

## Tips for Ring Surgery

### 1) Tips for preparation of the eye before surgery.

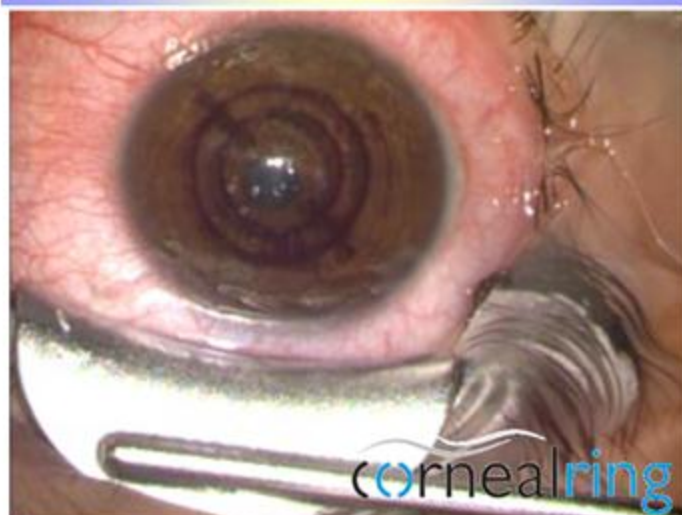
Dear user: now, the "Cornealring team" will describe a serie of tips for making the "Ring Surgery" safer and more accurate. In this newsletter, is discussed 3 tips on eye preparing before surgery.

**1st tip:** Use topical anesthetic and, after, **Brimonidine 0.1 or 0.2%**.

The Brimonidine has several functions:

- miosis - reducing photophobia during surgery.
- vasoconstriction:
  - reduces the risk for bleeding;
  - reduces the sensitivity of the conjunctiva - facilitating the use of fixation forceps, ou reducing the discomfort during a sub-conjunctival injection.
  - produces a very beautiful and white eye, which is interesting if you want to make a video to show in a congress or to give to the patient like a gift.

Without Brimonidine



With Brimonidine



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### 1) Tips for preparation of the eye before surgery.

**2nd tip:** Mark the vertical meridian before place the patient in supine position. This prevents errors in the segments position, which may occur if a patient has a high cycle-torsion (in some eyes, this cycle-torsion can reach up to 20 degrees). These marks can be made in the slit lamp or with the patient seated inside the surgery room.



**3rd tip:** Make a sub-conjunctival anesthesia to allow the use of forceps for eye fixation, without causing discomfort.  
(use Lidocaine 2%).

