

Ottobock microprocessor knee systems*

Advantages	Genium	C-Leg
Highest degree of stability when walking on uneven surfaces and when moving in multiple directions	X	
High degree of stability	X	X
Ability to walk backwards	X	
Ability to intuitively lock knee without using a remote or flexing the knee to initiate the lock	X	
Ability to traverse obstacles and ascend stairs step over step	X	
Improved ability to walk with decreased muscular effort on level surfaces and uneven terrain	X	
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Ability to lock the prosthesis using a remote	X	X
Improved ability to ascend shallow ramps and hills	X	
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Increased confidence on uneven terrain	X	X
Fewer falls with stumble recovery and default stance resistance	X	X
Ability to descend ramps, hills and stairs step over step	X	X
Ability to change mode via remote for specialized activities, such as biking and golf	X	X
Automatic minimizing of impact stresses to hip and lower back throughout the gait	X	
Reduced impact stresses to hip and lower back	X	X
Ability to make abrupt changes to cadence or walking speed with minimal compensations	X	X
User must have ability or potential to be a variable-speed walker	X	X
User-adjusted settings	X	X

Other activity modes	5	2
Weight limit (in pounds)	330	300
Battery life	5 days	48 hours

*Some factors vary by user, input, socket or foot.