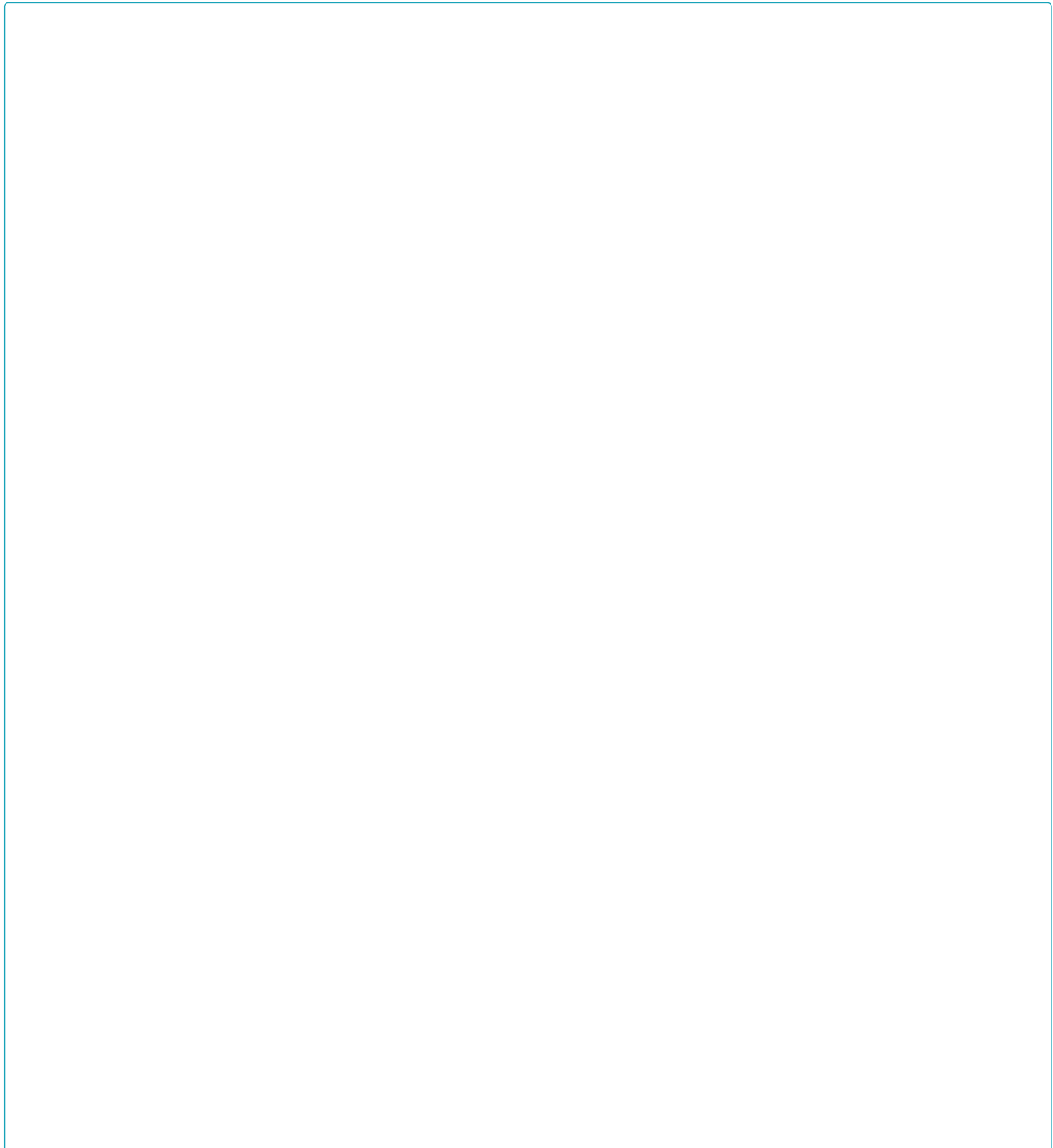


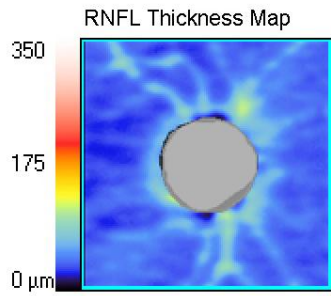
## Megalopapillae and severe glaucoma

Category(ies): [Glaucoma](#), [Iris](#)

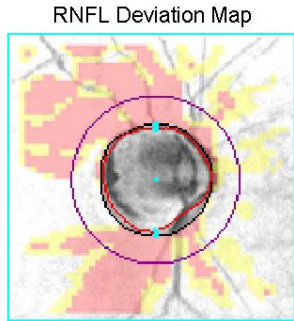
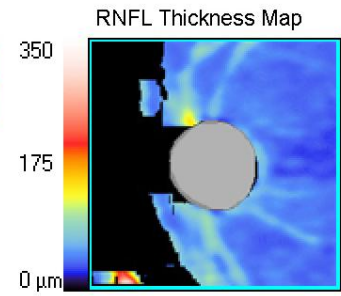
Contributor: [Elisabeth Aponte, MD](#)



