

Dual Handheld and video otoscopy unit

Date: 2/14/2025

Client: Dr. Lara Tomich & Dr. Amy Nechelason

Advisor: Professor Paul Campagnola

Team:

Sam Tan — Leader

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Problem statement:

The current designs of handheld otoscopes for animal practice do not allow video transfer to a distant view compared to a video otoscope, which is practiced differently in simulations. The goal is to design a handheld otoscope with video capabilities to allow student-performed examinations to be visualized to the faculty for assessments.

Brief status update

- Reports to journal, design modifications

Difficulties / advice requests

- N/A

Current design:

- Optical Fiber design

Empathize	x	x	x	x											
Background	x														
Prototyping	x														
Testings															
Deliverables															
Progress Reports	x	x	x	x											
PDS	x	x	x	x											
Prelim presentation				x											
Final Poster															
Meetings															
Client		x													
Advisor	x	x	x	x											
Website															
Update	x	x	x	x											

Filled boxes = projected timeline
X = task was worked on or completed

Previous week's goals and accomplishments

- Sam previous goal
 - Design modifications
- Bobby previous goal
 - Design modifications
- Aaron previous goal
 - Journal Submission research
- Andy previous goal
 - Journal Submission research
- Team previous goal
 - N/A

Activities

Name	Date	Activity	Time (h)	Week Total (h)	Sem. Total (h)
Sam					
Bobby					
Aaron					
Andy					

