

# LIMBAL AUTOGRAFT PROCEDURE



**Eye Learn**

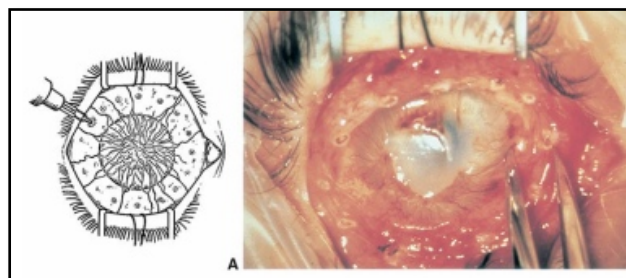
All about the Eye

Dr. Krati Gupta

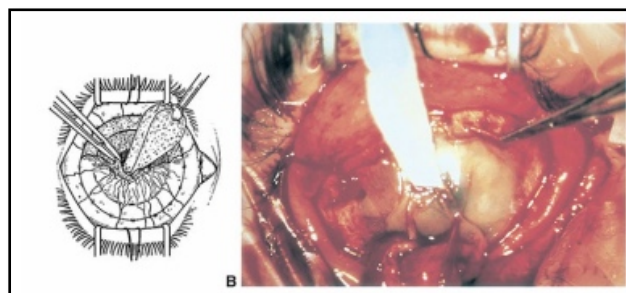
Dr. Saurabh Deshmukh

[www.eyelearn.in](http://www.eyelearn.in)

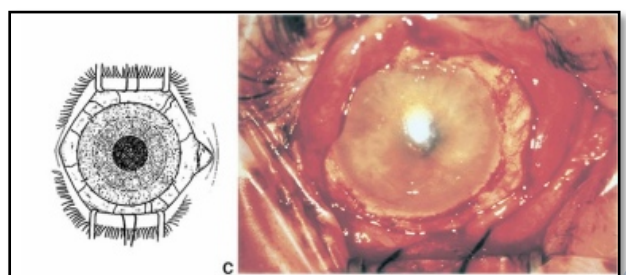
## LIMBAL AUTOGRAFT PROCEDURE



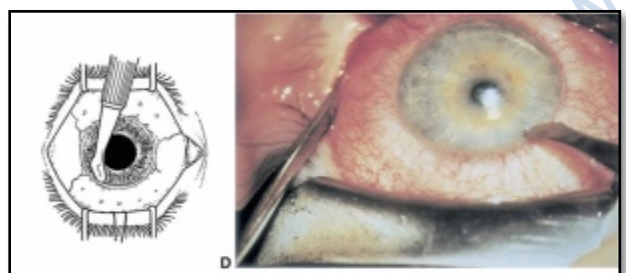
A] With disposable cautery, the area of bulbar conjunctiva to be resected is marked approximately 2 mm posterior to the limbus.



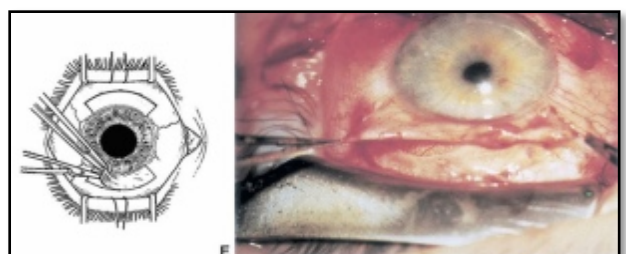
B] After conjunctival resection, abnormal corneal epithelium and fibrovascular pannus are stripped by blunt dissection using cellulose sponges and tissue forceps.



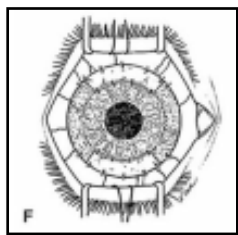
C] Additional surface polishing smoothens the stromal surface and improves clarity.



D] Superior and inferior limbal grafts are delineated in the donor eye with focal applications of cautery approximately 2 mm posterior to the limbus. The initial incision is made superficially within clear cornea using a disposable knife.



E] The bulbar conjunctival portion of the graft is undermined and thinly dissected from its limbal attachment.



F] The limbal grafts are transferred to their corresponding sites in the recipient eye and are secured with interrupted sutures, 10-0 nylon suture at the corneal edge and 8-0 polyglycolic acid suture at the conjunctival margin.