



ATTENTION TRANSPLANT SURGEON & OPERATING ROOM STAFF

Enclosed is a Descemet's membrane graft that has been preloaded into a glass cannula for use in Descemet's membrane endothelial keratoplasty (DMEK). The tissue has been prepared in an aseptic manner using the modified scuba technique, "S" or "F" stamped applied (optional), trephined with a corneal punch, stained with trypan blue for ≤ 5 minutes, and loaded into a glass cannula. Endothelial health was evaluated using slit lamp imaging and specular microscopy. As with all corneal tissue for transplantation, a tissue label and tamper evidence seal should be present and confirmed prior to utilization.

Please note the following prior to utilizing the pre-loaded DMEK tissue:

ATTENTION OPERATING ROOM STAFF: The vial containing the preloaded DMEK graft is shipped on its side to maintain the position of the graft within the bulb of the glass cannula. ***Please leave it on its side until the surgeon is ready to have the storage container opened.***

ATTENTION SURGEON: A section of the corneoscleral rim is included within the storage container to be used ***for culturing purposes only***; if applicable.

HOW TO USE: Prepare a small sterile container filled with BSS. Fill a sterile syringe with BSS making sure that there are no air bubbles within the syringe. Once the lid of the storage container has been removed, use sterile forceps to remove the glass cannula by grabbing the luer lock and lifting. ***Be careful not to dislodge the silicone cap off the glass cannula while it's being removed from the storage container. DO NOT REMOVE THE SILICONE CAP AT THIS TIME.*** Thread the luer lock onto the prepared syringe ensuring that no air bubbles are present at the junction. Once the glass cannula is attached to the syringe via the luer lock, gently remove the silicone cap. Pinch the silicone cap and gently rotate back and forth until it slides off. Maintain the plunger of the syringe in a neutral position while the cap is being removed. The storage solution within the glass cannula should then be replaced with BSS prior to injection into the eye. This can be accomplished by submerging the tip of the glass cannula into the small container of BSS and continuously drawing and ejecting BSS. Continue until the storage solution has been replaced by BSS. Try to maintain the DMEK graft within the bulb of the glass cannula during this process. The glass cannula with the DMEK graft is now ready to use.

