

Non-Ambulatory ADM resolves knee issues for 13 month old with Unilateral Talipes



Patient details

Initials: JDB
Age: 13 months
Gender: Male

Background

JDB was born with Left Talipes Equinovarus. He was treated by the Ponseti Method of casting from 3 weeks old. He had 4 casts before being placed in the traditional boots and bar for 23 hours a day wear. He did not require a tenotomy.

JDB responded well to casts. However during full time wear in boots and bar his knees started to bend inwards. His non-affected foot was also suffering from constant sores and blisters to the heel and upper foot. He required a month (in total) out of his boots and bar, luckily his affected foot did not relapse during this period.

JDB also started struggling to sleep, he would try to roll over and get stuck. His mother says, "I chose the ADM because my boy has unilateral talipes. His unaffected foot was suffering whilst wearing boots and bar. I believed that the ADM could help him sleep and obviously hoped it would help his knees. I contacted Stella Morris at C-Pro to ask for more information with regards to the ADM and how it worked."

It was then agreed by the hospital to use a Non-Ambulatory ADM at the age of 6 months.

Experience

JDB has now been using the ADM for 7 months and indications are that the ADM is working well to keep his foot corrected.

His mother explains, "As soon as he started wearing the ADM my son started tummy sleeping (and still does now). He started sleeping from 7pm until 7am, without waking. His unaffected foot obviously isn't affected by sores or blisters. His talipes foot gets the occasional red mark when the sandal is new (previously always had red marks when in boots and bar). His knees no longer fall inwards."

Conclusions

In the parent's opinion, JDB is continuing to do well in the Non-Ambulatory ADM.

His mother says, "His consultant has been pleased with his progress. He has been reviewed 3 times since changing to the ADM. At every review they report his foot to be doing 'excellently'."

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 a 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 treating children with condition similar to those of JDB. The ADM is Patented in many jurisdictions worldwide. For Europe EP Patent No EP2637612 and Registered Community Design No 002238881-0001 apply.