

Team Infection Protection

Meeting Agenda- 9/5/2018

Location: GJ Senior Design Suite

Time: 8:30 AM

AGENDA ITEMS

- I. Team Contract
 - a. Review
 - i. Organization and file sharing strategies
 - b. Finalized contract to be turned in on Thursday (9/6)

- II. Client Meeting
 - a. Organize for next week
 - i. Type of meeting- likely face-to-face
 - ii. Location/date/time
 - iii. Email clients and team- Dr. Crepeau: crepeau@uidaho.edu, Dr. Tanner: gtanner@uidaho.edu
 - b. Brainstorm key questions and project learning goals

ACTION ITEMS

- Print Team Contract, due tomorrow (9/6)
- Client interview organized for (date?) - Amy
 - o Send email and outlook invite

Meeting Agenda- 9/12/2018

Location: GJ Senior Design Suite

Time: 8:30 AM

AGENDA ITEMS

- I. Client Interview
 - i. NEED to find time that works for everybody, possibly next Tuesday
 - ii. Review important questions (we want ~20)
 - 1. Review any pertinent information found through research on the project subject matter that might help

- II. Budget draft
 - i. Due 9/13, but don't know budget until confirmed in client interview

ACTION ITEMS

- Organize and complete client interview by 9/25
- Draft a tentative budget using information from client interview
 - Continue project learning research (everyone)

Meeting Agenda- 9/19/2018

Location: GJ Senior Design Suite

Time: 8:30 AM

AGENDA ITEMS

- I. Client Interview recap
- II. Product Requirement Document
- III. Design Brainstorm, need ideas/drawings by next week
- IV. Draft of Project Timeline (to also be distributed to Dr. Tanner, Dr. Crepeau, Kysen), Budget

ACTION ITEMS

- Draft project schedule
- Draft a tentative budget using information from client interview
- Continue project learning research (everyone)

Meeting Agenda- 9/26/2018

Location: GJ Senior Design Suite

Time: 8:30 AM

AGENDA ITEMS

- I. Next Client Meeting, to discuss early design ideas, sketches
- II. Discuss/review working documents
 - a. Project Schedule
 - b. Product Requirement Document
- III. Reschedule next week's meeting? Dr. Maughan unable to make regular meeting time

Meeting Agenda- 10/1/2018

Location: GJ Senior Design Suite

Time: 12:30 PM

AGENDA ITEMS

- I. Review design sketches for client meeting
 - a. Review Kysen's sketches uploaded to OneDrive
- II. Look at catheters that we received
- III. Discuss Portfolio & Logbook due date for this week

ACTION ITEMS

- Prepare sketches to be reviewed and discussed at client meeting
- Prepare logbooks and portfolio material to be turned in on 10/4

Meeting Agenda- 10/1/2018

Location: GJ Senior Design Suite

Time: 12:30 PM

AGENDA ITEMS

- I. Snapshot recap
 - a. Ideas introduced by both visitors
- II. Pros/Cons of design features
 - a. Porous surface vs. Fish scales
 - b. Balloon vs. Mechanically deploying anchor
 - c. Flush of full system (urethra & bladder) or just limit to urethra to avoid introducing infection to bladder?

Meeting Agenda- 10/17/2018

Location: GJ Senior Design Suite

Time: 12:30 PM

AGENDA ITEMS

- I. Prototyping materials- update on shipment arrival date
 - a. Plan time to test material/begin first prototype
- II. Design Validation Plan (due Thursday 10/18)
- III. Testing plan
 - a. Catheterization dummy vs. Urethra surrogate, etc.
 - b. Goal to acquire testing equipment: 11/16 (from schedule)
- IV. Discuss design review, schedule it for before 11/16

Meeting Agenda- 10/24/2018

Location: GJ Senior Design Suite

Time: 8:30 AM

AGENDA ITEMS

- I. Review first prototype decisions/progress
- II. Testing equipment ideas
 - a. Urinary tract dummy
 - b. Hydrogel material urethra
- III. Upcoming Design Review

Meeting Agenda- 10/31/2018

Location: GJ Senior Design Suite

Time: 8:30 AM

AGENDA ITEMS

- I. Update on prototyping process
- II. Possible move to mold process instead of dip
- III. Wiki page
- IV. Design Review

