

Myoelectric vs Body-Powered Upper Extremity Prostheses

The summaries are organized in three levels depending on the detail of information. The overview table (Level 1) lists all the relevant publications dealing with a particular product (topic) as well as researched categories (e.g. pain, grip pattern, activities, etc). The Level 2 summaries list all relevant information on the device concerning a specific category (e.g. pain, grip pattern, activities, etc.).

For those interested to learn more about individual studies, the Level 3 summaries give a compact and concise summary of the relevant reference

Reference		Category								Prosthesis	
		Body Functions		Activity		Participa- tion	Others				
Author	Year	Mechanics	Pain	Grip patterns Force	Manual dexterity	ADL	Satisfaction QoL	Training	Technical aspects		
<u>Johansen</u>	2016						x				myoelectric, body-powered, passive prostheses
<u>Carey</u>	2015		x			x	x	x	x		myoelectric, body-powered prostheses
<u>Razak</u>	2014						x				biomechatronics wrist prosthesis, body-powered prosthesis
<u>Ostlie</u>	2012					x	x				myoelectric, body-powered, passive prostheses
<u>Kooijmana</u>	2000		x								myoelectric, body-powered, passive prostheses
<u>Millstein</u>	1986					x	x				myoelectric, body-powered prostheses
<u>Stein</u>	1983				x	x					myoelectric (Ottobock 6V), body-powered prosthesis
<u>Northmore-Ball</u>	1980					x	x			myoelectric, body-powered prostheses	
Total: 8		0	2	0	1	5	6	1	1		