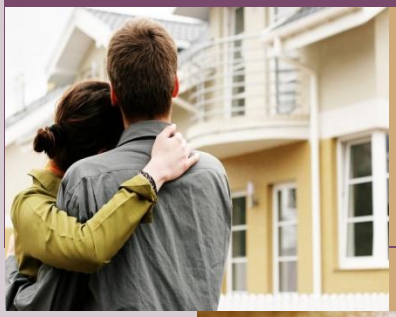
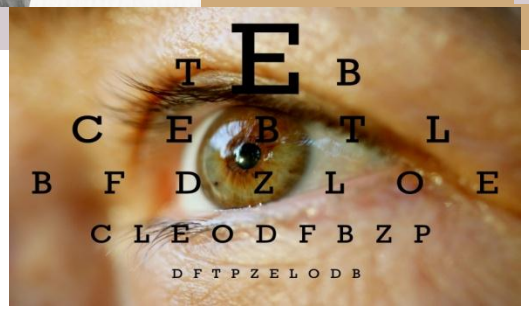
Rocky Mountain Lions Eye Bank





rmleb

ROCKY MOUNTAIN LIONS EYE BANK

Share the circle of light

Our Important Mission

To fulfill the wish

of eye donors and their families

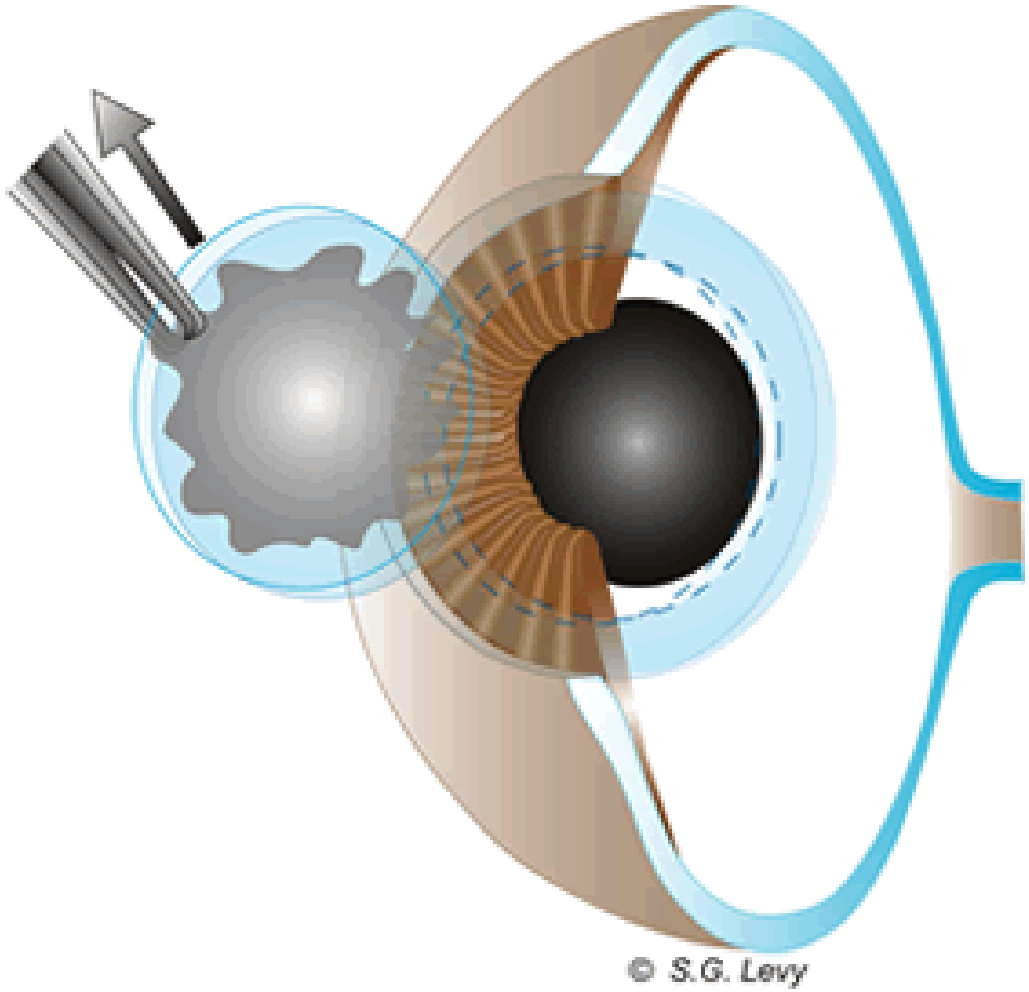
to help another overcome blindness

through transplantation and research.

