Training with 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	Target Group
		Body Functions		Activity			Participation	Others			
Author	Year	Mechanics	Pain	Grip patterns Force	Manual dexterity	ADL	Satisfaction QoL	Training	Technical aspects		
Lee	2022						x			Employment status: Myoelectric. Body-powered, Passive/hybrid/recreational	Amputees
Ortiz-Catalan	2016		x							Machine learning, augment reality and gaming	Amputees
Bouwsema	2014							x		Myoelectric simulator - MyoHand VariPlus Speed	Able-bodied participants
Bouwsema	2014							x		Myoelectric simulator - MyoHand VariPlus Speed	Able-bodied participants
Romkema	2013							x		PAULA software connected to MyoBoy	Able-bodied participants
Bouwsema	2012	x		x						Dynamic Mode Control hands, Digital hands, Motion control	Amputees
Bouwsema	2010							x		Virtual hand – PAULA, Myoelectric simulator, Table-top hand	Able-bodied participants
Bouwsema	2010	x								Mechanical elbow, Digital Twin hands	Amputees
Bouwsema	2008							x		Body-powered and Myoelectric simulator	Able-bodied participants
Total Number: 9		2	1	1	0	0	1	5	0		