Dyna Ankle

Satisfaction

**Major Findings**

With Dyna Ankle:

- high sense of security in 15 of 19 subjects
- good wearing comfort in 16 of 19 subjects
- easy to learnable handling in 18 of 19 subjects
- low to moderate feeling of restriction in 15 of 19 subjects

**Perceived sense of security**

![Bar chart showing perceived sense of security]

(Matussek et al., 2000)

**Clinical Relevance**

Satisfaction can be measured to determine the general well-being of a person and the fulfilment of his expectations to the medical device. It is a very meaningful parameter to investigate since it has a direct impact on the patient’s well-being and compliance. It is influenced by additional categories and can therefore be seen as a summary of possible pain reduction and better performance of ADLs.

Additionally, the patients’ satisfaction is also correlated with the usage of the medical device. Studies on the non-use of devices suggest that, on average, a third of all devices provided are not used (Scherer 2002). The lack of consumer involvement or consumer dissatisfaction with the device were shown as predictors of non-use (Wielandt & Strong, 2000). In addition, a number of problems have been identified as reasons for non-use: inadequate performance of the product; poor function of the product; difficulty in operating the product; and the high cost of the products and their maintenance (Batavia & Hammer 1990, Goodacre & Turner, 2005). Obtaining user perspectives is therefore fundamental to address these issues.
Summary

Each of the orthoses tested gives most test persons a sense of safety. As expected, this is often described as "high" in the rigid and semi-rigid orthoses.

As expected, wearing comfort with soft and semi-rigid orthoses was also described more frequently as "hardly irritating". Within the group of rigid orthoses, the Dyna Ankle offers clearly higher wearing comfort.

The handling of the Dyna Ankle was predominantly assessed as "easy" 8/19 and "learnable" 10/19. The bandage and the stirrup orthoses were most frequently rated as "easy".

Likewise, the result on the feeling of limitation was as expected. The soft orthoses were most frequently rated as "low" and the rigid orthoses as "moderate" to "strong". Within the group of rigid orthoses, the Dyna Ankle also shows clear advantages here. (Matussek et al., 2000)

References of summarized studies


Other References


