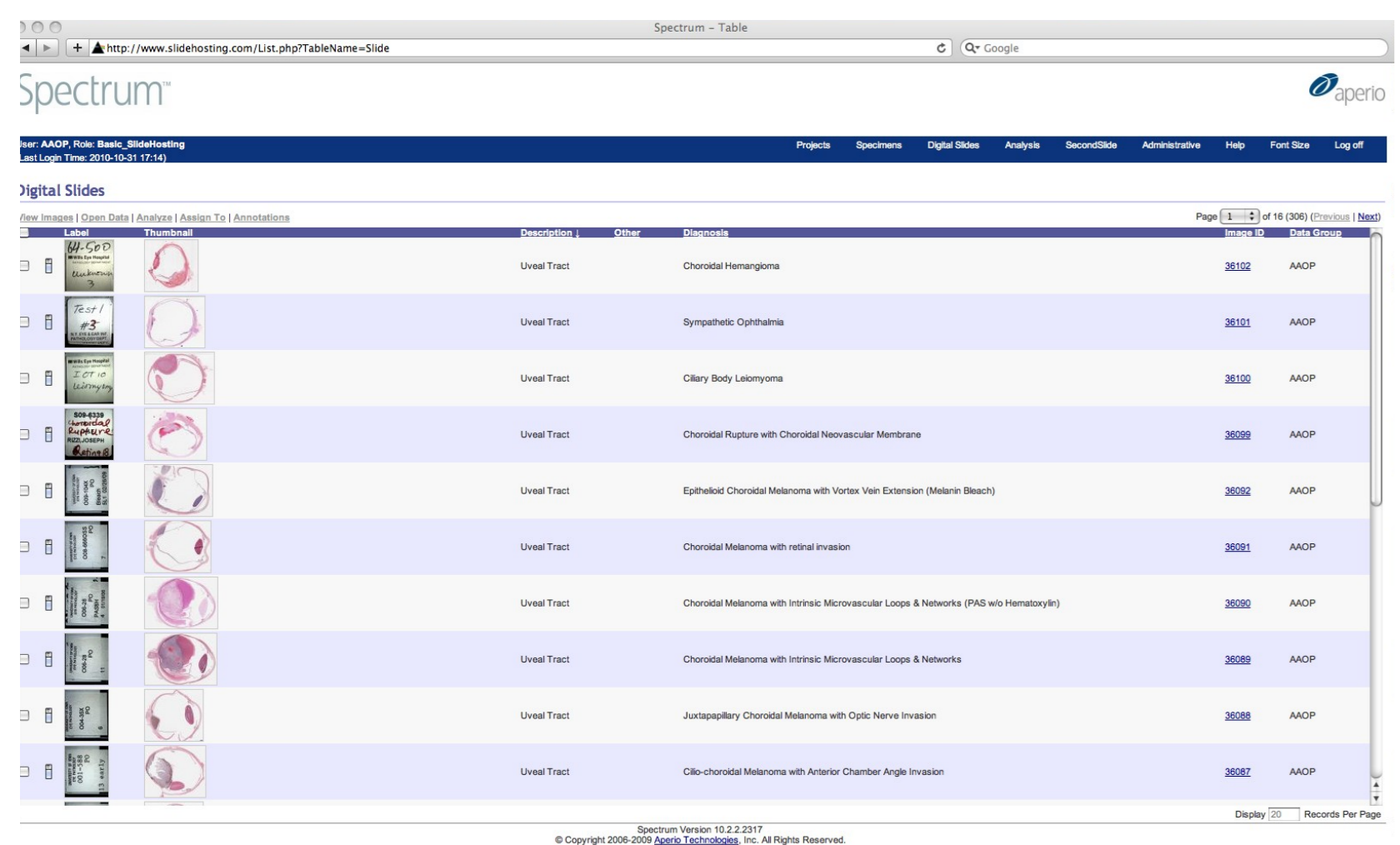




## Introduction

- Virtual microscopy was originally used as a way to post and transmit microscope images over computer networks allowing clinical collaboration among colleagues across geographical locations.
- Virtual microscopy is now being used as an educational tool in the teaching of pathology in a variety of settings.
- With the synthesis of microscopy and digital technologies, it is now possible to achieve image resolution approaching what is seen under a microscope.
- We are developing a comprehensive, web based database of ophthalmic pathology slides with instructive annotations that provides an educational experience simulating viewing pathology slides under a microscope.

