



## **Certified Eye Banker - Technical (CEBT) Exam**

### **Practical Performance Competency Verification**

#### **Procedure: Laboratory Microkeratome Lamellar Processing**

Candidates applying to become a Certified Eye Banker – Technical (CEBT) must demonstrate technical proficiency in eye banking by performing one of the approved technical procedures witnessed by a Technician Trainer and the eye bank Medical Director. The procedure options include: Corneal Excision (In-Situ or Laboratory), Laboratory Microkeratome Lamellar Processing, and DMEK Processing. This form must be completed and signed by the Technician Trainer, Medical Director, and Executive Director. The completed and signed form should be uploaded with the CEBT Exam Application.

#### **Applicant Information:**

\_\_\_\_\_  
**Name (First and Last)**

\_\_\_\_\_  
**Organization**

#### **Medical Director:**

\_\_\_\_\_  
**Name (First and Last)**

\_\_\_\_\_  
**Role**

#### **Technician Trainer:**

\_\_\_\_\_  
**Name (First and Last)**

\_\_\_\_\_  
**Role**

#### **Procedure: Laboratory Microkeratome Lamellar Processing**

Select the procedure observed: ☐ DSAEK Processing

Note: The references in parentheses refer to related sections of the EBAA Procedures Manual.

#### **A. Aseptic Technique (E1.222)**

**MD  
Initials**

**Trainer  
Initials**

1. The technician was appropriately dressed wearing moisture impermeable clothing with sterile sleeves/ sterile impermeable gown, cap, mask and protective eyewear.		
2. The sterile instruments were appropriately wrapped.		
3. The unwrapping of the sterile instrumentation kit was performed without compromising the sterile instruments or sterile field.		
4. Non-sterile items were placed in areas that did not allow the sterile field to be compromised.		
5. The technician successfully demonstrated a 3-5-minute scrub utilizing aseptic technique.		
6. The technician successfully demonstrated proper sterile gloving technique.		
7. The technician successfully transferred the ocular tissue to the sterile field without compromising the sterile field or reaching over the sterile field during the transfer.		
8. All sterile and non-sterile instruments were appropriately placed throughout the entire procedure. The sterile field was never compromised.		
9. The technician followed the eye bank's SOPs for the conjunctival resection, using the appropriate instruments.		
10. The technician followed eye bank SOPs and took a measurement of the stromal bed while maintaining aseptic technique.		
11. The corneoscleral disc was carefully and gently transferred to the vial or viewing chamber containing the storage solution without compromising sterility.		
12. Aseptic technique was maintained throughout the procedure.		

## Practical Performance Competency Verification Continued

B. Surgical Technique		MD Initials	Trainer Initials
1.	The technician established the objectives for stromal bed thickness and correctly determined the depth of cut.		
2.	The technician set up the microkeratome and run appropriate system checks according to manufacturer's recommendations.		
3.	The technician completely removed the conjunctiva without contaminating the tissue.		
4.	The technician placed the cornea on the artificial chamber and centered it, without inducing stress lines and without causing trauma to the endothelium. The cornea did not fold.		
5.	The technician adequately assessed the pressure without inducing stress lines or causing trauma to the endothelium.		
6.	The technician cut the tissue by performing a smooth pass over the cornea with the microkeratome, taking care to have a consistent and steady pass.		
7.	The anterior chamber was maintained.		
8.	The technician performed measurements to determine residual stromal bed and anterior cap thickness and verified that the target stromal bed thickness was achieved.		
9.	The technician removed the cornea from artificial chamber, taking care to not fold the cornea, induce stress lines or traumatize the endothelium.		
10.	The technician demonstrated acceptable manual dexterity during the procedure.		
11.	The technician followed the established procedure as written in the eye bank's policy and procedure manual.		

### Comments by Medical Director

### Comments by Technician Trainer

### Medical Director's Recommendation

I meet the requirements outlined in the EBAA Medical Standards and currently serve as Medical Director for the eye bank listed.

On \_\_\_\_\_(date), I observed the above technician performing a tissue preparation procedure on ocular tissue from a human donor and have verified, with my initials, that they performed competently in each area. Based on my direct observation, I recommend that this technician be allowed to sit for the EBAA CEBT exam.

**MD Initials:** \_\_\_\_\_

### Technician Trainer's Recommendation

On \_\_\_\_\_(date), I observed the above technician performing a tissue preparation procedure on ocular tissue from a human donor and have verified, with my initials, that they performed competently in each area. Based on my direct observation, I recommend that this technician be allowed to sit for the EBAA CEBT exam.

**Trainer Initials:** \_\_\_\_\_

**All three of the individuals listed below confirm the information above and are in support of this application.**

\_\_\_\_\_  
Medical Director Signature

\_\_\_\_\_  
Executive Director Signature

\_\_\_\_\_  
Technician Trainer Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date