

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). By clicking on individual categories, a summary of all the literature dealing with that category will open (Level 2).

For those interested to learn more about individual studies, a summary of the study can be obtained by clicking on the relevant reference (Level 3).

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>	Preference Satisfaction QoL	Health economics
Herrin	2025	C-Leg 4, Power Knee, Rheo	x	x	x	x		x		x	x	
Campbell	2020	C-Leg, Rheo, Orion, Plié							x	x	x	
Bellmann	2018	C-Leg 4, Rheo Knee XC	x	x	x				x			
Morgenroth	2018	C-Leg			x							
Thiele	2018	C-Leg 4, Rheo Knee 3, Plié 3	x									
Thiele	2014	C-Leg, Orion, Plie 2.0, Rel-K	x									
Wolf	2013	C-Leg, Power Knee								x		
Wolf	2012	C-Leg, Power Knee		x	x							
Highsmith*	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: 14			7	6	5	1	0	4	5	4	2	0
*C-Leg vs Competitors MPKs and NMPKs												