

Official Team Meeting #2, September 14, 2020
Minutes From Meeting

Attending

- Jett Murray
- Ryan Crowell
- Maclean Landis
- Lucas Dibelius
- Dr. Perry

Minutes

SAPA quiz completed

Logbooks started

- Lucas will reach out to his neighbor who worked on the project last year and ask about the constraints of the project; he also started reading up on knee surgery

Individual Tasks

- **Ryan's budget questions for Dr. Perry, meeting minutes are due tonight, budget template due Thursday, project portfolio next week**
- **Maclean + Lucas will attend shop use training, Excel sheet is up with portfolio, excel invite will be sent to all team members**
- Lucas is meeting with last year's team to figure out wiki page details, will begin working on a live document

Client Questions

- Most important changes/improvements for device?
- What expectations do you have for design improvements?
- What kind of curve would Dr. Hiller like the device to have?
- What specific surgeries will the device be used for?
- How might we push the device to *in vivo* testing and garner response data?
- What will medical approval will need to be garnered for production?
- How much suction was needed to remove debris?
- Is the device head meant to be reusable or should it be replaceable?
- Will it need to be disassembled for autoclaving?
- Will curve need to be adjustable or should modular heads be used?
- Should it be ready for patent/commercialization?
- What can we expect the budget to be used for?
- What are some current shaver models that are on the market?
- What are some materials you recommend/don't recommend?
- How much torque should the device have?
- Could we discuss product requirements next week/tonight?
- What RPM operating range should we utilize?
- How long should the battery last/what length of surgery should this be designed for?
- What design tolerances are strict?

- What is the maximum debris size for the suction device?
- Where have arthroscopic tools failed before/what do we want to make sure does not happen?
- How often would you like to meet with us?