

Ocular Rupture Associated With Lens Dislocation to the Subconjunctival Space

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We report the case of an 80-year-old female patient, without any notable pathological history, who presented to the emergency room following a severe trauma of the left eye by the horn of a cow 3 days before her hospitalization.

The ophthalmological examination showed a very poor visual acuity limited to light perception with a subconjunctival tumefaction (Figure 01).

The iris was stretched upwards with blood clot in the anterior chamber, major hypotonia at 6mmhg and aphakia. The patient was admitted urgently to the operating room for exploration under general anesthesia, which revealed a dislocation of the lens in the superior subconjunctival space with a herniation of the iris through the scleral rupture. (Figures 02 and 03)

In the emergency setting, we performed extraction of the dislocated lens, reintegration of the iris and suture of the scleral rupture (1st stage surgery).

The repair of the anterior segment with pupiloplasty and secondary implantation with scleral fixation was performed during a second operation.

Figures



Figure 01 : Slit lamp examination showing a subconjunctival swelling and a superior limbal hemorrhagic crescent.

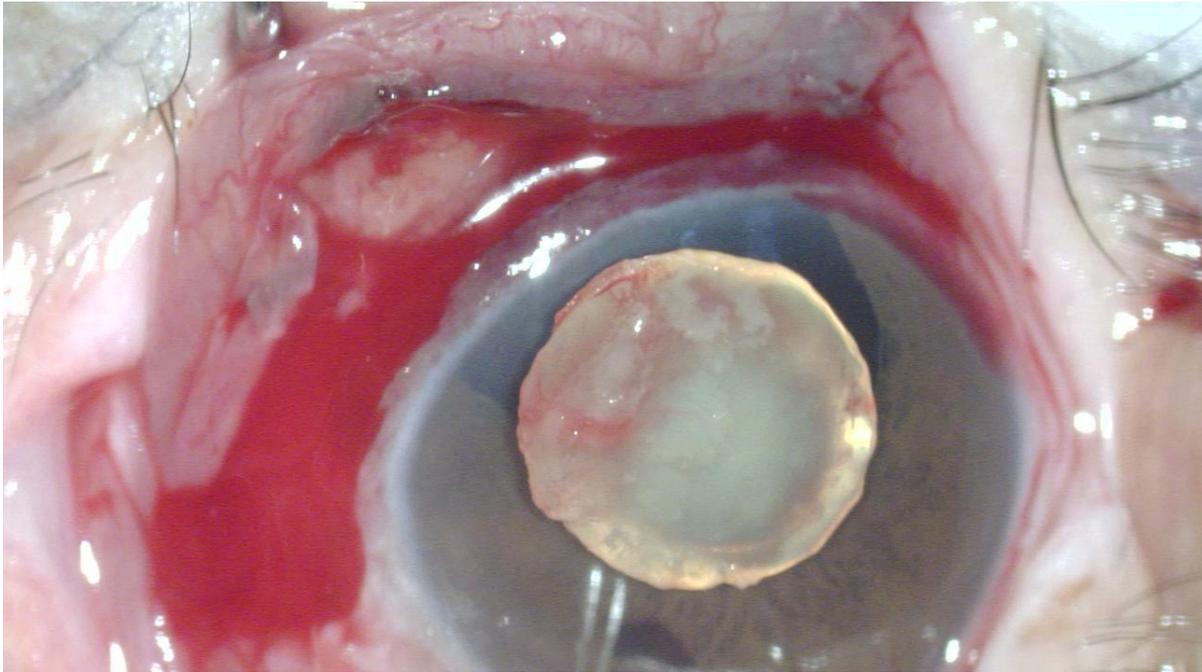


Figure 02 : Intraoperative picture of the dislocated lens after its extraction



Figure 03: Intraoperative photo showing a superior paralimbal scleral rupture with herniation of the iris.

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