

Korrekturhinweise

Robotic legs for wheelchair users

	akzeptiert	nicht akzeptiert
0	<i>walk again</i>	
1	robotic legs a leg a pair of legs an robotic leg legs normal feet pair of robotic legs real feet robotic legs two robotic legs	a asistent a pair of robotic a person a robot a robot with joystick a roboter a wheelchair go up/ down steps muscles REX stand and walk steps stand, walk and go the Robotic Exoskeleton to stand and walk walk upstairs
2	employment recreational activities a normal life accessing places independently going places independently an employment employment employment and activities employment and reaching places freetime activities getting employed go places previously inaccessible go to places inaccessible his independent life increasing opportunities for employment job employment jobs and free-time activities managing his life moving around, even upstairs places where previously inaccessible recreational activities walking down steps	daily activities (<i>too vague</i>) day basis doing usual things (<i>too vague</i>) filling the day (<i>too vague</i>) his daily life his day basis his life increasing opportunities life (<i>too vague</i>) more options moving moving his feet moving to other places (<i>The concept of "to otherwise inaccessible places" is missing.</i>) options on a day walking walking around (<i>The concept of "independently" is missing.</i>) went out
3	any external help aid from others any help any support anybody helping them anybody assisting them being helped from other external aid external help help	a control padel a joystick any other devices any problems (<i>too vague</i>) changing the device correct working legs doubt from other persons issues problems (<i>too vague</i>) some obstacles their feet

	<p>help from another person help from anybody help from other people help of other people helping of other people needing help other help other people somebody moving them the help of others the need of help</p>	<p>there feeds</p>
4	<p>mothers are in wheelchairs</p> <p>mothers also got wheelchairs mothers are using wheelchairs mothers are wheelchair-users mothers had a wheelchair mothers have wheelchairs mothers in wheelchair mothers needed wheelchairs mothers sit in wheelchairs mothers use wheelchairs mothers were wheelchair users</p>	<p>are in wheelchairs boss is using one have many patients help included in the project joystick and control pad legs are expensive obstacles patients product is no replacement product isn't available anywhere product was difficult self-image wheelchair offers option wheelchair users mother is in wheelchair (<i>text talks about both mothers</i>)</p>
5	<p>operate hand controls self-transfer</p> <p>control the joystick control their hands handle their hand movements move their hands operate hand controls operate with hand controls self-transfer self-transfer and controls self-transfer and operate self-transfer from the wheelchair self-transfer themselves self-transfer themselves transfer themselves use a joystick use their hands using a joystick</p>	<p>control their movements ensure their general health go alone pay enough powered by a lightweight product isn't an alternate reducing the complications the able to stand to afford it (<i>not in the text</i>)</p>
6	<p>their mobility their quality of life</p> <p>a better health health long-term health mobility quality of life benefits self-image social interaction</p>	<p>alternatively at their job her skills his skills how to walk muscular self-transfer the alternative to wheelchair their muscles their skills</p>

	social interaction and self-image social interection social problems the quality of life the social interaction their health their life quality their live quality their long-term health their physical condition their self image	their skills with REX to stand up walking
7	once a day after a typical day after one day at every day daily every day every day of use once every day one time a day	after a check easily in the last years less times like a Batterie (<i>too vague; not in the text</i>) never once onely one time sometimes to walk again very seldomly
8	their general health their suitability ensure their general health general health general health and suitability health suitability their health situation their medical health	a medical appraisal an appraisal complete medical general helf long time health medical apriaal and checks medical check mobility some checks the complications in wheelchairs their physician health training walking or standing up wheelcairs

Begründungen

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The text says: "When Hayden Allen was spinal cord injured five years ago he became a full-time wheelchair user and doctors told him he'd never walk again. Today a revolutionary product developed by Auckland-based company Rex Bionics has enabled Hayden to walk again." Thanks to an invention, Hayden Allen can therefore walk again.

1

According to the text: "Hayden has been one of the first people in the world to use Rex, a pair of robotic legs that supports and assists a person who usually uses a wheelchair, enabling the person to stand, walk and go up and down steps and slopes." The device therefore functions like robotic legs.

2

The text says: "Being up out of his chair and on his feet again allows Hayden many more options on a day to day basis, increasing opportunities for employment and recreational activities by providing access for him independently to go places previously inaccessible to him." Hayden has therefore now got more chances for employment and recreational activities.

3

According to the text: “Rex users self-transfer from their wheelchair into Rex, strap themselves in and control their movements using a joystick and control pad.” People can therefore use this device without any external help.

4

The text says: “[...] two childhood friends, Richard Little and Robert Irving – co-founders of Rex Bionics. ‘Both of our mothers are in wheelchairs so we are aware of some of the obstacles and access issues faced by many wheelchair users.’” The inventors therefore know about potential problems because their mothers are in wheelchairs.

5

The text says: “It is potentially suitable for manual wheelchair users who can self-transfer and operate hand controls.” Patients can therefore use the device if they are able to self-transfer and operate hand controls.

6

The text says: “There are also likely to be major long term-health and quality of life benefits through reducing the complications of being in a wheelchair all the time. I think that this will also enable people to stay well longer.” Over a longer period of using the device, patients can therefore improve their mobility.

7

According to the text: “It has been designed to be practical, lightweight, portable, safe and simple to use and sufficiently powered for a typical day of use.” The device therefore only has to be recharged once a day.

8

The text says: “Potential customers must complete a medical appraisal including checks with their own physician to ensure their general health and suitability before they can begin the process of fitting and training.” People wanting to use the device therefore have to get proof of their general health.