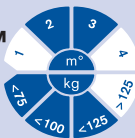


Indications for Otto Bock Microprocessor Knees

Otto Bock Compact™ Mobility Grade 2 - 3



Otto Bock C-Leg® Mobility Grade 3 - 4



Indications

Amputees (knee disarticulation amputation level and higher) at mobility level 2 “restricted outdoor walker” or 3 “non-restricted outdoor walker” with at least one of the following findings:

- Amputees who have the ability or the potential to walk 3-5 kmph (2-3 mph)
- Amputees able to perform movements which require flexion of the knee joint under weight bearing on a daily basis (e.g. sitting down, walking on uneven ground, negotiating slopes and stairs).
- Amputees with professional activities requiring a high level of stance safety
- People with unilateral hip disarticulation amputation, and patients with hemipelvectomy amputation with good walking ability

Amputees (knee disarticulation amputation level and higher) at mobility level 3 “non-restricted outdoor walker” or 4 “non-restricted outdoor walker with especially rigorous demands” with at least one of the following findings:

- Amputees who have the ability or the potential to vary their cadence and to walk fast (> 5 kmph or 3 mph) and/or walk long distances (> 5 km or 3 miles per day)
- Patients walking on uneven ground or slopes or climbing/descending stairs often (> 100 steps per day)
- Amputees with professional activities requiring a high level of stance safety, particularly efficient swing phase control and who walk for extended periods
- Amputees who have to change their movements and speed quickly in sudden, unexpected situations (e.g. people responsible for young children)
- Amputees who require the additional modes (e.g. for standing with the knee slightly flexed while weight bearing)

Other indications when considering an Otto Bock Microprocessor Knee include:

- Other diseases and/or complications due to an injury which increase the disability caused by amputation (e.g. contralateral joint instabilities, arthritis of lower extremity joints, contralateral amputation below the knee, amputations of upper extremities, complicated post-traumatic conditions, multiple disabilities)
- Serious neuromuscular deficiencies of the extremities (e.g. plexus paralysis) including deficiencies of the residual limb motor system

Bilateral Fitting

- Active people with bilateral transfemoral amputations can be fit with Otto Bock Microprocessor Knees under closely monitored fitting situations.

Contraindication

- Amputees with mobility grade 1 “indoor walker”
- Cognitive ability or living situations that do not allow proper care of Microprocessor Knees

The indications/contraindications are recommendations by the manufacturer. These and possible additional indications have to be evaluated by the prescriber depending on the individual case.

Otto Bock®

QUALITY FOR LIFE

Otto Bock Mobility Grade Levels* (MOBIS®)

Mobility Grade 0: Amputee Unable to Walk

For physical and/or psychological reasons, the patient is not able, at the moment, to walk with a prosthesis or to use it for transfers, even with assistance. Cosmetic fitting may be indicated without mobilization.

Therapy goal:

Reconstruction of external appearance, mobilization with wheel chair.

Mobility Grade 1: Indoor Walker**

The patient has the ability or the potential to use the prosthesis for transfer purposes and to move at minimal speed on level floors. The amount of time and the distance that he/she can walk are seriously limited due to his/her condition.

Therapy goal:

Restoration of the patient's ability to stand and provide limited mobility indoors.

Mobility Grade 2: Restricted Outdoor Walker**

The patient has the ability or the potential to move slowly with the prosthesis and can negotiate low environmental obstacles like curbs, single stairs or uneven ground. The amount of time and the distance that he/she can walk are limited due to his/her condition.

Therapy goal:

Restoration of the patient's ability to stand and move both indoors and with limited mobility outdoors.

Mobility Grade 3: Unrestricted Outdoor Walker**

The patient has the ability or the potential to move with the prosthesis with variable cadence and can simultaneously negotiate most environmental barriers. He/she also has the ability to move about open areas and can undertake occupational, therapeutic and other activities that do not expose the prosthesis to above-average mechanical demands. This also includes those patients who have an increased need for security due to secondary conditions (additional handicaps, special living circumstances) in connection with medium to high mobility activities. In comparison to healthy individuals, the amount of time and the distance that he/she can walk are limited only in non-essential ways.

Therapy goal:

Restoration of the patient's ability to walk and move without any limitations indoors and with only non-essential limitations outdoors.

Mobility Grade 4: Unrestricted Outdoor Walker with Especially Rigorous Demands**

The patient has the ability to move with the prosthesis in a manner similar to the Unrestricted Outdoor Walker. The amount of time and the distance that he/she can walk are unlimited. Moreover, due to the high functional demands, the prosthesis can sustain a high degree of shock, tension and torsion.

Therapy goal:

Restoration of the patient's ability to stand, walk and move both indoors and outdoors without any limitations.

*Explanation: Mobility levels and therapy goals according to the draft of the list of medical aids group 24 of October 5, 2000

**These categories are similar to, but not exactly equivalent to U.S. K-Level classification.