



Clinical Evaluation Summary

CES CP F 12

College Park- Sidekick Feet

Warranty Period - 24 Months

Weight Limit - 125kg

This summary has been compiled from the results of a number of returned Clinical Evaluation Forms completed by both prosthetists and patients, and shown in an abbreviated form overleaf. It is an attempt to give an overview of the product based on our experience to date and should be read in conjunction with the product literature supplied by the manufacturer.

Evaluation Summary

The Sidekick feet from College Park were primarily designed to aid the rehabilitation of bilateral transfemoral amputees, with the expectation of gradually progressing them on to full length prostheses. Commonly called "stubbies", prostheses of this type keep the user's centre of gravity low to start with, whilst providing a large base of support. In addition, by using the same ankle as found on the Venture, the Sidekicks allow an adjustable posterior/anterior progression, an easy way of adjusting the alignment and steadily increasing the height. These have proved to be very effective and many users have found that, however successful their rehabilitation, a pair of short prostheses with Sidekicks has become their preference for everyday activities, such as doing tasks around the house, taking the children to school, gardening, etc. The extent to which they are used in this way has been surprising and it is fortunate that the sole plates are seen as a warranty component, considering the way they are being used, though some prosthetists have resorted to replacing the sole material with something even more robust, in an effort to keep up with their patients.

Indications

- Bilateral transfemoral, knee disarticulation, transtibial users*
- Increased stability or lower centre of mass is required
- Uneven terrain
- Adjustability of compliance required
- Lightweight components required
- Wet activities
- High socket interface forces

Contraindications

- Patients whose activity level is in excess of community ambulation, impact level Medium or High
- A patient above the product weight
- Prioritised cosmesis

*Note: Some unilateral transfemoral and bilateral transtibial patients have also been fitted.

Evaluation Patients

Patient Details

Patient 1	Bilateral Knee Disarticulation	75kg	29 year old male	Athlete (Veteran)	Sigam F
Patient 2	Bilateral Transfemoral	68kg	36 year old male	Athlete (Veteran)	Sigam E
Patient 3	Bilateral Transfemoral	55kg	25 year old female	Unemployed	Sigam D
Patient 4	Knee Disarticulation and Transfemoral	78kg	35 year old male	Paralympian (Veteran)	Sigam F
Patient 5	Bilateral Transfemoral	76kg	30 year old male	Unemployed (Veteran)	Sigam E
Patient 6	Bilateral Transfemoral	70kg	62 year old male	Taxi Driver	Sigam D

Evaluation Result

Current Prescription

Patient 1 - Never provided with stubbies for rehabilitation

Patient 2 - Stubbies produced in house

Patient 3 - Self-suspending Quadrilateral sockets, Össur NOP5 knees and Senator feet.

Patient 4 - Stubbies produced in house

Patient 5 - Push fit self-suspending sockets, Ottobock Genium X3 with Triton feet

Patient 6 - Quadrilateral sockets with bilateral TES belt, OFM1 knee joints and Kinetic feet

Prosthetist's Comments

Patient 1 - As a military veteran, this very fit young man has become an athlete, competing in hand cycling events at a high level, but wasn't finding his full length prostheses convenient for many of his every day activities. Having never tried stubbies before, it was agreed that this may be a good way forward, especially using the Sidekicks to provide compliance. He now wears them 80% of the time.

Patient 2 - This military veteran, now training as a hand cyclist, was a good user of both the stubbies with feet produced in house, as well as his full length prostheses. As a result, it was agreed that he should be supplied with Sidekicks on his stubbies.

Patient 3 - Having suffered bilateral amputations aged 4, this young lady has managed to mobilise on a pair of full length prostheses, though she was using them less and less, but has also found life in a wheelchair increasingly difficult. Having been persuaded to try stubbies, she was prescribed Sidekicks, with the aim of trying to get her more mobile and, perhaps, to gradually return to using prostheses.

Patient 4 - This very active Paralympic long jumper, though capable of using full length prostheses, spends much of his time on stubbies. However, his feet produced in house were starting to create issues for him, predominately causing pain in his back. Sidekicks were agreed, in the hope that this would reduce his pain, improve his stability and increase his comfort when working around the house. The prosthetist found them easy to fit and noted the excellent ground compliance. Fortunately he found the sole plates and ankle bumpers easy to change, since the patient quickly wore through the original versions, though the latest versions have improved.

Patient 5 - Though supplied with stubbies with feet that were produced in house, he had stopped using them, until a friend suggested he should try them again, but with Sidekicks. There was no problem with the set up and alignment. The patient has since gone for Osseointegration.

Patient 6 - This patient is still early days in his rehabilitation, and while coping well with the physical demands of walking with full length limbs, is currently only using them at physiotherapy. Concerns around deconditioning when not attending physiotherapy as well as frustrations of being confined to a wheelchair when at home.

Patient's Comments

Patient 1 - Scoring the Sidekicks at 10 from the start, he stated that "It makes doing the simple things easier". Using the feet for almost everything that he does, he has managed to break one of them, but there have been upgrades to the design since then.

Patient 2 - Scoring the Sidekicks 9, he stated that he found them "comfortable when walking and easy to stand still on". At the first review he could now walk further and in greater comfort, and his final comment was that he felt "more confident when out and they have improved my gait, such that I use less energy".

Patient 3 - Rated the Sidekicks at 10 and "fantastic". Her comments included "I have been able to walk more and do more independently".

Patient 4 - Declaring them to be "really good" and scoring them 9, the user went on to say that his back pain had gone, thanks to the compliance of the feet. He felt that the gait was more natural and that he could spend all day on them with no problem, other than the fact that the sole material wears out too quickly, despite the improvement to the materials that are used.

Patient 5 - The user didn't provide a score for the Sidekicks, but finding them easier to use at the gym and around the home, he now wears them about 80% of the time.

Patient 6 - Patient pleased with the function and stability of these feet. Found great balance when using them at home and ease of completing everyday household tasks including food preparation and housework. Still working towards using full length limbs for when going out but will continue using these indoors even once achieved that goal.

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