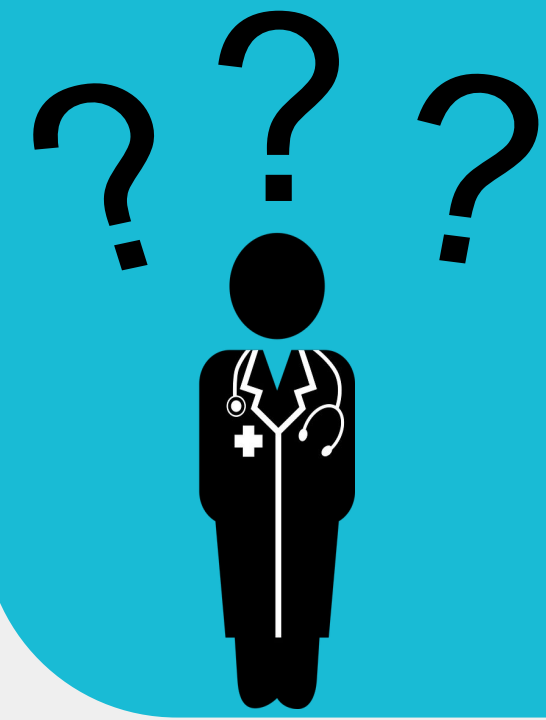


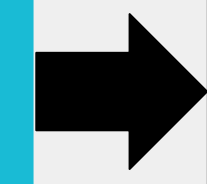
Tarsier

ECE 2017:
Erika Marmol,
Jessica Morales,
Jorge Anton Garcia,
Terence Tufour,
Andre C. Newland

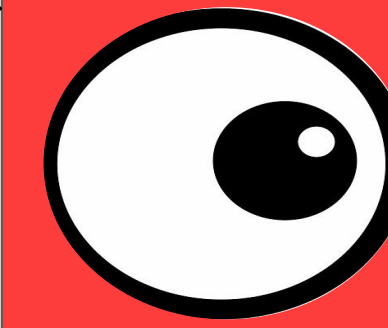
Problem



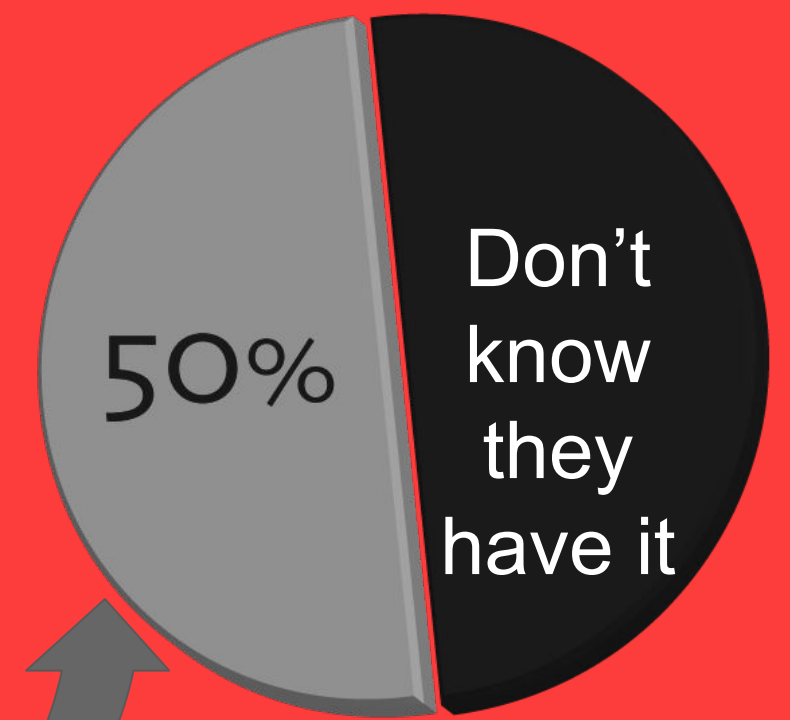
Patients need to wait up to **3 years** to receive a diagnosis for glaucoma



