

MEETING MINUTES

Topic: Client Meeting

Wednesday, September 1st, 2021

10:30- 10:55am

Minutes recorded by ___Dallany Segura___

Meeting called by ___Dallany Segura___

Attendees: ___ Omid Asgari, Daniel Castano and Dallany Segura_____

Please bring: ___N/A_____

Table 1. Record of meeting.

10:30 am to 10:35 am	Overview of progress <ul style="list-style-type: none">• The team tried to complete CFD simulations, but it was very difficult to self-learn the program enough to produce helpful information• Omid agrees that a CFD may not be feasible due to the time constraints of capstone because he tried it over the summer and would often get error messages	Zoom
10:35 am to 10:50 am	Plan for fall semester <ul style="list-style-type: none">• The team introduces the idea of making a stent by hand using a fixture, heat treating it in an oven, and then run tests to produce meaningful data• What kind of data would be helpful for this project?<ul style="list-style-type: none">- Torsion of the stent because the stent should be flexible enough to go through a complex blood vessel- Stress test on the apexes of the stent to prevent this mode of failure- Test different wire diameters for stress-life cycles• Team will have to design and 3D print fixture• The BDL is open for testing of the device which will most likely be done with the rheometer	Zoom
10:50 am to end	Questions/Answers <ul style="list-style-type: none">• How do we produce the balloon portion of the device?<ul style="list-style-type: none">- Omid says that balloons are generally made by a manufacturer and take about 1-2 months- The production of a balloon may be out of the team's budget and time constraint, so this portion of the device should be tested analytically	Zoom

Table 2. Tasks Assigned.

Task	Person Assigned	Due Date	Date Complete
Design fixtures for the stent	Team	N/A	09/09/21
Reach out to machine solutions for more information about the manufacturing process of the stent	Dallany	N/A	09/09/21
Hardware review	Team	09/13/21	09/11/21