



## P&O Day 2021

### Military veteran, patient

The Ottobock team was called to assist with the fitting of a bi-lateral military veteran who had had bi-lateral osseo-integration. He had not walked for over three years and therefore presented a challenge as he had flexion contractures of twenty degrees on both sides. The team in the clinic asked for our assistance on the day as alignment was likely to be more challenging than normal.

Osseo-integration alignment is always more challenging because there is no socket to align as part of the leg. We had to create a tool with the help of one of the technicians to extend the leg up to be able to perform the setup and correct arrangement of the componentry to the patient. On this occasion we had to do it on both sides as the patient was bi-lateral.

Having tried to align everything within the scope of the alignment available we found that we needed to use other adapters to be able to increase the angle to the required 20 degrees. Once this had been achieved the microprocessor knees he was to wear could be programmed and setup correctly.

Having setup the alignment and programmed his microprocessor knees the patient was able to walk within the parallel bars for the first time since surgery. Over the coming weeks he was able to progress to walking with sticks and eventually unaided. This was done with the aid of his own prosthetics team and therapy sessions with the physios at the clinic.

The intervention took place at a military rehab clinic.

# ottobock.