

Week 8 Report

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Client: Mary Tarzon, Assistant Athletic Trainer, Washington University in St. Louis

11/10/2017

- This week, we met with Mary Tarzon to discuss our current solutions. She liked many of our ideas.
- We continued to brainstorm
 - Here is a list of our current possible solutions:
 1. Assistive Achilles device
 2. Wearable LLLT device
 3. LLLT “pen”
 4. Ultrasound device
 5. Sock with heating
 6. Personal massage device
 7. Wearable E-stim
 8. Topical ointment to increase blood flow
 9. “Viagra: for your achilles- affects NO pathway
 10. Passive massage device, could be heated
 11. Automatic graston
 12. Heat tape
 13. Automatic stretch machine (eg for eccentric heel drops)
 14. Electric foot bath
 15. High glucose diet bar
 16. Cupping for achilles
 17. Adhesive massage device
 18. Mobile repository of athletic training
 19. Rehab app
 20. Achilles scanning device for custom acupuncture or wearable device
 21. Robotic assistive device
 22. Synthetic tendon prosthetic
- We divided up solutions to research, so we can fill out the Pugh chart.
- We have an appointment to meet with Dr. Holtzman Friday (11/10) morning.
- We made a schedule of times to meet before Thanksgiving.