**Preplanning**

* Go over the current solution
  + Ask about the need for an air vent
  + Ask about what type of needles they have or see if they could send us what brand of needles they have
  + Show the filter cage and say how there is a metal mesh
* How do we plan to change the current solution
  + Increase the diameter of the chamber
  + Twist and lock with silicone bumper for air tightness
* Go over the testing plan
  + Ask for advice on doing the community comfortability survey

**Meeting Notes with Joanie and Anne 11/3/2024**

Design

* shared design with stl files
* asked material - biomed resin, biocompatible, autoclavable
* confused about filter part - explained
* We dont have air vent - do you guys use it
  + Guess - get rid of air bubbles
  + ask lab guy they will be working with in salima what the air vent is for
  + asked nurse - too modern based on how they do it \
  + Maggie and matthew would know better - so will lab guys
    - she will send message to him
  + Put pictures of what we have right now in the group, she will send message to lab guys
* Talked about threaded components and issues we are worried about in the future pertaining to thread wear over time
  + liked the idea of making a slot connection and wanted to see what that would look like
  + Plan to do that in next prototype
* they asked if we have a way to modulate the flow
  + we have flow regulator, ok with design being the same
* asked about connection to needle, what does it look like there?
  + needles available
  + asked for pictures from them
* they asked if theres any part of system thats disposable
  + needle
* they asked how long is the tubing
  + 3-4 feet
  + based on standard sizing

Testing

* explained testing plan
* going to forward the testing metrics to them
* could ask them, translate, load them onto google doc
* on the ground they can print out survey, have patients answer questions when tyey come through the clinic
  + have a high volume clinic
* transfer, fill in on paper, put it back into google form for answering
* surveys
  + community members
    - comfort, don’t want to intimidate them
  + nurses
    - ease of use
  + one prior to any sort of use - ease of use, how does it feel, what does it look like
  + actual use = be different and more rigorous
  + Feedback from nurses for actual use
  + Patients be minimally frightened by the device
  + nurse - before using it and after using it survey
* Just got wifi and computers to facility - fast for staff (also english speaking) → make survey taking easier

Notes to update things from them

* Have 2 surveys for nurse
  + before use (autoclaving, ease of use)
  + using for patients
* is blood tested before it touches our set → yes
  + get packed RBCs
  + giving blood, do basic testing
    - HIV, HEPB, HEPC, hemoglobin