

Title: Progress Report 2

Date: 02/06/2025

Client: Dr. Andrew Ross

Advisor: Dr. Megan McClean

Team:

Student 1: Ana Toscano

Student 2: Rini Anand

Student 3: Gabriela Cecon

Student 4: Sofia Yeates-Delahoz

Problem statement

Design and develop a prototype that securely supports, stabilizes, and precisely maneuvers needles during awkward, image-guided minimally invasive radiology procedures to enhance ergonomics, reduce operator fatigue, and improve accuracy and patient outcomes

Brief status update

Client meeting completed and Product Design Specifications completed.

Difficulties / advice requests

None to report.

Current design

This project is still in the research phase. There is no current prototype or design as of this week.

Materials and expenses

Currently, there are no expenses as the project is still in the preliminary research phase.

Item	Description	Manufac-turer	Mft Pt#	Vendor	Vendor Cat#	Date	#	Cost Each	Total	Link
Category 1										
									\$0.00	
									\$0.00	
Category 2										

Meetings															
Client		X													
Advisor	X	X													
Website															
Update	X														

Activities

Name	Date	Activity	Time (h)	Week Total (h)	Sem. Total (h)
Ana Toscano	1/30 - 2/06	- Worked on Product Design Specifications - Performed relevant research for PDS - Mediated client meeting	3	3	7
Rini Anand	1/30 - 2/06	- Worked on Product Design Specifications and researched relevant sources - Communicated with the client for the operation schedule & budget - Created entries for team/client/research meetings	3	3	7
Sofia Yeates-Delahoz	1/30 - 2/06	- Worked on Product Design Specifications - Performed research on applicable regulatory standards and patents for the PDS - Attended client meeting and took notes - Created notebook entry for previous advisor meeting	3.5	3.5	6.5
Gabriela Cecon	1/30 - 2/06	- Conducted additional research - Worked on the Product Design Specifications - Updated the project goals based on information from the client meeting	3	3	6