



**“The novel treatment option for
unilateral vision loss”**

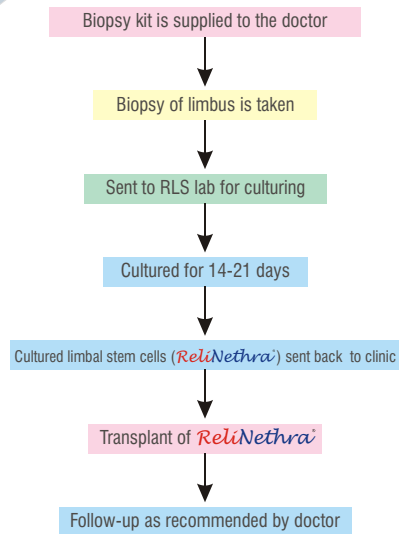


Loss of vision can be either unilateral (involving one eye) or bilateral (involving both the eyes).

The reason can be damage to an important part of the eye - the limbus.

The Limbal Stem Cells (LSCs) are responsible for constantly regenerating the cornea damaged due to normal wear & tear throughout life. However, when there is a major damage the eye is no longer able to produce any or enough limbal stem cells.

This condition is termed as “limbal stem cell deficiency” and can result in permanent loss of vision since the cornea cannot be regenerated.

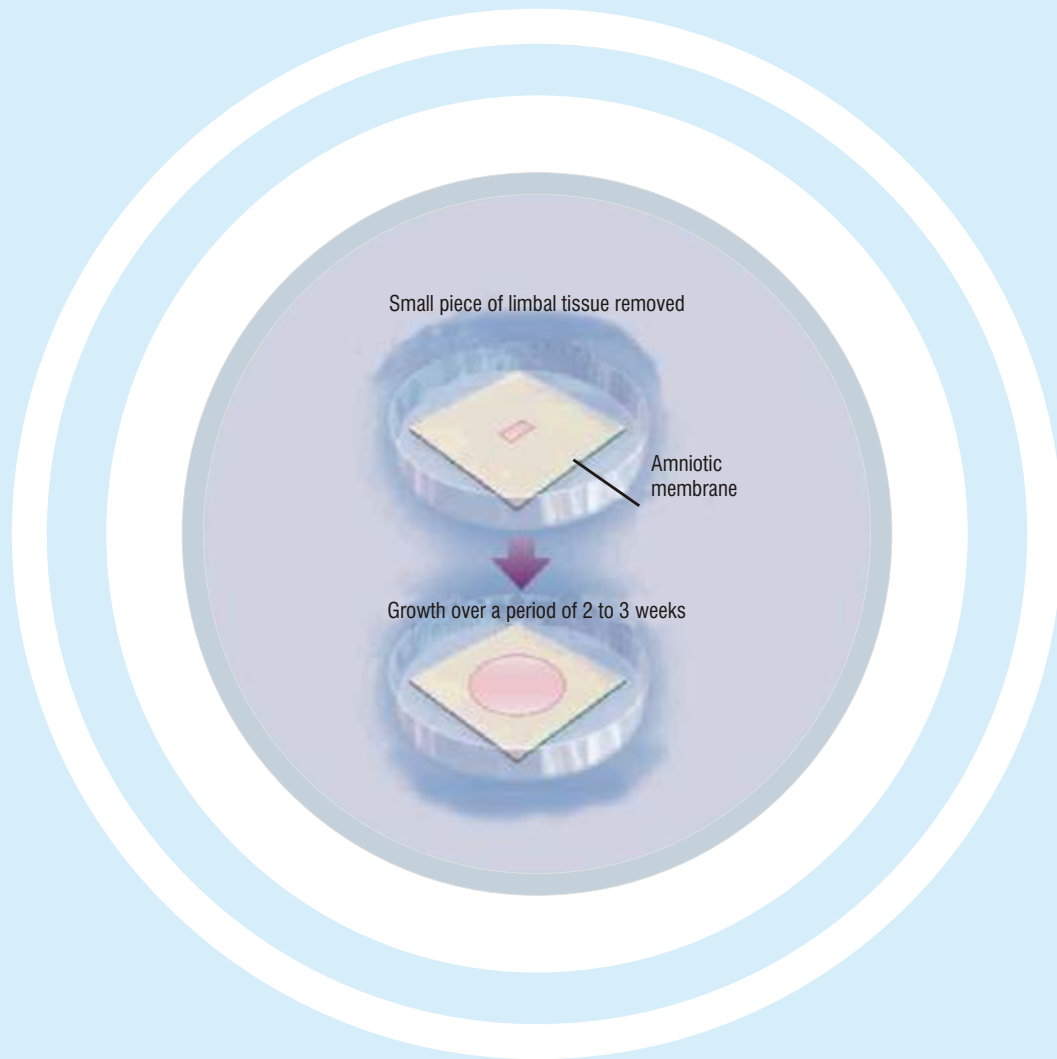


What is the new treatment available?

Cultured limbal stem cell transplantation is the new option that is available.

1. A very small portion of the limbus from the normal eye is taken under anaesthesia. This is called as biopsy.
2. It is then cultured in the lab.
3. Then it is transplanted onto the affected eye.

The area from where the portion is taken gets repaired on its own in couple of weeks.



Limbal Stem Cell Culture

What happens to the biopsy that's taken?

- The biopsy is sent to the Reliance Life Sciences Lab
- The lab processes the sample and cultures the limbal stem cells through approved processes
- The biopsy & culture is transported in a controlled environment
- This process takes about 14 to 21 days & varies with each individual
- The final product is “*Relinethra*®” (cultured limbal stem cells on amniotic membrane) which is then grafted in the affected eye

What is the duration of the procedure?

Approximate time taken for the procedure

- Biopsy - 30 minutes
- Transplant - 1 to 1^{1/2} hours
- Healing and followup - 9 to 12 months



How successful is this procedure?

Various studies have recorded success rates upto 80%. This procedure does not ensure 100% success because of patient-to-patient variability. However, this is the best option available till date.

What you need to do:

1. Fill up & sign the enrollment form
2. Issue a cheque/DD for processing fees in the name of Reliance Life Sciences Pvt Limited
3. Hospital admission for biopsy
4. Hospital admission for transplant
5. Followup as recommended by your doctor