

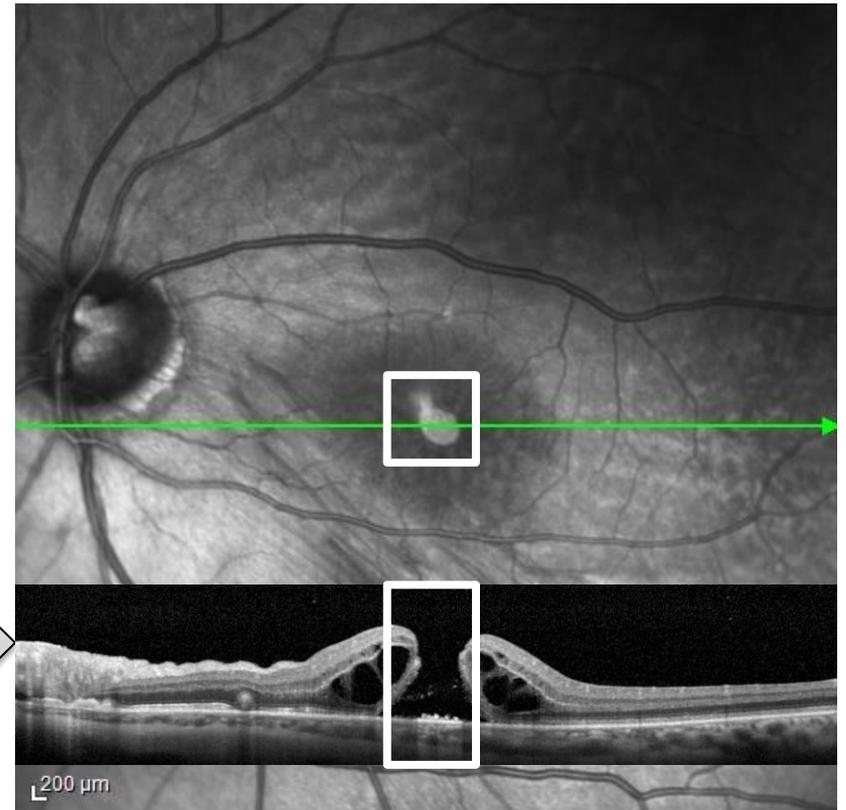
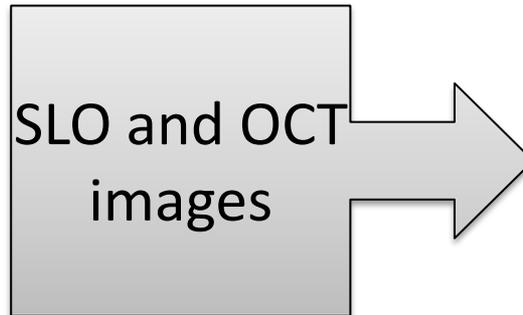
Visualizing cystoid macular edema in a macular hole

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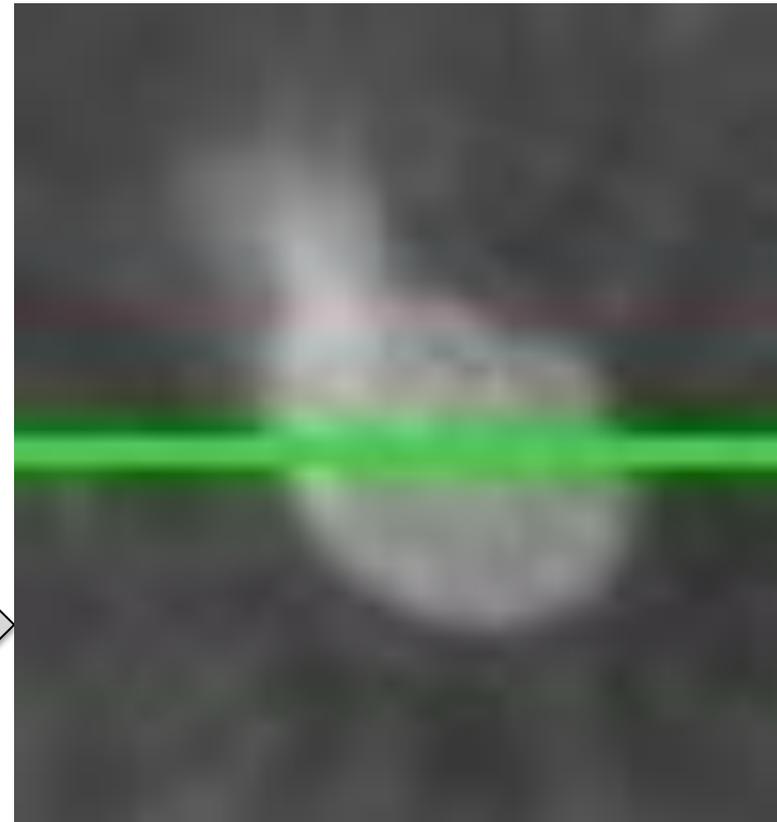
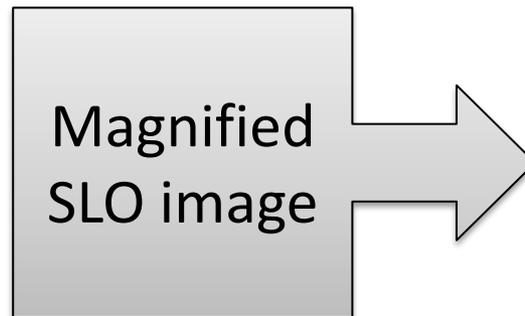
Conventional SLO-OCT examination

SLO and OCT images show the depth and lateral extension of the macular hole.