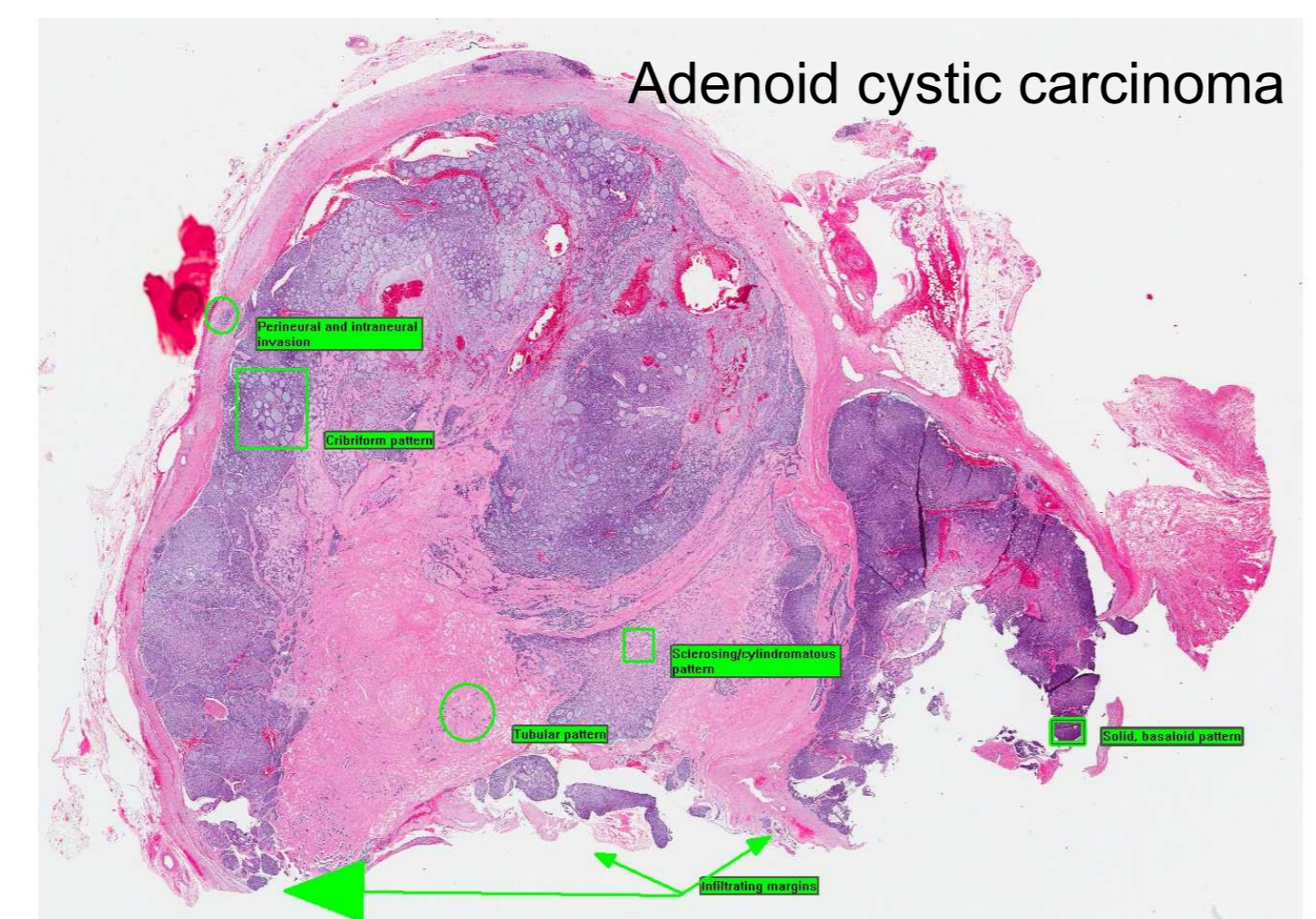
## Website Start Menu



## Methods

- Ophthalmic pathologists from various universities contributed slides to this effort under the auspices of the American Association of Ophthalmic Pathologists (AAOP).
- Using the Aperio© slide scanner a library of virtual ophthalmic pathology images with all the functions of a laboratory microscope was created.
- After the glass slides were converted into a digital format the images were stored on a virtual microscopy website (www.slidehosting.com).
- The slides include descriptive annotations that will help the user identify and understand pertinent pathologic findings.
- Residents from contributing programs were surveyed for feedback regarding educational value of the website.

