

Non-Ambulatory ADM resolves compliance issues in Bilateral Talipes Patient



Patient details

Initials: AC
Age: 11 Months
Gender: Male

Background

AC was born with Bilateral Talipes. He followed the Ponseti method with 10 weeks of serial casting and a Tenotomy. Once corrected, he was given the traditional boots and bar for 23 hours a day wear.

During the first week of 23 hour wear AC developed a large open wound at the heel and severe swelling. The consequence of this was a period of four weeks out of the brace.

When he returned to bracing AC would not sleep which impacted on the whole family.

By the time AC received his ADM his feet were still reasonably well corrected, but there was some deterioration in flexibility.

Experience

Since using the Non-Ambulatory ADM, AC sleeps through each night without any pain or sores.

His mother explains, "He would not settle through the night before the ADM. I would be up at least ten times trying to settle him. Something needed to change!"

"Since AC has had the ADM boots, he has slept through every night with them on! No pain, no crying and getting all the hours he needs."

Conclusions

In the parent's opinion, AC sleeps better at night, and the indications are that the ADMs are increasing the range of flexibility in both feet.

His mother says, "Our consultant is happy they are doing their job. He has been in the ADMs for about 3 months now and it was the best decision we ever made!"

Philip Morris, Director at C-Pro Direct and the developer of the ADM brace, adds, "Whilst not typical, some patients do develop heel sores when using the boots and bar. This is always

very distressing for the parents and babies, especially as often it is the unaffected foot that has the problem. Unfortunately deteriorating sores nearly always lead to a period out of the brace which increases the risk of relapse.

"The ADM is ideally suited in this situation because by not having a bar the movement of the baby's legs does not result in rubbing of the heel. We have had a number of successful ADM cases for these reasons."

About the ADM

The ADM was launched in March 2014 and is a wholly new type of Ankle Foot Orthosis that includes two sprung-loaded mechanisms aligned to the sub-talar and tibio-talar joints. The ADM was originally developed as night-brace to abduct and dorsiflex the feet of clubfoot patients. When attached to daytime shoes the ADM can improve the gait, mobility and balance of those suffering from a range of conditions.

The ADM is developed and manufactured in by C-Pro Direct Ltd in the UK. C-Pro Direct welcomes enquiries from practitioners, parents and clinicians. The ADM is Patented in many jurisdictions worldwide. For Europe EP Patent No EP2637612 and Registered Community Design No 002238881-0001 apply.