

hold in multiple fingers with latex glove that houses any additional hardware flat beneath the fingers

- fit in flex sensors beneath fingers
- add a compartment on the glove to house pulley system
- will be easy to transport when electronics are held inside, wires can easily be inside or outside glove depending on comfort.
- maybe not latex... but cloth! or a breathable cloth that doesn't feel too warm / make the user overly heated... a thin glove? But the material should be strong enough to hold ~~at~~ the device....
- ↳ we could have an enclosed part of the glove so that sanitization could happen easily during a visit to the therapist

Create an app to monitor usage, progress, and allow patients to communicate with therapists

- We can implement our potential app software into existing healthcare apps like MYUCDavis or EPIC
- Make it like a game

- Can be remotely viewable by physical therapists so they can view progress remotely.

- being able to communicate with the therapist with the device is a great idea. that way they don't need to make a visit if they have any questions / progress check

Very high weight to strength ratio to make it a safe and effective rehab option

- Use hypoallergenic & biodegradable materials to provide comfort, hardware will add weight

- Create program to set comfortable ranges for fingers
- Maybe a calibration system upon first use that can verifiably change overtime.

- water proof glove.

↳ Comfortability and wearability should be crucial

This is a great idea. There could be a sensor doctor view and a patient view of the data. Making it a good feels unnecessary.