

Transconjunctival suturing for hypotonia treatment after trabeculectomy

Suturas transconjuntivais para tratamento da hipotonia após trabeculectomia

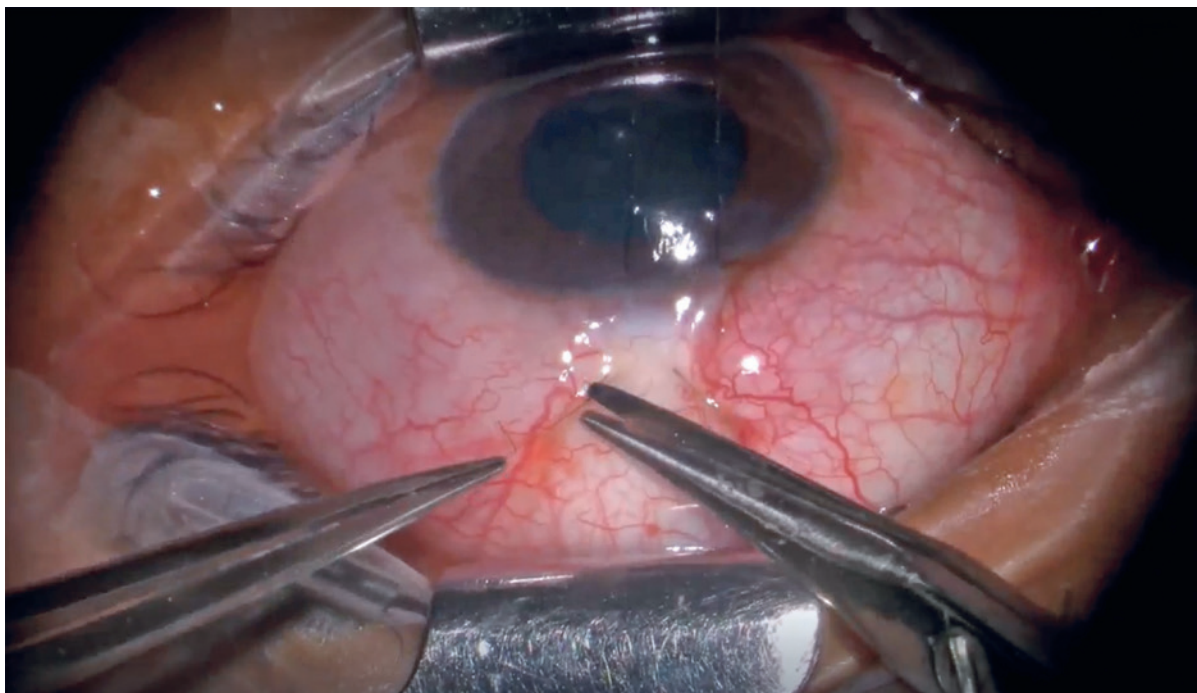
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Transconjunctival suturing technique is easy and fast¹ and can be used to treat hypotonia at any time in the postoperative period, both early and late². The only essential condition is that the con-

junctiva has good resistance. It is not advisable to use this technique when the conjunctiva is thin or ischemic, because it may cause an aqueous humor leakage at the sites where sutures pass. Trans-



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conjunctival suturing are very little traumatic for the conjunctiva and induce little inflammatory reaction, which helps preserve fistula function³. Additionally, they are easily removable, allowing to regulate intraocular pressure in the postoperative period⁴. The technique was started with some radial sutures followed by conjunctiva and sclera transfixion, passing through the posterior edge of the scleral flap. It is important to pass the needle deeply, to include the sclera plane. Next, X-sutures over the scleral flap were made, to compress the flap and restrict the flow. It is possible to make several sutures in X, but usually 1 or 2 sutures are enough, so that the surgery ends with the eye in good tension. Over time, long sutures tend to loosen⁵ and usually need to be removed after 1 or 2 years.

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