

Decision-making in Herpes Simplex viral keratitis grafts

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Abstract

Background: Keratoplasty after healed herpes simplex viral keratitis is a challenge due to problems arising preoperatively, intraoperatively, and postoperatively. **Purpose:** In this video, we describe the necessary challenges and the steps, which can be taken to prevent and manage those cases of healed herpes simplex virus (HSV) keratitis that would require a keratoplasty. **Synopsis:** The video talks about both the typical and atypical features of HSV keratitis, clinical examination, the scenarios which would require a keratoplasty, problems arising intraoperatively and how to manage them, and finally how to approach these high-risk grafts postoperatively. **Highlights:** Our video highlights the diagnosis of HSV keratitis, which cases are ready for surgery, and preoperative, intraoperative, and postoperative considerations before corneal transplantation in healed HSV keratitis. Decision-making before corneal transplant in HSV grafts can become more structured if these points are followed. **Video Link:** <https://youtu.be/xMT7Ki8vuc4>

Key words: HSV, keratitis, keratoplasty

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Conflicts of interest

There are no conflicts of interest.

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