



Instrumentation for DMEK Procedure

In order to help support your physicians and prepare the facility, we've compiled a comprehensive list of necessary supplies and instruments for DMEK procedures.

- Drape scissors
- Lieberman
- 4x4 gauze sheets
- Calipers
- Fine tip marking pen
- 8.25mm (and various other sizes) marking trephine
- Weck-cell sponges 1 pack, with another available
- 8.0mm donor trephine punch (without suction is fine) - **Only required if not requesting preload from the Eye Bank**
- 0.12 forceps
- Pair tying forceps
- 5- 5cc syringe with 27g or 30g cannulas (1 for Vision Blue/1 for Gas/ 1 for Air/2 for BSS)
- 15mm segment cut from gastric tubing (size 14 French)
- Healon, provisc, or other cohesive viscoelastic – (may want to have second tube on hand but only open one)
- 300 micron feather / pocket blade
- 2.4mm steel keratome
- 1 mm paracentesis blade
- Reverse Sinsky hook
- Blunt, rounded edge DMEK stripper
- Miochol
- Co-axial IA hand piece with angled or curved tip
- Needle holder
- 10-0 nylon suture CU-5 needle
- Vannas scissors
- Utrata forceps
- Specimen sup lid or glass petri dish filled with BSS
- Straiko modified Jones tube (Gunther Scientific glassblowing Co 503-644-4056) - **Only required if not requesting preload from the Eye Bank**
- 20% SF6 gas (used in retinal surgery)
- Disposable gas filter (used in retinal surgery)
- 32 gauge botox needle (back up instrument- not required for the procedure)

Helpful Notes in Preparing 20% SF6 Gas:

Attach 5cc syringe with female adapter to tank, open tank slowly and fill syringe with 0.75cc. (It's ok to over fill and expel to 0.75cc) draw back to 5cc mark, attach 30g cannula. Do this again and cap second syringe with 18g needle, to set aside and have available.

Open valve and waste a small amount of gas from tank

****Do not inhale gas and BE SURE TO CLOSE TANK IMMEDIATELY****

We hope you find this information useful. If we can be of assistance in anyway please feel free to reach out to our Business Development Manager, Kevin Wright, at kwright@saving-sight.org or 816-878-8072 or our Client Services team at 816-255-1307 or toll-free at 800-816-9263.