

New products of 2018

Pacific Supply Co., Ltd.

Gait Innovation for early rehabilitation following cardio-vascular illness

Pacific Supply (Osaka, Japan) will be presenting a KAFO, in Leipzig, for early rehabilitation following cardio-vascular illness.



In the wake of the rapid growth of an ageing population in Japan, the number of older patients with cardio-vascular illnesses has also increased in recent years. A KAFO (knee, ankle and foot orthosis) is, according to Pacific Supply, frequently used to facilitate a rapid and successful rehabilitation process after such illnesses. And there are, say the company, a significant number of relevant reports on the effects of using these orthoses, suitably adapted for each particular patient.

Gait Innovation has now been developed further, with the aim of providing effective orthotic therapy early on in the rehabilitation process after a cardio-vascular illness. The brace in question has a simple adjustment mechanism: an adjuster wheel controls the circumference of the thigh cuff and a lever serves to adjust the height of the lower cuff, the knee joint and the thigh cuff. By simplifying the height and width adjustment at thigh level – which, say Pacific Supply, is extremely laborious with traditional models – rehabilitation can be begun without losing any time. Gait Innovation uses an oil damper to control plantar flexion on the paralysed side early on in the standing phase.