

# BiOM / Empower Ankle 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	<u>Level walking</u>	<u>Stairs</u>	<u>Ramps, hills</u>	<u>Uneven ground, obstacles</u>	Cognitive demand	<u>Metabolic Energy Consumption</u>	Safety	<u>Activity, mobility ADL</u>	<u>Preference, satisfaction, QoL</u>	Health economics
<u>Cacciola</u>	<u>2022</u>								x	x	
<u>Wurdeman</u>	<u>2019</u>								x		
<u>Gardinier</u>	<u>2017</u>	x					x				
<u>Rábago</u>	<u>2016</u>			x							
<u>Russell Esposito</u>	<u>2016</u>	x		x			x				
<u>Grabowski</u>	<u>2013</u>	x									
<u>Gates</u>	<u>2013</u>				x						
<u>Ferris<sup>1</sup></u>	<u>2012</u>	x							x	x	
<u>Aldridge</u>	<u>2012</u>		x								
<u>Morgenroth<sup>1</sup></u>	<u>2011</u>	x									
<u>Herr</u>	<u>2011</u>	x					x				
<b>Total number: 11</b>		<b>6</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>0</b>
<sup>1</sup> Empower predecessor											