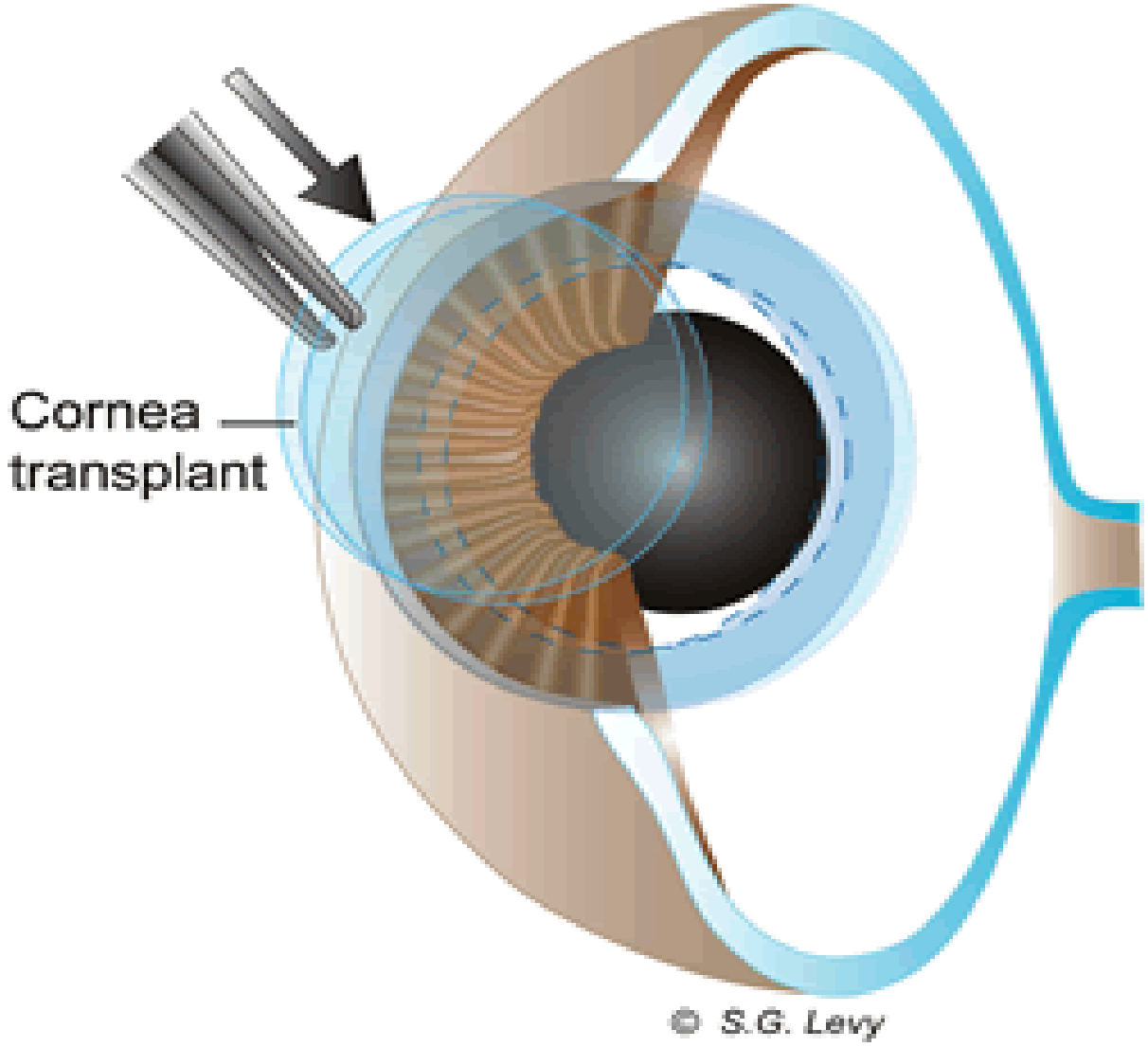
Eye Tissue

- Cornea
  - First transplanted 1905
  - Cures corneal blindness
  - 98% success rate
- Sclera
  - Reconstruction
  - Oculoplastics
- Limbal Stem Cells
  - Produce the outer covering of cornea

