

C-Leg vs Competitors' MPKs Study Summaries

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. level walking, safety, activities, etc). The Level 2 summaries list all relevant information on the device concerning a specific category (e.g. level walking, safety, 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									
			Functions and Activities								Participation	Environment
Author	Year	Products	<u>Level Walking</u>	<u>Stairs</u>	<u>Ramps, Hills</u>	<u>Uneven ground Obstacles</u>	<u>Cognitive demand</u>	<u>Metabolic Energy Consumption</u>	<u>Safety</u>	<u>Activity, Mobility, ADL</u>	<u>Preference Satisfaction QoL</u>	<u>Health economics</u>
<u>Campbell</u>	2020	C-Leg, Rheo, Orion, Plié,							x	x	x	
<u>Bellmann</u>	2018	C-Leg 4, Rheo Knee XC	x	x	x				x			
<u>Thiele</u>	2018	C-Leg 4, Rheo Knee 3, Plié 3	x									
<u>Thiele</u>	2014	C-Leg, Orion, Plie 2.0, Rel-K	x									
<u>Wolf</u>	2013	C-Leg, Power Knee								x		
<u>Wolf</u>	2012	C-Leg, Power Knee		x	x							
<u>Highsmith*</u>	2011	C-Leg, Power Knee, Mauch SNS								x		
<u>Blumentritt</u>	2010	C-Leg, Rheo, Adaptive 2		x					x			
<u>Bellmann</u>	2010	C-Leg, Hybrid Knee, Adaptive 2, Rheo	x	x	x			x	x			

<u>Bellmann</u>	2009	C-Leg, Rheo, Adaptive 2, Hybrid Knee	x	x					x			
<u>Chin</u>	2006	C-Leg, Intelligent Prosthesis						x				
<u>Johansson*</u>	2005	C-Leg, Rheo, NMPKs	x					x				
Total number: 12 *C-Leg vs Competitors MPKs and NMPKs			6	5	3	0	0	3	5	3	1	0