination of the vitreous base**

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### **Problem:**

Complete vitrectomy at the vitreous base is a precondition for successful vitreoretinal surgery. Controlled and save shaving of the vitreous base requires sufficient illumination and indentation for viewing. Using conventional illumination indentation has to be performed by an assistant.

### **Approach:**

There are different approaches to achieve the visualisation of the vitreous base. The use of 23G chandelier light via additional ports or one of the three sclerotomies or illuminated instruments realised for laser probes allow the indentation by the surgeon. The second possibility is the indentation by the light probe thus resulting in an indirect illumination. The third approach is the endoscopic view without indentation of the sclera.

### **Advantage:**

The use of the different approaches allows an optimal visualisation of the vitreous base and thus a controlled and save shaving of the outermost parts of the retina.