Conventional SLO examination

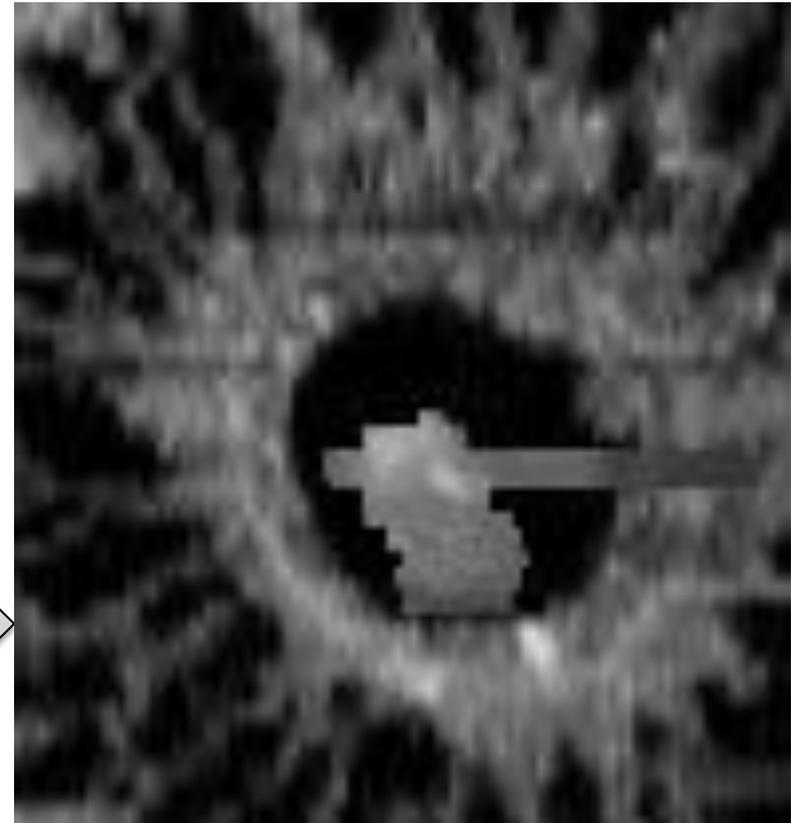
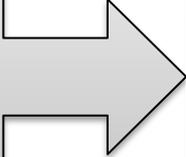
An SLO image shows the contour of the macular hole.



Conventional OCT examination

En face OCT shows the presence of macular edema cysts around the macular hole.

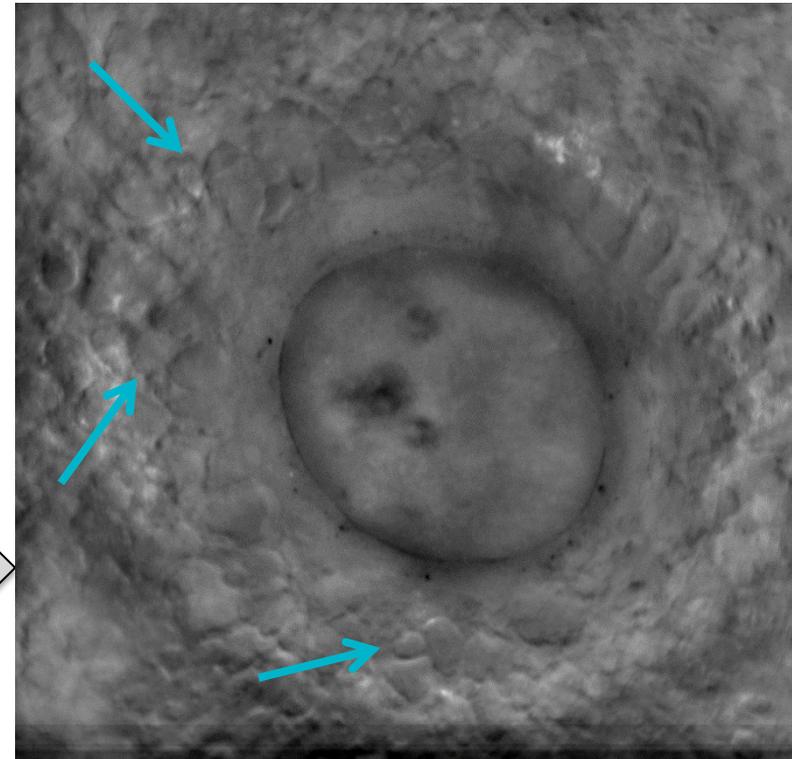
Magnified
en-face OCT
image



Adaptive optics examination

AO reveals smaller and more numerous micro-cysts that are developing in the periphery of the macular hole.

Adaptive
optics image
(Imagine
Eyes **rtx1**)



Micro-cysts

Conclusion

- Adaptive optics allow to study micro-cysts of a macular hole that are not visible with conventional imaging modalities.

