

Endoscopy in vitreoretinal surgery: the “first step”

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Advantages:

Presenting the use of endoscopy, as alternative and complementary way of view, in vitreoretinal surgery. This tool can be used for some simple procedures even in mono-manual way.

Methods:

The 20 gauge endoscopy probe is inserted via pars plana. The “first step” is to use it for diagnosis into the vitreous chamber when the anterior structures are not clear (complex trauma, PVR, endophthalmitis) and for few simple surgical procedures like photo-cyclo-ablation in refractory glaucoma.

Effectiveness / Safety:

The procedure is easy, quick and safe, even if it needs a short learning curve. Advantages and limits of this technique will be analyzed.