

A New Step in Sutureless Vitrectomy

Jean-Pierre Hubschman, (Saint Jean De Luz, France)

PURPOSE

The latest sutureless vitrectomy 23 and 25 Gauge techniques help decrease the surgical traumatism and improve the post op comfort. Unfortunately, both transconjunctival systems do not have only positive aspects. A new sutureless vitrectomy technique has been developed combining the main advantages of both 23 and 25G techniques.

METHODS

This technique uses a new pack including 23 and 25 G instruments. The 25 G technique is perfectly suited and highly recommended for infusion and light probe, whereas a 23 G guide is used for the main way (vitrectome and various instruments) because of its best suited rigidity and aspiration flux. A new technique and instrumentation has been developed to improve the implementation of the 23 G guide-canula : it makes it possible to perform a selfsealed tunnel transcleral incision in one easier and faster move.

RESULTS

The new sutureless transconjunctival technique combines efficiency and time saving of both previous techniques. This new approach help us reduce operating time and offers us a wider field of application in vitreoretinal surgery.

CONCLUSION

The new sutureless transconjunctival technique combines efficiency and time saving of both previous techniques. This new approach helps us reduce operating time and offers us a wider field of application in vitreoretinal surgery.