

## **Macular Hole: An Easier, Faster and More Efficient Gas Injection Technique**

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### **Advantages:**

A 40-seconds technique allowing injection of 3 to 3.2cc of 50% SF6 avoiding strict prone positioning of the patients head.

### **Methods:**

The minimum bubble volume necessary to occlude a macular hole when the patient is looking in front of him is estimated to be around 2.6cc. After closing the sclerotomies, 3 to 3.2cc of 50% SF6 is injected in the vitreous cavity while the BSS is removed with a 25-G (16 mm long) needle. The injection is stopped when the gas starts to escape from a 25-G needle. One cc BSS is therefore still present in the eye allowing the 1.5 to 1.6cc SF6 to expand. The bubble volume is therefore big enough to occlude the hole during 3 and a half days (twice as much as with a complete gas exchange technique).

### **Effectiveness / Safety:**

Study results will be presented.