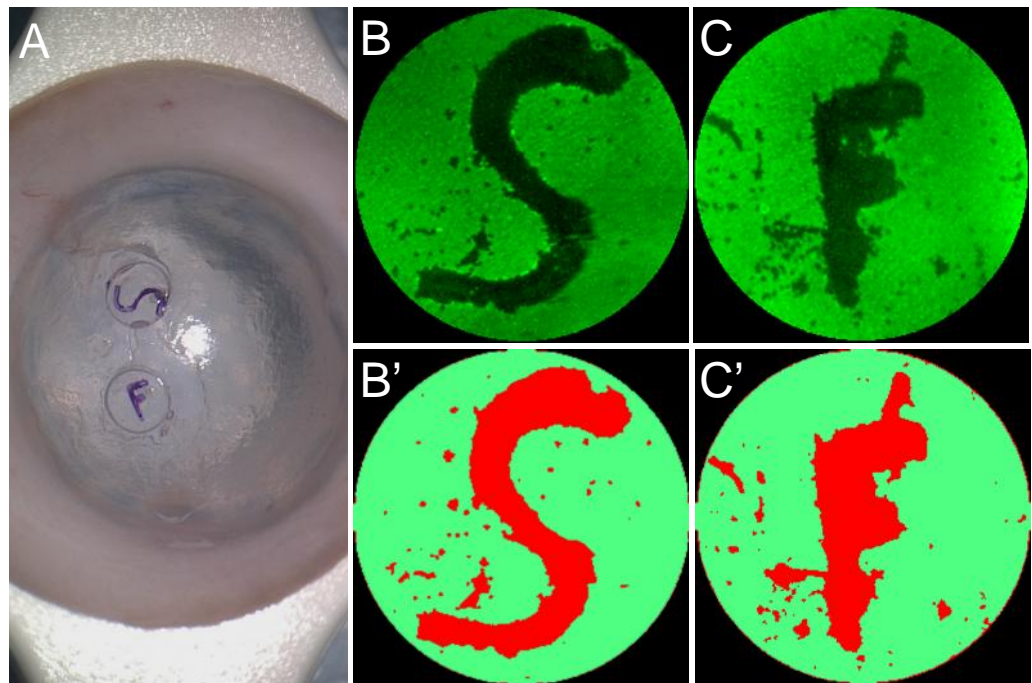


Using a smaller stamp is a **FANTASTIC** way to reduce cell loss on DMEK grafts!

ADVANTAGES OF USING A SMALLER STAMP:

- The footprint of the new F-stamp is 30% smaller than the old S-stamp.
- Averaged cell loss caused by an orientation stamp is reduced by 50% with the smaller F-stamp ($P=0.004$).
- Reduction in cell loss may reduce focal edema and potential graft detachments.

Our study results were presented at the 2018 ARVO meeting and the manuscript is currently under review.



A) A DMEK graft stamped with both stamps for comparison.

B-C) Calcein-AM images of the stamps in A.

B'-C') Segmented images of the same stamps.

References for prior use of the F mark in DMEK:

Parekh et. al., Standardizing Descemet Membrane Endothelial Keratoplasty graft preparation in the eye bank. *Cornea*. 2017

YouTube: <https://www.youtube.com/watch?v=-lkwjY-DZi0>

LVG has no financial interests in any stamps.