

BrightMEM™ Corneal Allograft



BrightMEM Overview

The BrightMEM Corneal Allograft

BrightMEM is a novel corneal allograft that promotes regeneration of the corneal epithelium.

It is made from Descemet's Membrane, which creates a new foundation for the ocular surface, capable of supporting native limbal epithelial stem cells. This represents a new treatment for patients with impaired corneal healing.

The product is aseptically processed from tissues obtained from donated human tissue (corneas) according to the current Good Tissue Practices (cGTP) regulations established by the US Food & Drug Administration (FDA).

Advantages of BrightMEM?

- Promotes corneal epithelial regeneration
- Optimizes limbal stem cell growth
- Optically clear
- More durable and resistant to degradation than alternatives
- Preclinical data shows limbal stem cell and epithelium support and protection from stromal melting
- Early clinical data shows epithelialization without any serious tissue related adverse reactions

Watch the Surgical Training Video



Register to Order BrightMEM



LWVI Registered Surgeons

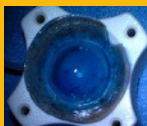


BMAK Procedure Overview



Prepare the Patient

Place a speculum in the patient's eye and debride the epithelium or pannus over the cornea out to a 0.5 clearance on all edges.



Trephine the BrightMEM Allograft

Trephine the tissue to an appropriate diameter to fit within the area of epithelial debridement and then discard the scleral rim.



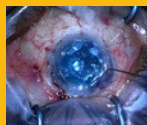
Place the BrightMEM Allograft

Place the trephined corneal button with the BrightMEM allograft side down onto the cornea surface, staying within the margins of the epithelial debridement. Allow the cornea button to dry in place. Peel the anterior corneal button away leaving the BrightMEM allograft in place.



Smooth Out the BrightMEM Allograft

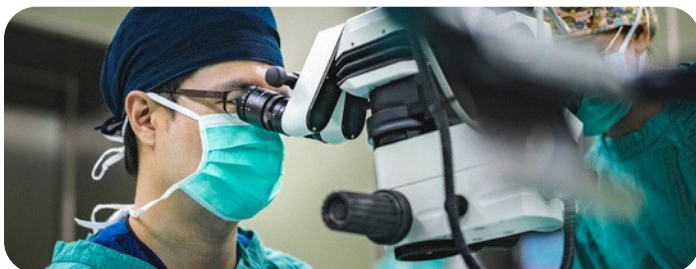
If there are wrinkles in the BrightMEM allograft, use a 30g cannula to gently sweep over or under the graft to smooth it out. After the graft is smooth and its orientation is confirmed, wick residual interface fluid out.



Adhere the BrightMEM Allograft

Apply fibrin glue over the graft, ensuring that the edges are fully covered. Next, place a bandage contact lens over the glue. Carefully remove the lid speculum, making sure not to dislodge the contact lens.

For detailed instructions and surgical pearls
[CLICK HERE](#)



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