

# Dual Handheld and video otoscopy unit

Date: 2/7/2025

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												
Background	x														
Prototyping	x														
Testings															
<b>Deliverables</b>															
Progress Reports	x	x	x												
PDS	x	x	x												
Prelim presentation															
Final Poster															
<b>Meetings</b>															
Client		x													
Advisor	x	x	x												
<b>Website</b>															
Update	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					

