MyoUP dataset

Nikolaos Tsagkas

University of Patras

Set 1

Basic finger movements

	1. Index finger flexion
	2. Index finger extension
	3. Ring finger extension
	4. Thumb extension

5. Thumb flexion

Set 2

Isometric and isotonic hand configurations

	1. Thumb up
	2. Extension of index and middle finger
	3. Extension of index, middle finger and thumb
	4. Abduction of fingers with thumb flexion

	### 5. Abduction of all fingers
	### 6. Fist
	### 7. Pointing with index finger
	### 8. Adduction of fingers

	9. Wrist extension
	10. Wrist flexion

11. Wrist extension (right)

12. Wrist flexion (left)

Set 3

Grasping hand-gestures

	1. Medium diameter grasp
	2. Ring grasp

3. Prismatic four-finger grasp

4. Stick grasp

5. Writing grasp