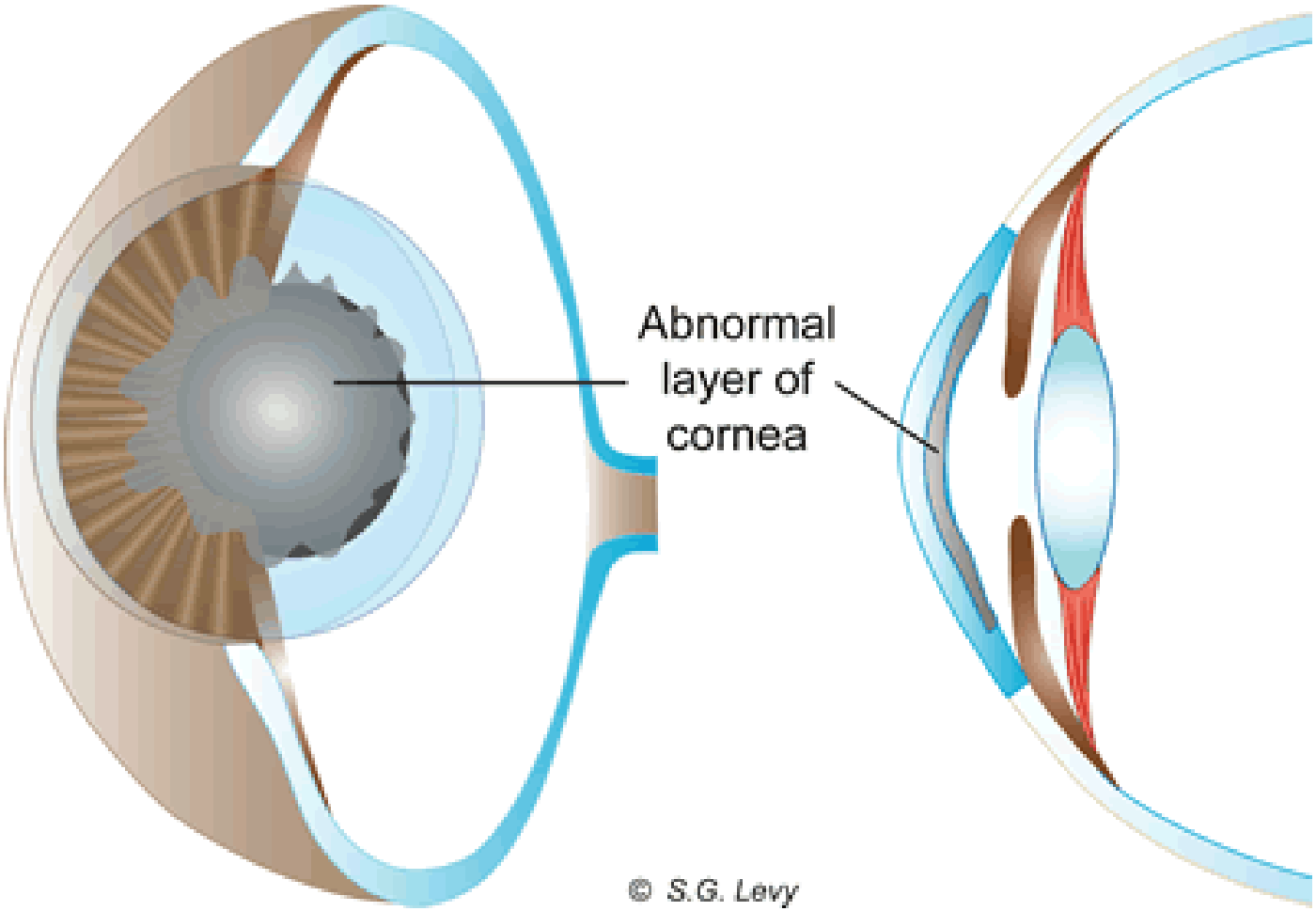
Penetrating Keratoplasty



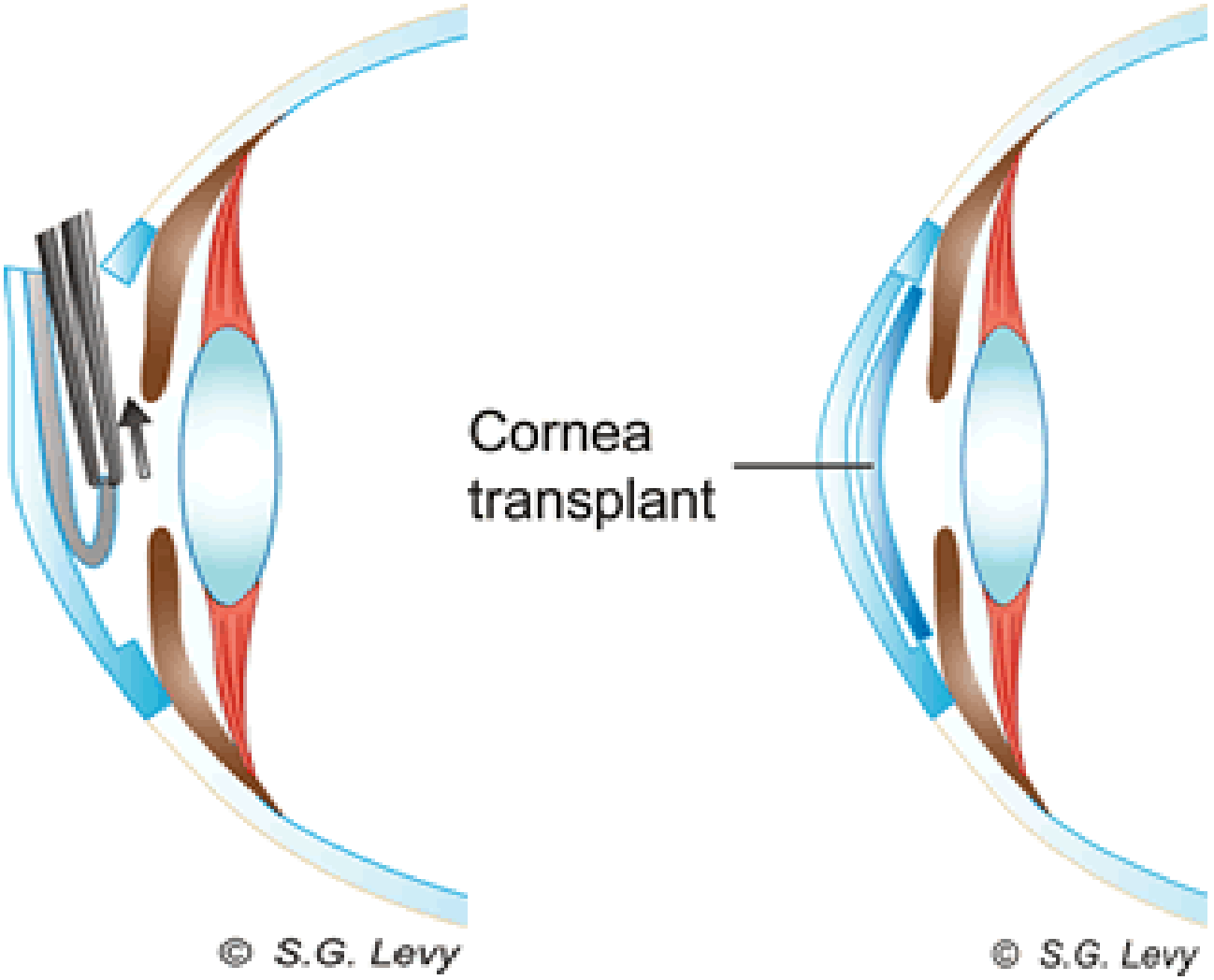
PKP



Endothelial Keratoplasty