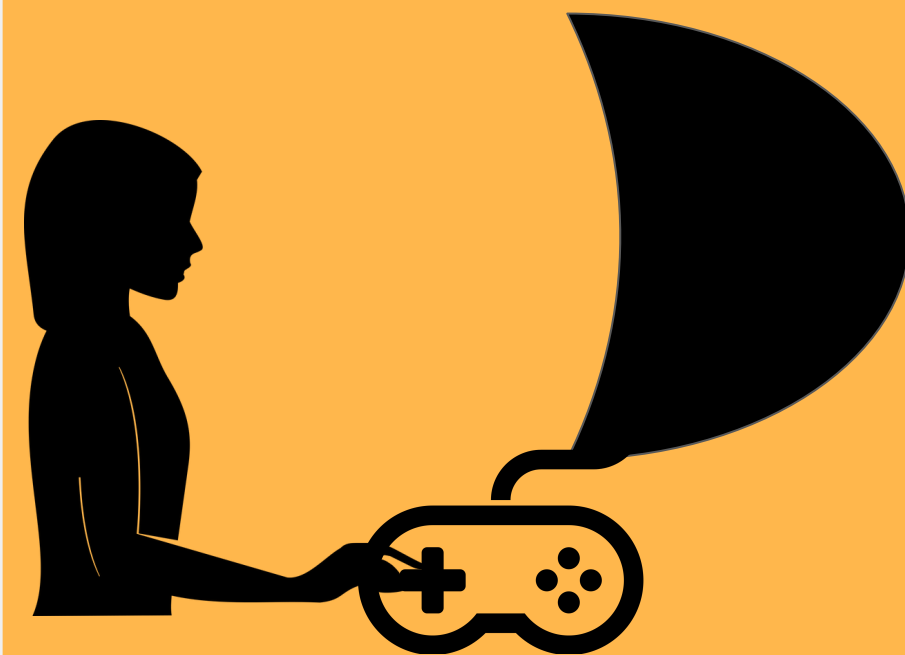
Effect



Vision loss at **10 times** the rate as the average person



Why?



The current solution operates like a video game. Patients click a button every time they believe they see a light.

Patient error



Variability

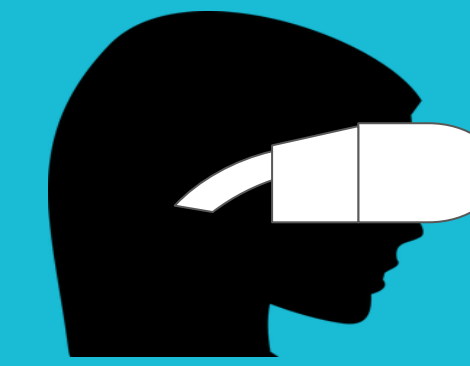


\$\$\$\$\$



High lifetime cost

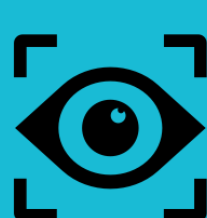
Our Solution



We use eye detection to eliminate patient error!



+



\$\$\$\$\$

=

Detection up to **3 years** earlier!

Tarsier

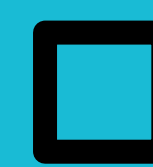
Where we are now?



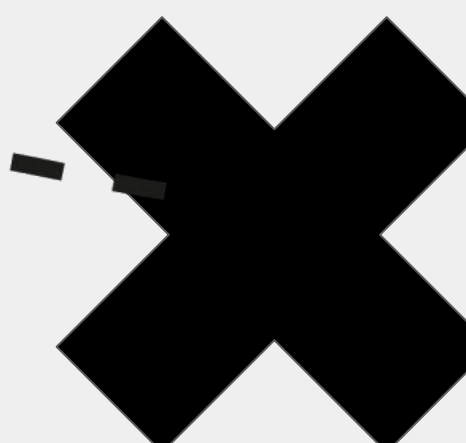
Won 1st Health / Life Science Track @ Tufts 100k New Ventures Competition



Win Ricci Milva Prize



Finish proof of concept and patent



We plan to change the world one pair of eyes at a time!