

# Satisfaction

## Major Findings

With Agilium Reactive:

How do you assess the handling of the orthosis?

→ **easy:** 46%

→ **learnable:** 54%

Do you feel restricted by the orthosis?

→ **no:** 31%

→ **slight:** 54%

→ **moderate:** 15%

Is it uncomfortable to wear the orthosis?

→ **no:** 46%

→ **slightly:** 39%

→ **moderate:** 15%

Would you wear the orthosis over a longer period of time?

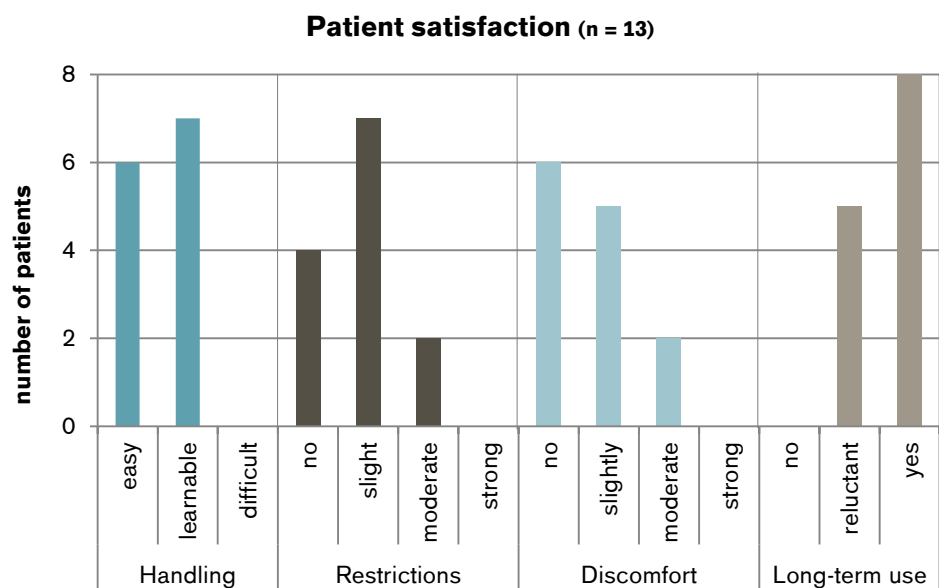
→ **yes:** 62%

→ **reluctant:** 38%

Would you recommend the orthosis?

→ **yes:** 100%

## Agilium Reactive showed a high patient satisfaction



(Liebau et al. 2017)

---

## Clinical Relevance

Satisfaction can be measured to determine the general well-being of a person and the fulfillment of his expectations to the medical device. The evaluation of this very meaningful parameter is important to investigate as it has a direct impact on the patients' 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.

Satisfaction is also correlated with the usage of the medical device. Studies on the non-use of devices suggest, on average, a third of all provided devices are not used (Scherer 2002). Possible causes involve a lack of consumer involvement, inadequate performance of the product, failure of the product to improve function, and difficulty in operating the product (Batavia & Hammer 1990, Wielandt & Strong 2000). Obtaining user perspectives and satisfaction is therefore fundamental.

---

## Summary

The majority of patients were satisfied with the Agilium Reactive. The handling is rated as easy or learnable. No strong restrictions were perceived. About 85% felt no restrictions or only slightly restrictions by the orthosis. Nearly the half of patients rated the orthosis as comfortable and 39% said that the orthosis is slightly uncomfortable. The majority would use the orthosis for a longer period of time and no one precluded the long-term use a priori. More importantly all patients would recommend the Agilium Reactive. (Liebau et al. 2017)

---

## References of summarized studies

Liebau, C., Petersen, W., Rembitzki, I.V. (2017). Eine klinische Studie zur Wirksamkeit einer medialen Entlastungssorthese (Agilium Reactive®) bei Patienten mit unikompartimenteller Gonarthrose. A clinical study on the effectiveness of a medial unloader brace (Agilium Reactive®) in patients with unicompartimental knee OA. *MOT: Medizinisch Orthopädische Technik*, 1: 32-36.

---

## Other References

Batavia, A. I., & Hammer, G. S. (1990). Toward the development of consumer-based criteria for the evaluation of assistive devices. *Journal of rehabilitation research and development*, 27(4):425-436.

Scherer, M. J. (2002). The change in emphasis from people to person: introduction to the special issue on Assistive Technology. *Disability and rehabilitation*, 24(1-3):1-4.

Wielandt, T., & Strong, J. (2000). Compliance with prescribed adaptive equipment: a literature review. *The British Journal of Occupational Therapy*, 63(2):65-75.

© 2014, Otto Bock HealthCare Products GmbH ("Otto Bock"), All Rights Reserved. This article contains copyrighted material. Wherever possible we give full recognition to the authors. We believe this constitutes a 'fair use' of any such copyrighted material according to Title 17 U.S.C. Section 107 of US Copyright Law. If you wish to use copyrighted material from this site for purposes of your own that go beyond 'fair use', you must obtain permission from the copyright owner. All trademarks, copyrights, or other intellectual property used or referenced herein are the property of their respective owners. The information presented here is in summary form only and intended to provide broad knowledge of products offered. You should consult your physician before purchasing any product(s). Otto Bock disclaims any liability related from medical decisions made based on this article summary.