



Executive Summary

On 1/30, the team met to prep for meeting with Dr. Becker and Dr. Oman the next day.

Topic: Hardware Review

Thursday, January 1, 2020

HunterDaniel

KatherineRiffle

Kenyon Rowley

Agenda

The team will meet to discuss the agenda for their meeting scheduled tomorrow.

General Announcements

Hardware review due February 7, 2020.

Meeting Notes

The team met to discuss the design of the filter storage and securing the clean room hood.

Assignments

Katherine and Kenyon are finalizing the solidworks of the bench for the meeting. The bench frame needs to be widened to fit the filter and the tabletop needs to be designed to secure the clean room hood.



Executive Summary

Topic: Dr. Becker meeting

Friday, January 31, 2020

Kenyon Rowley

Hunter Daniel

Katherine Riffle

Agenda

General Announcements

Meeting Notes

Questions

All wood design? Becker suggested the metal frame with a polymer tabletop (formica, polymer sheets etc) storage made of wood or metal

Filter Storage? He liked the design under tabletop, make sure we put a coating so filter doesn't get scratched up.

Securing Clean room hood? Put wedges on outside of hood on tabletop

General Notes

- Wheels 6in diameter, make sure at least two can lock.
- Make sure reservoir and other devices fit.
- Test flow off tabletop material, use fluids with similar viscosity of blood
- Polycarb 98c rm 105
- Install gutter/tray to have fluid flow off tabletop and bucket
- Install trusses into frame to better support
- Look at macmaster for casters for wheels
- Becker wants x-ray space 3x3/2ft
- Wants entire storage space to be able to be moved out.
- From top of storage down to floor max 16in better if 14in

Assignments



Executive Summary

Topic: Hardware Review 1

Thursday, February 6, 2020

Kenyon Rowley

Hunter Daniel

Katherine Riffle

Agenda

General Announcements

Meeting Notes

Questions

- How to secure tabletop to frame
- Tabletop wedges
- How to secure storage
- Welding
- Filter supports

General Notes

Tabletop

- Only table tops \$300
- Tilt

Storage

- Home depot wood \$50
- Kenyon and Hunter

Wheels

- Kenyon knows \$ how to order
- Weld to frame

Steel frame

- Metals depot
- Stainless steel products hollow

Assignments