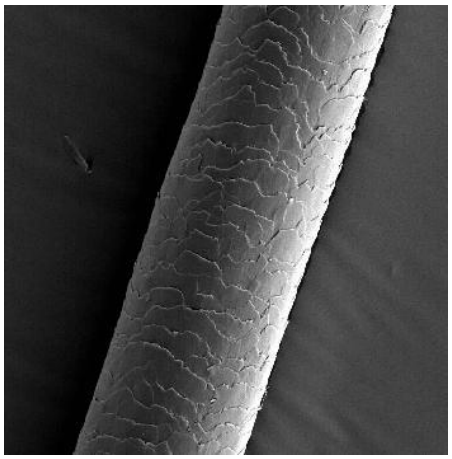


EK

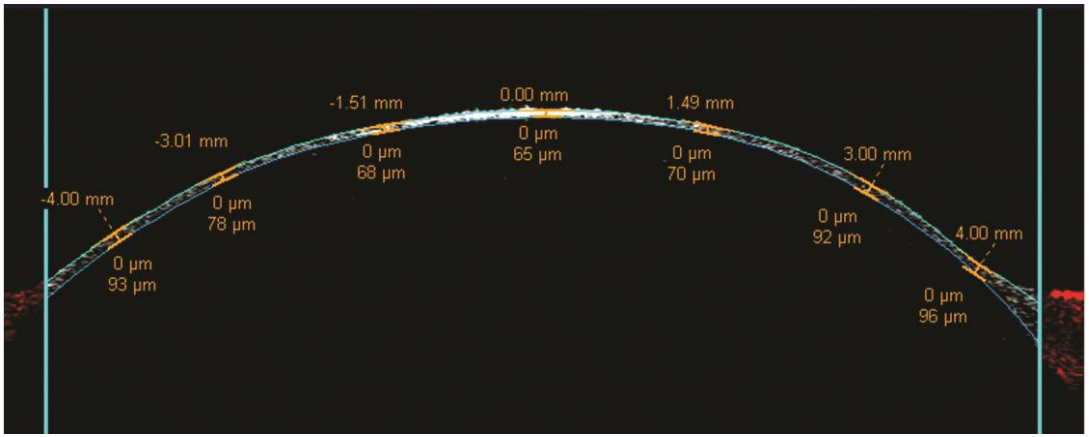


What's a micron?

1,000 μm



~100 μm



Double-pass EK graft pioneered at RMLEB: 40-65 μm

TMCA 2013 Donation Data

- **Total RMLEB eye donors in 2013:**
  2,133, with 2,021 corneas able to be placed for transplant