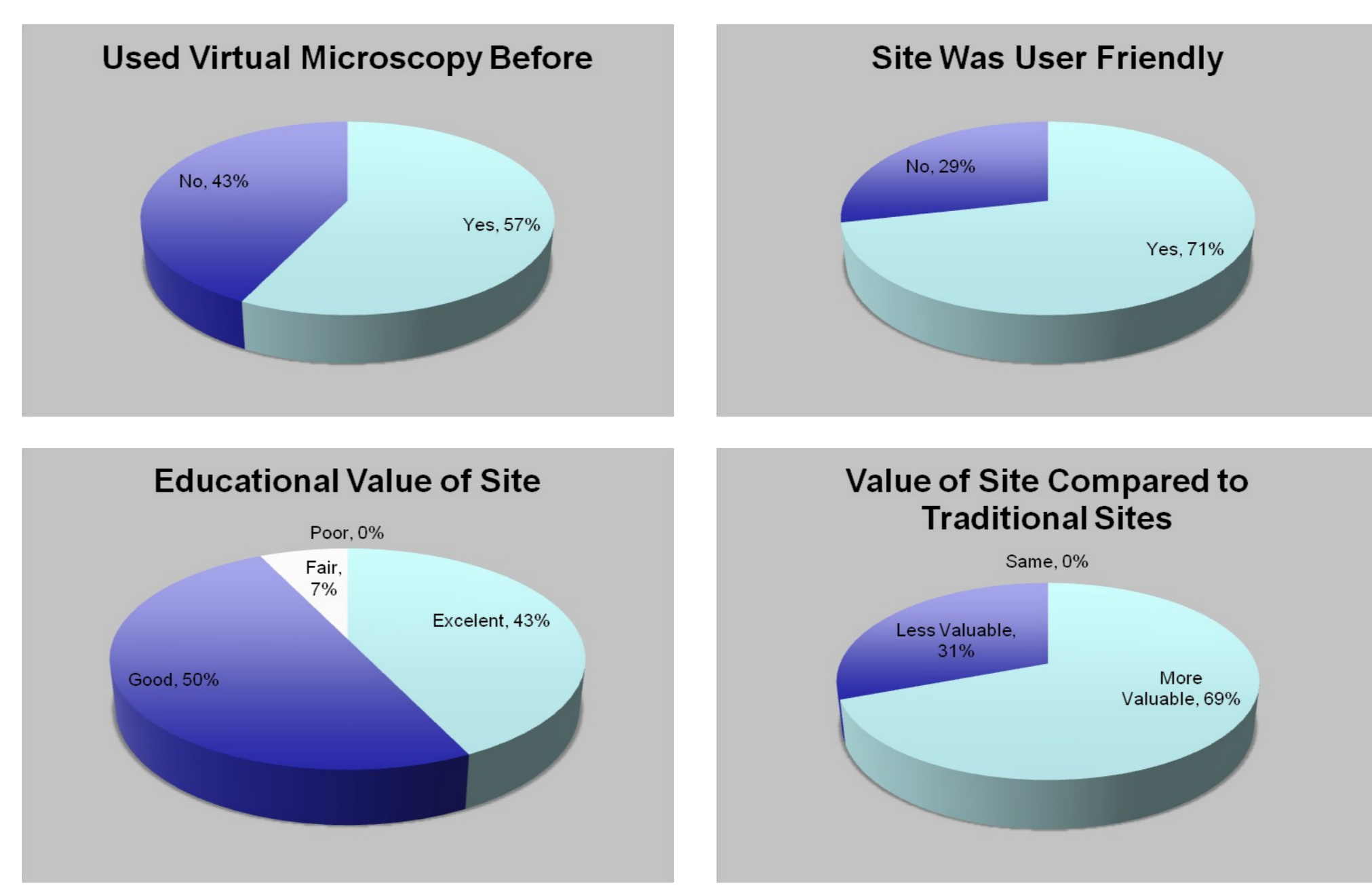
## Example Slide



## Results

- The ophthalmic pathology virtual microscopy website has been developed at www.slidehosting.com. Access to the site can be obtained utilizing username “aopath” and password “aperio”.
- One hundred and fifty five slides have been posted including representative slides from the conjunctiva, cornea, eyelid, glaucoma, nasolacrimal sac, orbit, and uveal tract.
- Annotations and additional slides are continually being updated and added to the site in order to create a comprehensive virtual microscopy resource for ophthalmology education.

