

Overview of Non-microprocessor Controlled Knees

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 in learning more about individual studies, the summaries (Level 3) provide a concise synthesis of the respective references.

Reference		Category										Product
		Functions and Activities								Participation	Environment	
Author	Year	Level Walking	Stairs	Ramps, Hills	Uneven ground, Obstacles	Cognitive demand	Metabolic Energy Consumption	Safety	Activity, Mobility, ADL	Preference, Satisfaction, QoL	Health economics	
<u>Kannenberg*</u>	2025	x	x	x	x		x	x	x			
Monocentric												
<u>Köhler</u>	2016	x										3R95
<u>Geil</u>	2014	x										3R38
<u>Geil</u>	2013	x										3R38
<u>Geil</u>	2010	x										3R38
Polycentric												
<u>Taheri</u>	2012	x										3R20
Rotational												
<u>Ochoa-Diaz</u>	2020	x										3R80
<u>Silver-Thorn</u>	2009	x								x		3R80

<u>Squella</u>	2018	x	x	x	x		x	x	x	x		3E80
Total number: 9		9	2	2	2	0	2	2	2	2	0	
* systematic review												