- 61 eye donors from The Medical Center of Aurora

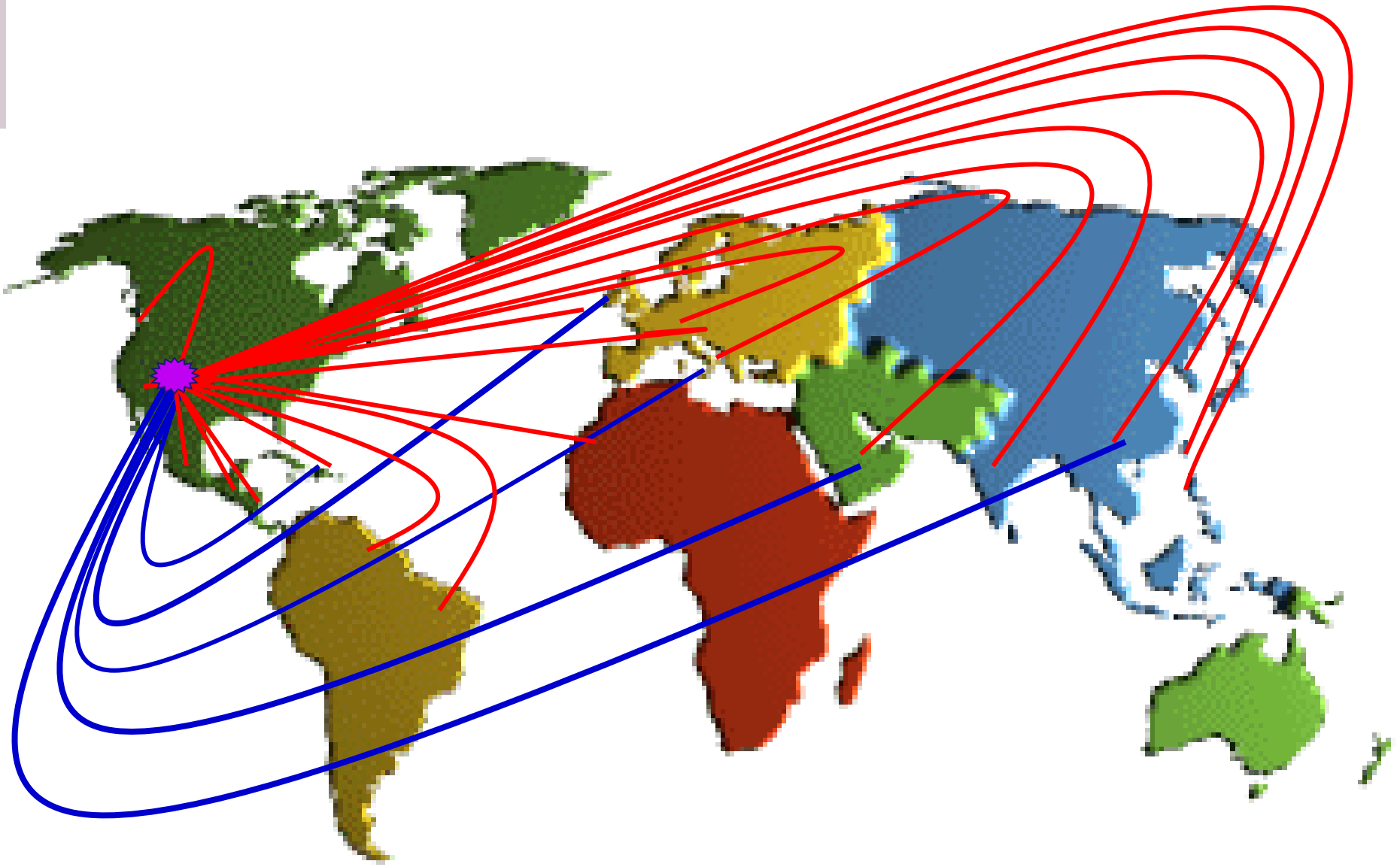
- 61 corneas from these donors were able to cure someone's blindness through transplantation. 2 scleral pieces (white part of eye) were used in reconstructive procedures.