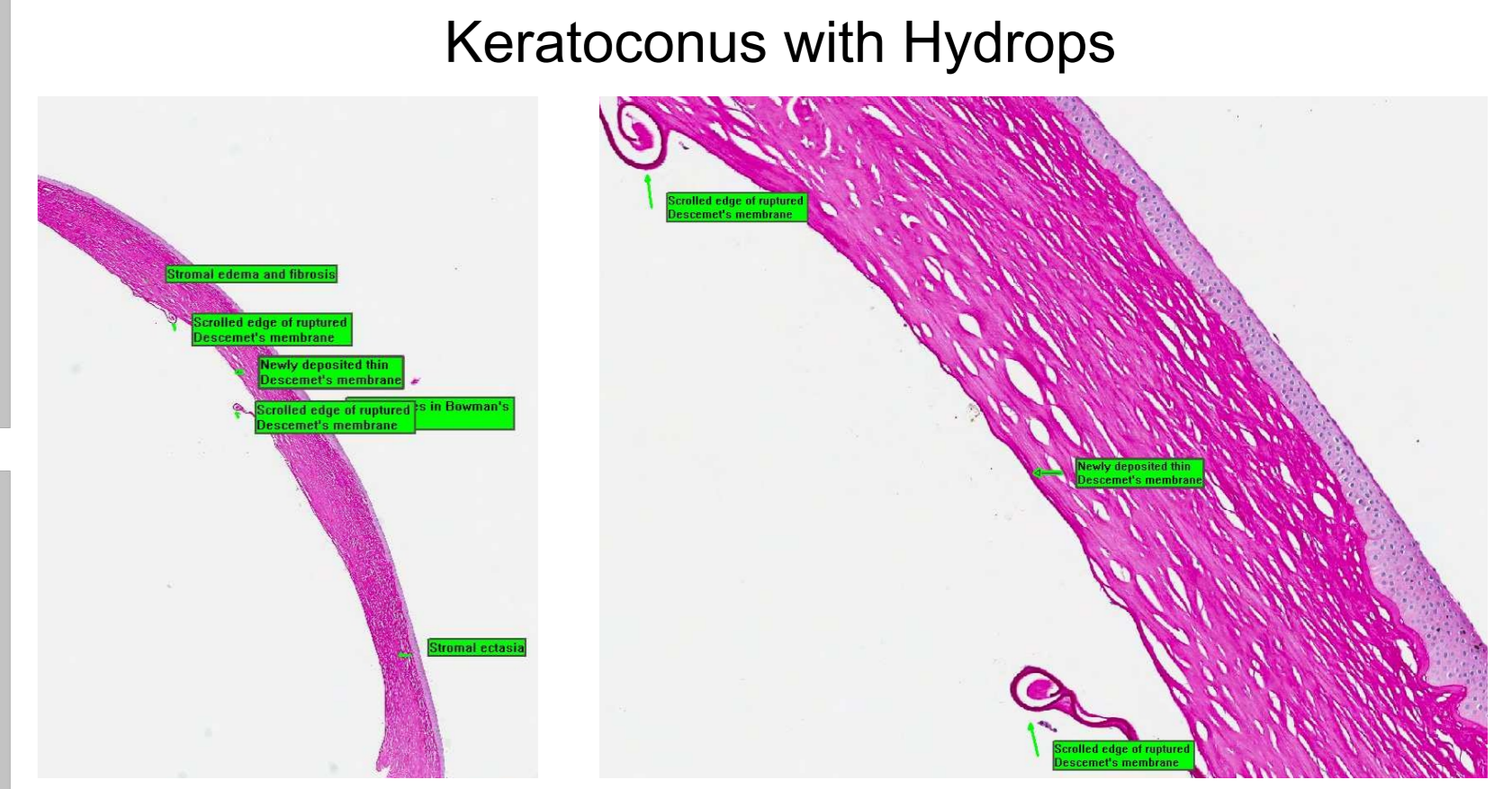
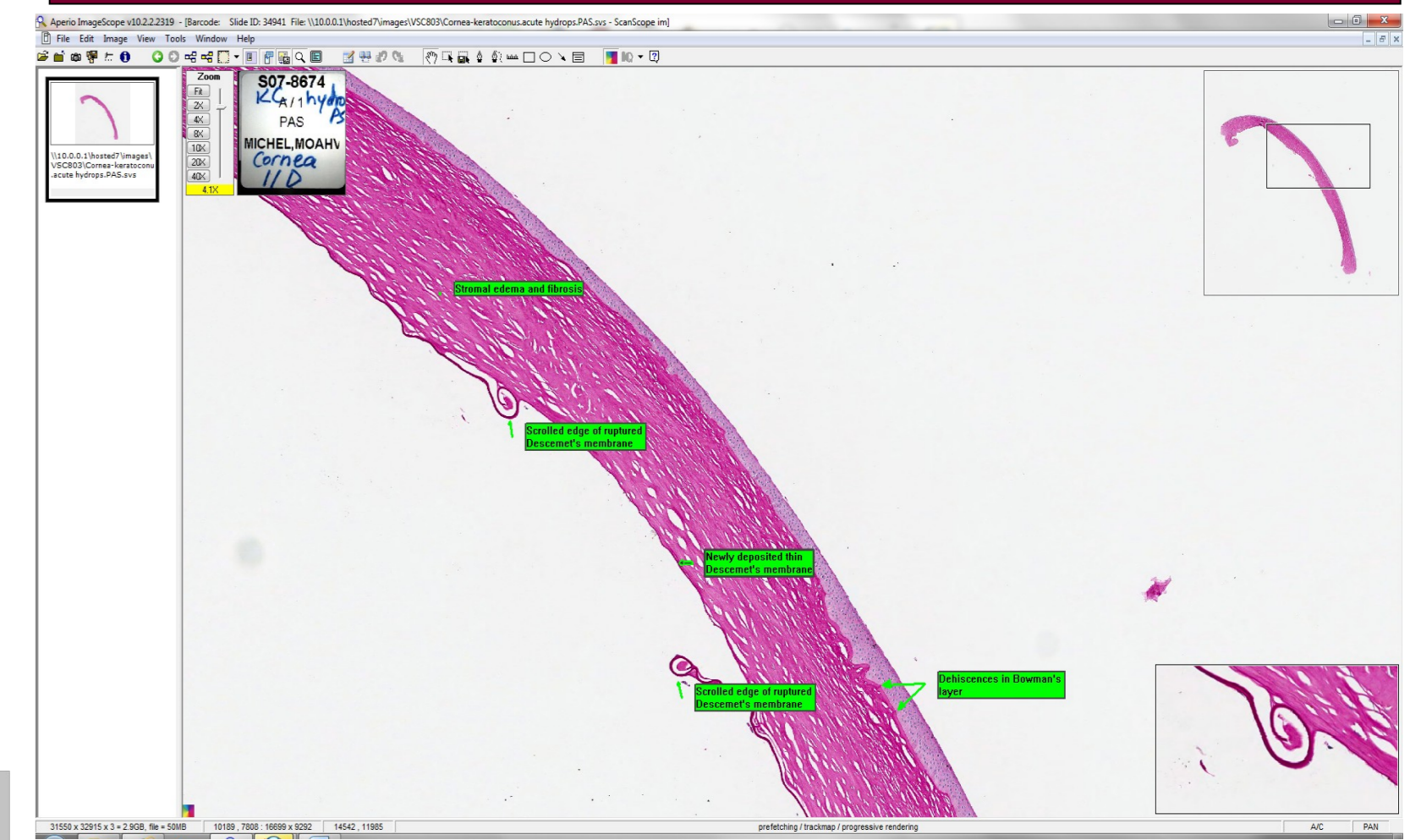
## Survey Results



## Conclusion

- Virtual pathology is a useful educational tool for the teaching of ophthalmic pathology.
- We have created a new web-based educational tool for the teaching of ophthalmic pathology.
- The website continues to be expanded and updated to create a standard tool for ophthalmology and pathology training.

## Example Slide



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