


Panel Discussion
Moderator: Mark Blumenkranz

- Theodore Leng
- Mays El-Dairi
- Alastair Denniston
- Brad Cunningham
- Michael D. Abramoff
- Felipe Medeiros
- Lama Al-Aswad
- Frank Brodie
- Nadia Waheed

Panel Discussion Question 1

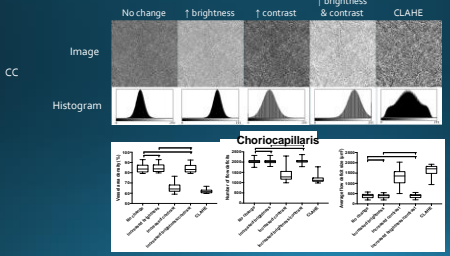
FDA is seeking to promote innovation and expedite the clinical development of optical coherence tomographers (OCTs). As new functionalities are introduced, typically, performance data is compared to a gold standard. Does a gold standard comparator exist for the following:

- a. Quantification of retinal vascularity?
- b. Quantification of oximetry with visible light OCT?
- c. Functional assessment of metabolic or indirect structure/blood flow changes?
- d. AI-assisted segmentation?



**Parafoveal Vessel Density Assessment
by OCTA in Healthy Eyes**

Qualitative & Quantitative Effects of Brightness/Contrast Adjustments

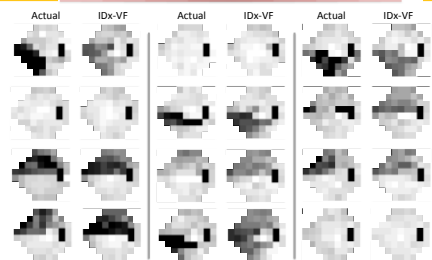


Consensus

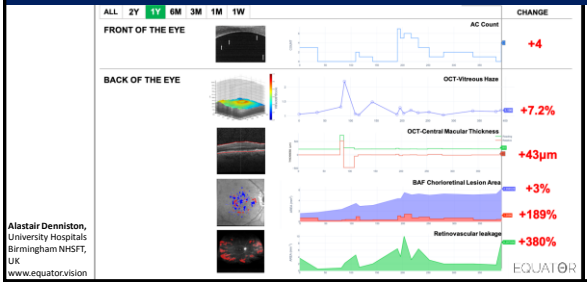
Research in current practice reveals several unmet needs:

- Standardization of the diagnosis of glaucoma
- Accurate algorithm for follow up and resolution of cases suspected of diagnosis of glaucoma
- Clear indications for treatment reducing both under- and over-diagnosis and treatment
- Foundational knowledge for research and development to standardize studies, protocol, inclusion and exclusion criteria, definition of populations and outcomes measures

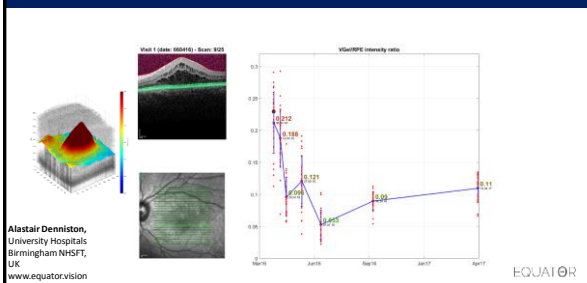
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Uveitis Endpoints – A Vision for the Future



OCT Measurement of Vitreous Inflammation



OCT Measurement of Vitreous Inflammation