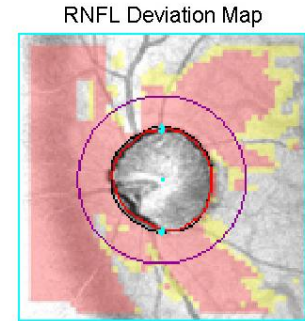
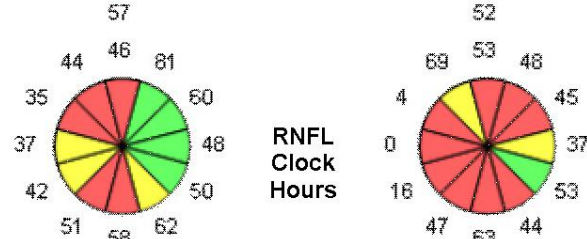
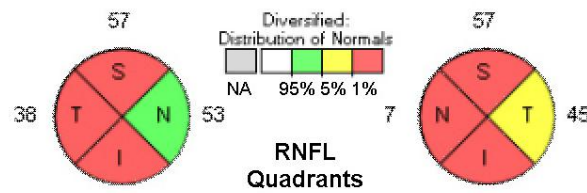
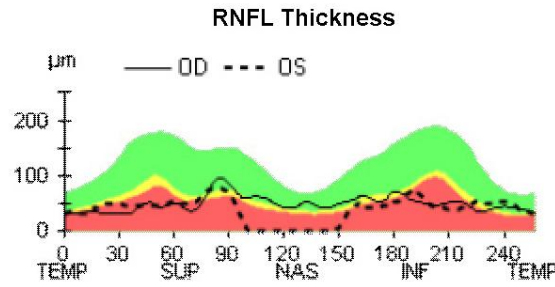
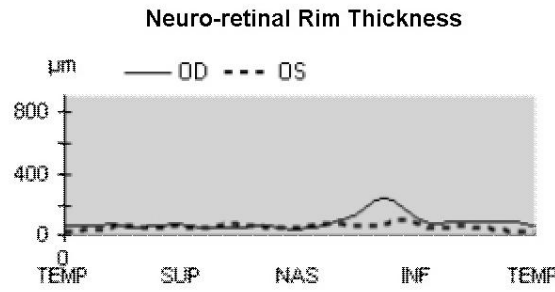
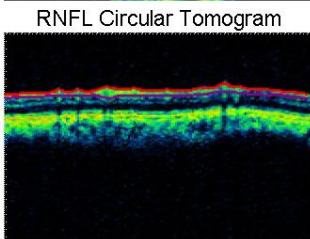
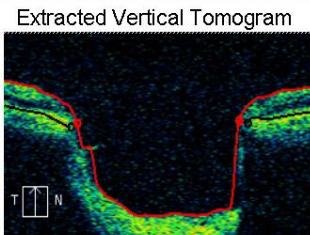
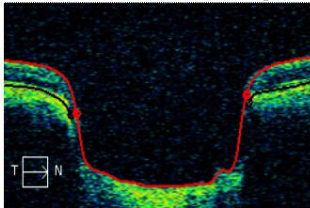
**ONH and RNFL OU Analysis: Optic Disc Cube 200x200** OD ● OS ●



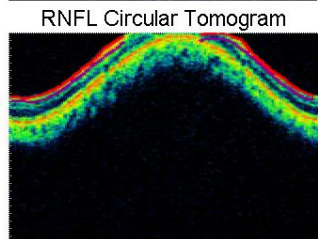
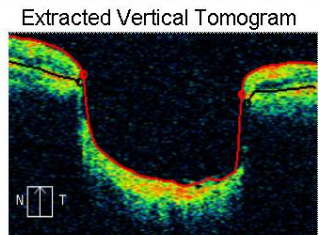
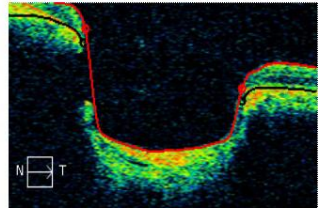
	OD	OS
Average RNFL Thickness	51 $\mu\text{m}$	40 $\mu\text{m}$
RNFL Symmetry	23%	
Rim Area	0.64 $\text{mm}^2$	0.41 $\text{mm}^2$
Disc Area	4.18 $\text{mm}^2$	3.69 $\text{mm}^2$
Average C/D Ratio	0.93	0.96
Vertical C/D Ratio	0.92	0.96
Cup Volume	2.954 $\text{mm}^3$	2.703 $\text{mm}^3$



Disc Center(0.03,0.00)mm  
Extracted Horizontal Tomogram



Disc Center(-0.06,0.00)mm  
Extracted Horizontal Tomogram



This OCT shows bilateral megalopapillae with a disc area of 4.18mm<sup>2</sup> in the right eye and severe cupping in this 44-year-old African male with juvenile open glaucoma, initially diagnosed at age 24.

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The large relative size of the right nerve compared to the macula can also be appreciated on the fundus photograph.

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