Meeting Agenda- 11/1/2018

Location: GJ Senior Design Suite

Time: 3:30 PM

AGENDA ITEMS

- I. Materials needed for prototyping
 - a. Wire for channels (fishing line, wire, etc.)
 - b. Tube/pipe for urethra surrogate (tygon, silicon, etc.)
- II. Mold option
 - a. Get water soluble 3D print material
 - b. Test out material in small "mold"
- III. Wiki Page draft due
- IV. Send clients an update on progress, scheduling first design review

Meeting Agenda- 11/7/2018

Location: GJ Senior Design Suite

Time: 8:30 AM

AGENDA ITEMS

- I. Prototyping progress/next steps
- II. Concept Design Review

Meeting Agenda- 11/28/2018

Location: GJ Senior Design Suite

Time: 8:30 AM

AGENDA ITEMS

- I. Scheduling meetings for next semester
- II. End of semester deliverables
 - a. Snapshot
 - b. Logbooks
 - c. Portfolio
- III. 3D printing plans

Meeting Agenda- 12/5/2018

Location: GJ Senior Design Suite

Time: 8:30 AM

AGENDA ITEMS

- I. Prototyping- 3D printing
- II. Next semester's meeting schedule

Meeting Agenda- 1/17/2019

Location: GJ Senior Design Suite

Time: 10:45 AM

- I. Women in Engineering
- II. EXPO registration- due Tuesday
- III. Prototyping
 - a. Scaled up model printing
 - b. New material for mold

Meeting Agenda- 1/28/2019

Location: GJ Senior Design Suite

Time: 1:30 PM

- I. Working 3d print prototype
- II. Changes to mold process
- III. Amy- Simulation in Dr. Martin's lab
- IV. Upcoming presentations
 - a. SWE
 - b. Design Release

Meeting Agenda- 2/4/2019

Location: GJ Senior Design Suite

Time: 1:30 PM

- I. Prototype
- II. Flow Simulation
- III. Presentation outline

Meeting Agenda- 2/11/2019

Location: GJ Senior Design Suite

Time: 1:30 PM

- I. Prototype
 - a. Mold with ABS is much better and smoother
 - b. Using new smooth on material tomorrow to test it in the mold
- II. Engineering Release Review on Wednesday

- a. Changes to be made to slides
- b. Practice presentation tomorrow

Meeting Agenda- 2/20/2019

Location: GJ Senior Design Suite

Time: 1:30 PM

- I. Mold Prototype
 - a. Success with new material
 - b. What to do next- smooth ABS?
- II. Testing progress
 - a. Dye testing tomorrow
 - b. Bacteria activated
- III. Presentation- Friday

Meeting Agenda- 2/25/2019

Location: GJ Senior Design Suite

Time: 1:30 PM

- I. Prototyping
 - a. Mold for "control"
 - b. Mold for contingency design
- II. Bacteria flush test
 - a. Environment setup- need plan & equipment this week

Meeting Agenda- 3/4/2019

Location: GJ Senior Design Suite

Time: 1:30 PM

- I. Bacteria testing
 - a. Control catheter
 - b. Test environment
- II. Insertion testing plan & strategy
- III. Engineering model to confirm no trauma to urethra
- IV. Spring Break plans
 - a. Deliverables due 3/5 - citizenship, portfolio, wikipage

Meeting Agenda- 3/18/2019

Location: GJ Senior Design Suite

Time: 1:30 PM

- I. Bacteria testing- in progress
 - a. Need agar for final result test?
- II. Insertion Test strategy
- III. Dr. Shiele's suggestions for understanding effects on urethra

Meeting Agenda- 4/1/2019

Location: GJ Senior Design Suite

Time: 1:30 PM

- I. Entrepreneurship Pitch recap
- II. Bacteria Test progress, results?
- III. Insertion Test plans this week
- IV. EXPO preparation

Meeting Agenda- 4/8/2019

Location: GJ Senior Design Suite

Time: 1:30 PM

- I. Bacteria test, progress
 - a. Results this week
- II. Insertion test update
- III. EXPO preparation

Meeting Agenda- 4/15/2019

Location: GJ Senior Design Suite

Time: 1:30 PM

- I. Insertion test progress/results
- II. Final, fully functioning prototype with desired material
- III. Presentation draft