

Above-Elbow BCMF prosthetic arm Manual

By Queens Biomedical Innovation Team, the Perk Lab and the Med-I Lab.

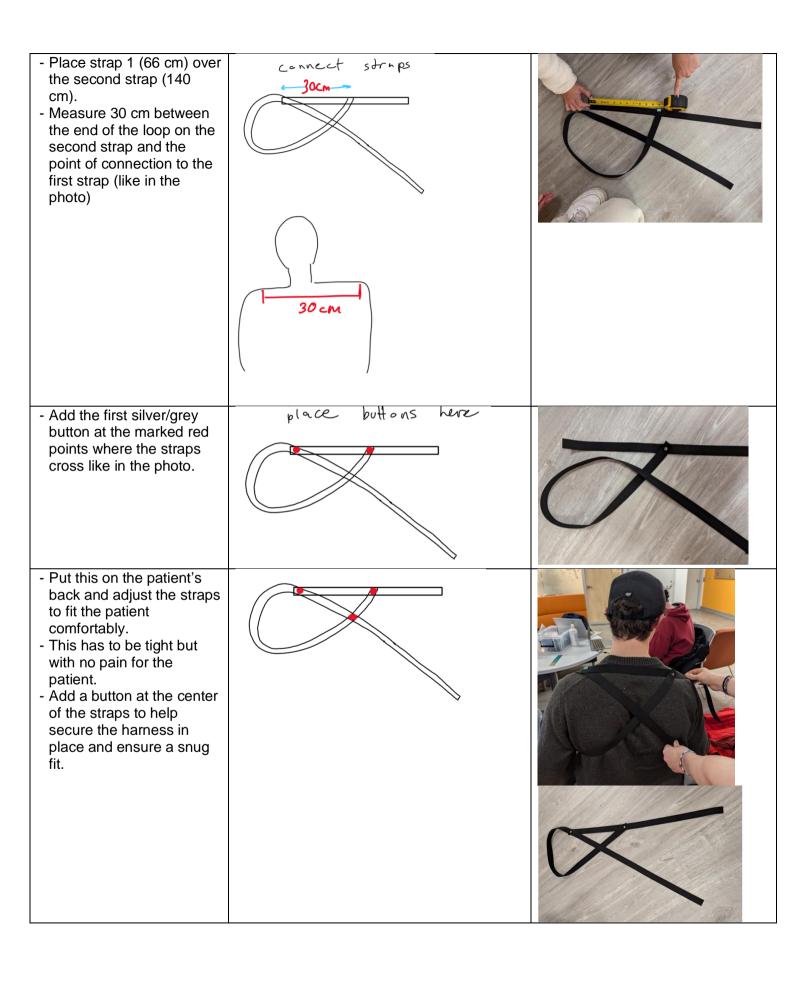


Pieces to 3D print

- 1. Gripper Hand and thumb
- 2. Wrist bolt
- 3. Kwawu 2.0 modified forearm
- 4. Shoulder

How to Assembling the Harness

Instruction	Drawing	Photo Example
 Cut two black straps One strap should be 66 cm, and the second strap should be 140 cm Lay strap 1 (66cm) flat on the ground Take the second strap (140 cm) and make a loop by crossing it over itself 	Cut 2 straps (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	



 Attach this blue section onto the shoulder with a silver button There are 2 holes in the shoulder, please put it on the front one 	
 Drill a hole in the forearm to attach the purple section to it with a button Test this with a patient to see where it is the best to drill a hole to move the arm. 	