

PRACTICE PEARL

The Iatrogenic Price of Some Tips and Tricks

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SYNOPSIS

In recent years several maneuvers and tools have been introduced in the vitreoretinal routine to facilitate, make safer or simply speed up our surgery. Among these, the staining with colorants of the surfaces to be peeled or the use of self-sealing transconjunctival small incisions are the more popular. Nevertheless in some cases these maneuvers can produce damages, as 'pinches' of the retina created in attempting a peeling of the ILM or migration of colorants under the retina, that overcome the benefits expected from their use. The goal of this presentation is to try to define the limits in using these tools by the analysis of the functional defects arising from some accidents occurred in the clinical practice. Functional investigations were conducted with the use of standard Humphrey Perimetry and MP1- Nidek Microperimetry matched with the visual acuity measured on the Snellen chart and converted to LogMar units. FA and OCT Stratus 3 analysis were integrated when needed.