

# **Adaptica 2WIN**

Robert W. Arnold, MD  
the Alaska Blind Child Discovery











# Types of Amblyopia

- Refractive
- anisometropic
- hyperopic
- myopic
- isometropic
- astigmatic
- hyperopic
- myopic
- Strabismic
- Mixed
- Degenerational
- Nyctalopia
- Complex



Padova, Italy May 2019



# Dr. Mario Angi





**MTI Photoscreener**



**GoCheck Kids**



**PlusoptiX**



**PDI Check**





**Karen State, Burma**



# Vision Screening, Refraction, Dispensing

War Zone in Burma







2013 Burma







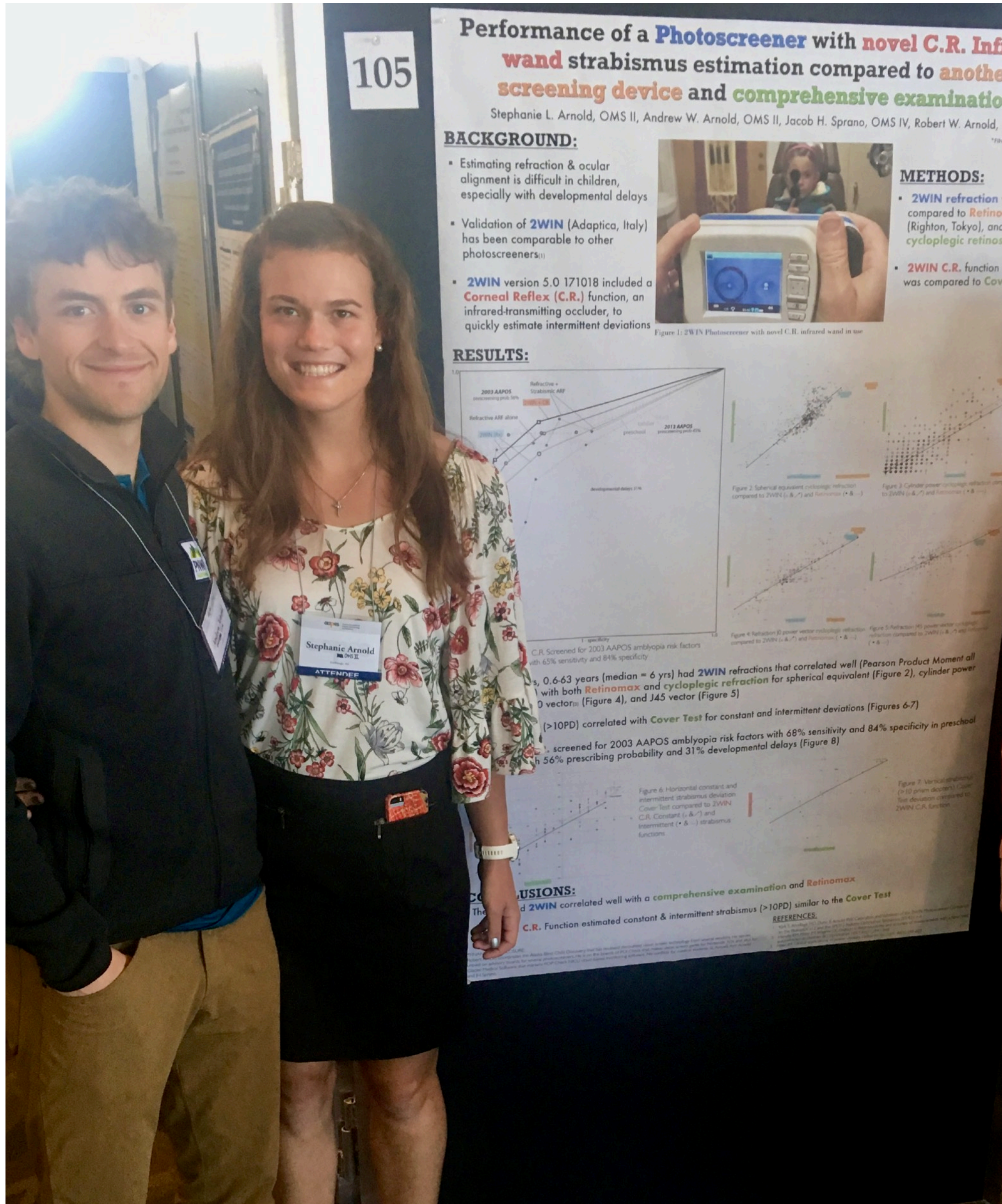


KALEIDOS

Burma Vision | Free the Oppressed



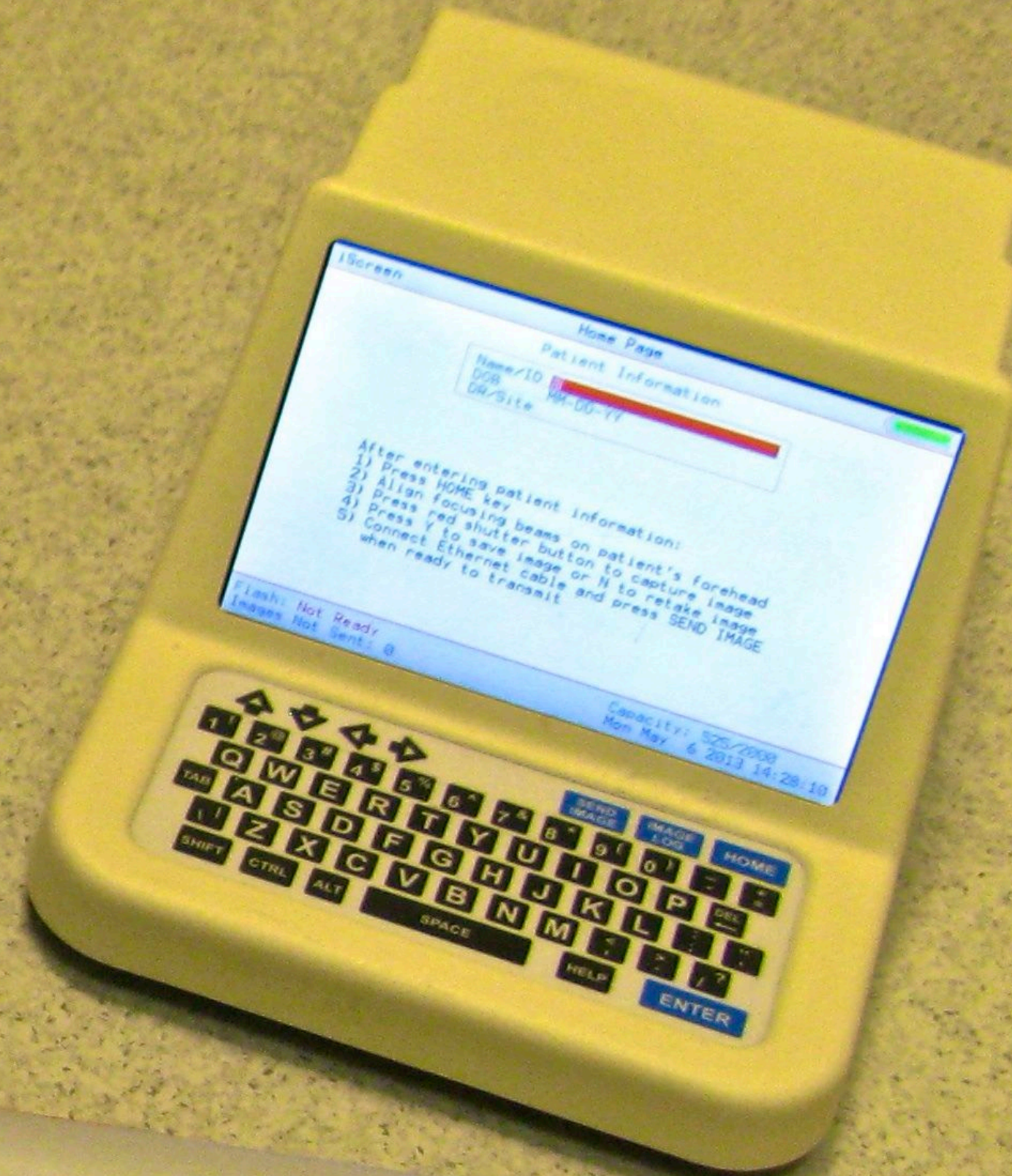


















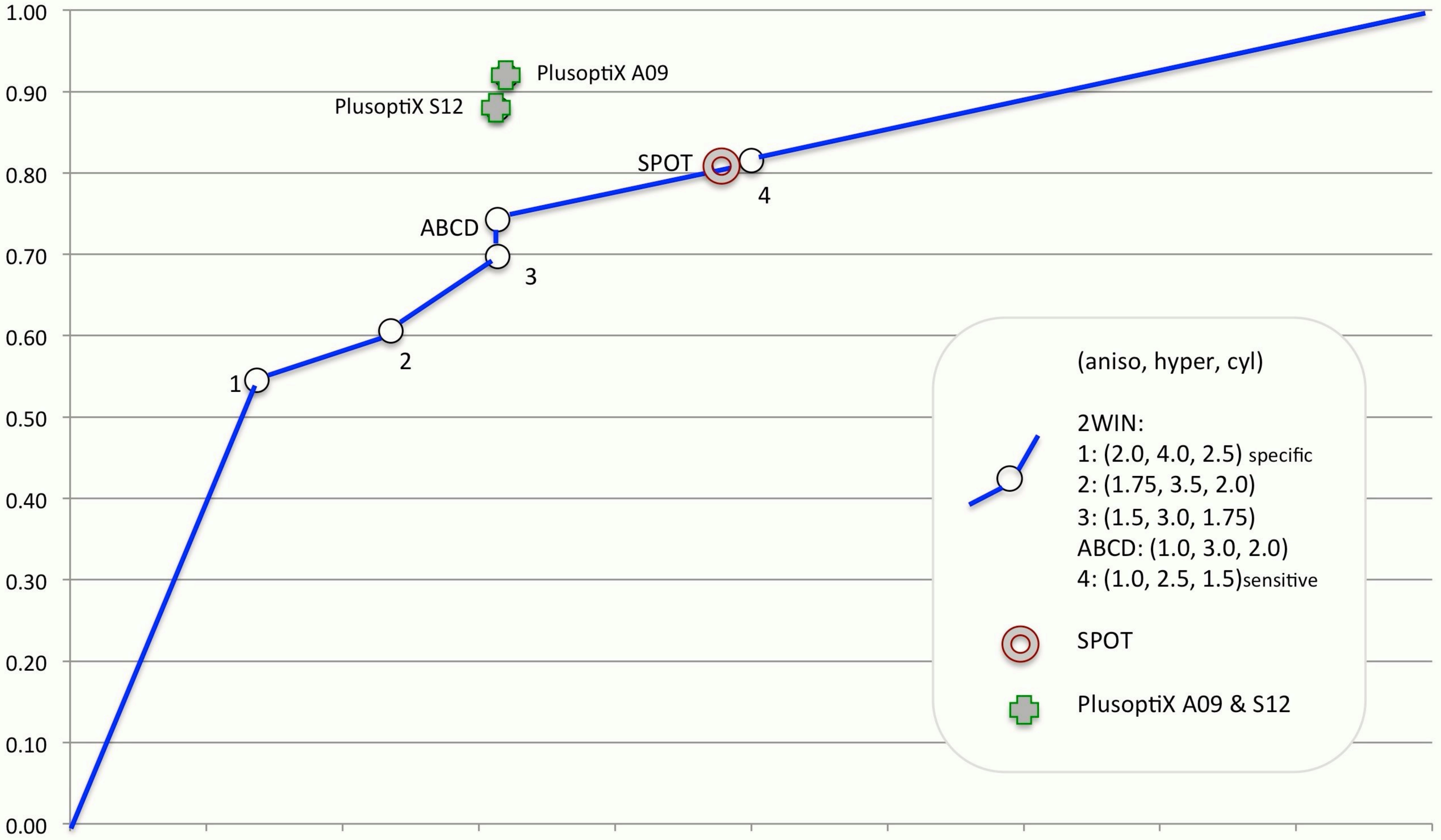
# Stephanie [Kirk] Arnold

Kirk S, Armitage MD, Dunn S, Arnold RW. Calibration and Validation of the 2WIN Photoscreener Compared to the PlusoptiX S12 and the SPOT. *J Pediatr Ophthalmol Strabismus*. 2014;51(5):1-4.





Sensitivity





# “CR” Function

Arnold SL, Arnold AW, Sprano JH, Arnold RW. Performance of the 2WIN photoscreener with “CR” strabismus estimation in high risk patients. *Am J Ophthalmol.* 2019;207:195-203.





# ROC Curve