- Recipients included people in Colorado, 8 other states, and 5 other countries

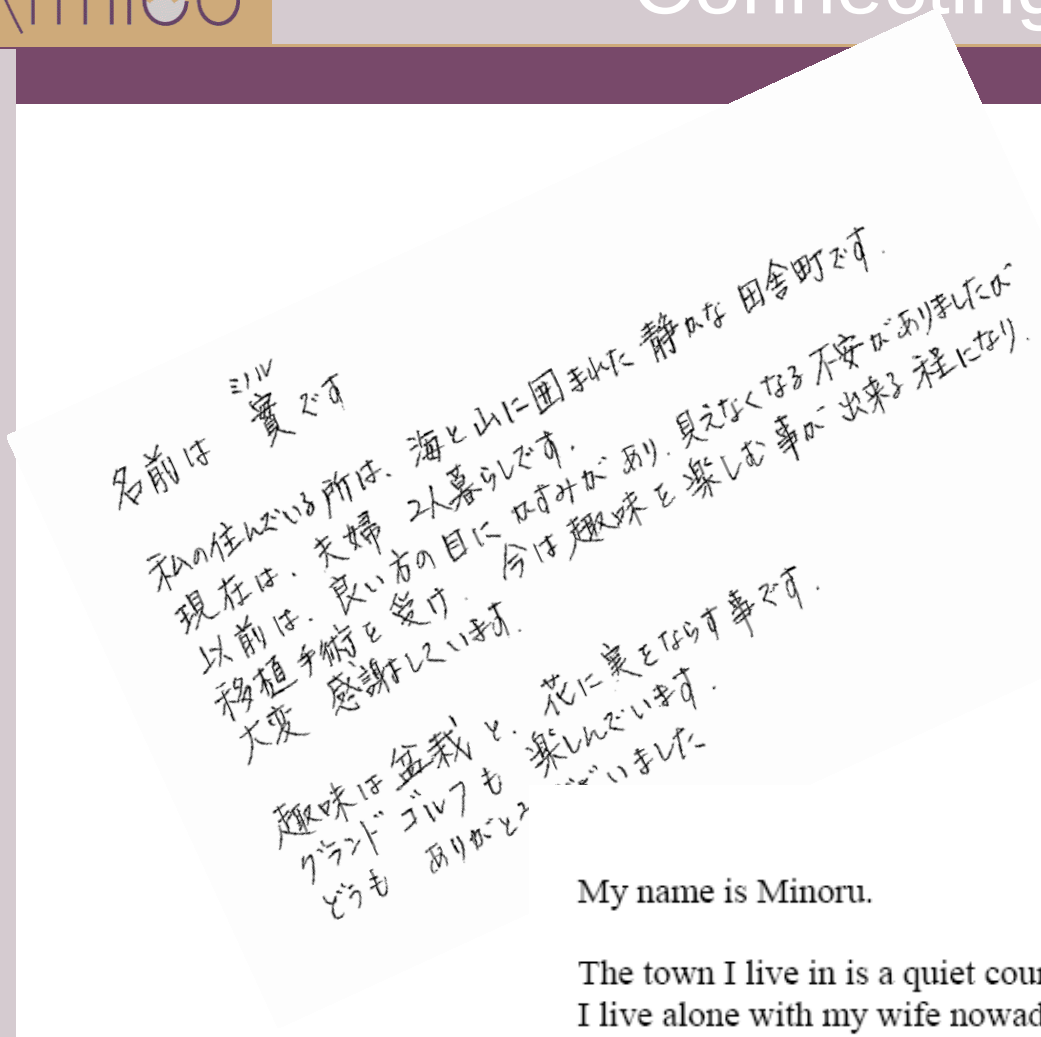
Placement Priority

- Local transplant recipients are always first priority for receiving a cornea from RMLEB
- After looking locally, we'll look nationally to see if any tissue requests are a suitable match
- Finally, we look internationally at our placement options for the transplantable cornea
- Transplantable tissue is never discarded for lack of placement

Our Worldwide Reach



Connecting People



My name is Minoru.

The town I live in is a quiet countryside surrounded with hills and a sea.
I live alone with my wife nowadays.
I was worried the good one of my eyes might go blind because it became dim, but the transplant surgery made it possible for me to even enjoy my hobbies. I am so grateful.
My hobbies include *bonsai* and growing fruit trees. I also enjoy playing golf.
Thank you so very much.

Questions?

ROCKY MOUNTAIN LIONS EYE BANK

Share the circle of light

A project of the Lions Clubs of Colorado and Wyoming