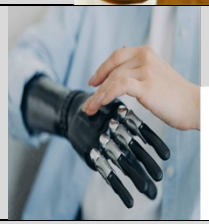
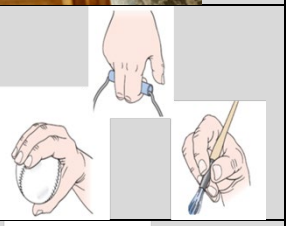
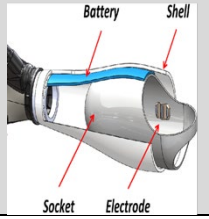
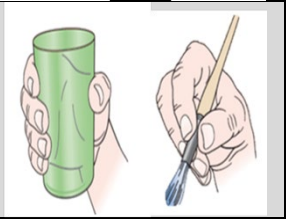
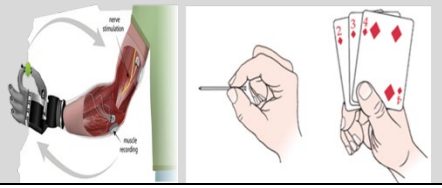
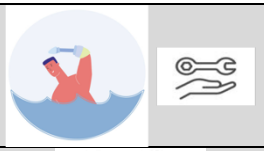
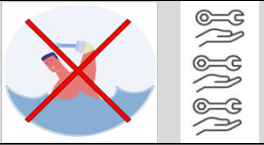
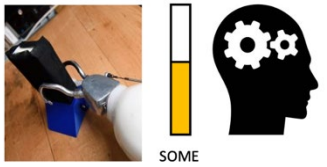
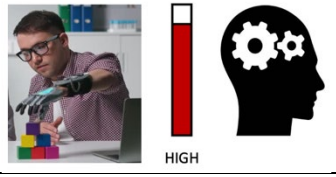
ADDITIONAL INFORMATION (FOR REFERENCE ONLY)

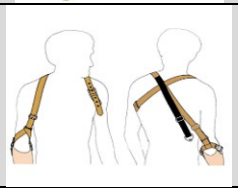
Instructions: Upper Limb Loss/Difference

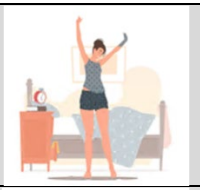
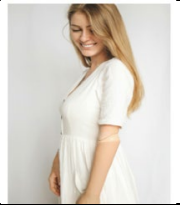
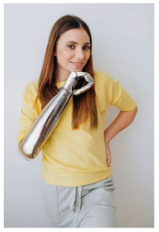
- There are various user complexities for UPPER LIMB prosthesis available with both perceived good and bad features.
- We will show you two choices at a time, multiple times, each with a combination of different features.
- Please choose which combination of UPPER LIMB prosthetic device features, collectively, you would prefer each time (Option 1 or Option 2).

There is no right or wrong answer.

	Text on Online Survey		Additional Information	
#	Features		Longer Description	Images
1	**Functional Usefulness and Device Control**	Supports but not grip objects, doesn't move under my control	Device allows you to support objects but does not grip objects. Supports/stabilizes objects with my other hand but does not move under my control.	
		Open/close grip motion only, moves with physical force from shoulder	Device allows you strong open and close grip motion only, without other more precise motions. Moves with physical force from shoulder, elbow, chest.	
		Perform power grip and some precision functions by pushing/pulling switches	Device allows you to perform power grip functions (hold a glass, hook fingers to hold bucket, hold a ball, make a fist, and use hand tools) and some defined precision uses. Controlled by pushing or pulling switches on device to make prosthetic movement.	 
		Perform power grip and more precision functions by using learned muscle contractions with electrodes in socket	Device allows you to perform power grip functions (hold a glass, hook fingers to hold bucket, hold a ball, make a fist, and use hand tools) and more defined precision uses. Moves through learned muscle contractions using battery-powered electrodes in the socket.	 

		Pick up small objects with most accurate precision with surgically implanted battery-powered electrodes	Device allows you to pick up small objects with best precision (fine motor: pick up coin from table, braid hair, and pinch to hold a pencil and use a key). Surgically implanted battery-powered electrodes for most consistent control of an electric prosthesis movement.	
2	**Device Weight Comfort Experience**	LOW device weight, Comfort all day	Low device weight so I can wear all day with comfort.	
		MODERATE device weight, Notice it is on	Moderate device weight so that I notice I have it on.	
		HEAVY device weight, Need breaks from using it	Heavy weight device so that I want to take breaks from using it.	
3	**Durability/Repair Times**	Very durable. Takes all environments. Few repairs	Very durable, takes all environments, is mostly waterproof, needs few repairs.	
		Moderately durable. Handle with care. Some repairs	Moderately durable, must be somewhat careful with it, with some repair needs.	
		Very delicate. No dirty/wet environments. Frequent repairs.	Very delicate, best to avoid all dirty or wet environments, must expect somewhat frequent repairs.	
4	**Amount of Concentration and Energy to Use Device, even with Training**	Little concentration to use	Requires very little concentration to use device even with training.	
		Physical effort & some concentration to use	Requires physical effort and some concentration to use/move even with training.	
		High concentration to use	Requires high concentration when using/moving device even with training.	

5	**Connection of Arm to Body**	Natural motion connection, low infection risk & osseointegration surgery	Provides natural motion connection but with a low infection risk, as device is surgically anchored to bone permanently through osseointegration.	
		Good fit, but difficult to get on and off using suction/anatomical self-suspension	Provides a good fit, but can be difficult to get on and off, using suction suspension/anatomical self-suspension to skin or liner.	
		Tight fit, easy to get on and off, but unstable socket rotation, skin rubbing & added bulk	Provides tight fit that is easy to get on an off, but with some unstable socket rotation, skin rubbing & added bulk using a pin lock or lanyard connection with gel liner.	 
		Simple, easily attach via harness, but motion restrictions, rubbing, & body fatigue	Provides simple harness to easily attach device, but motion is restricted & might rub and make your body tired.	
6	**Training and Practice Required for Successful Use of Device**	VERY LOW training or practice required	VERY LOW training or practice required: mostly learn on your own.	 VERY LOW Training Required
		LOW training or practice required	LOW training or practice required: weekly for 2 months.	 Weekly for 2 Months
		MEDIUM training or practice required	MEDIUM training or practice required: weekly for 4 months.	 Weekly for 4 Months
		HIGH training or practice required	HIGH training or practice required: weekly for 6 to 12 months.	 Weekly for 6 to 12 Months

7	**Life Goals for Using 2 Hands, Including Device**	Accomplish daily activities more easily with 2 hands	Device allows me to accomplish daily activities more easily with 2 hands, like getting ready in the morning/dressing.	
		Perform activities that are difficult to do without 2 hands	Device allows me to do activities that are hard to do without 2 hands, like independently cook dinner, carry heavy bags, do yard or housework, and function easily at school or work.	
		All daily life and work tasks, plus additional attachment for sport/art/social activity	Device allows me to do all daily life and work tasks, plus an additional 2nd attachment for sport/art/social activities important to me.	
8	**Noticeability of Device**	People notice and comment on how high-tech looking my device is.		
		Doesn't matter what others think of my device as long as I like it.		
		Blends in and those around me don't notice my limb loss and/or device.		
		Device expresses my personal style		

9	**Your Out-of-Pocket Cost**	$1,200	$
		$5,000	$$
		$10,000	$$$
		$80,000	$$$$