

Agilium Freestep Study Summaries

The summaries are organized in three levels depending on the detail of information. The overview table (Level 1) lists all the relevant publications dealing with a particular product (topic) as well as researched categories (e.g. biomechanics, X-Ray, functional tests, etc.). The Level 2 summaries list all relevant information on the device concerning a specific category (e.g. level walking, safety, activities, etc.).

For those interested in learning more about individual studies, the summaries (Level 3) provide a concise synthesis of the respective references.

| Reference | | Category | | | | | | |
|------------------------|------|--------------------------------|------------------------------|----------|----------|------------------|------------------|---------------|
| | | Functions and Activities | | | | | | Participation |
| Author | Year | Biomechanics – Static measures | Biomechanics – Gait analysis | X-Ray | EMG | Functional tests | Clinical effects | Satisfaction |
| <u>Boroujeni</u> | 2026 | | x | | | | x | |
| <u>Bartsch</u> | 2022 | | | | | | x | |
| <u>Petersen</u> | 2019 | | | | | | x | x |
| <u>Drewitz</u> | 2017 | | x | | | | | |
| <u>Menger</u> | 2016 | | | | | | x | |
| <u>Fantini-Pagani</u> | 2013 | x | x | | | | | |
| <u>Schmalz</u> | 2011 | x | x | | | | x | x |
| <u>Schmalz</u> | 2006 | x | x | | | | | |
| Total number: 8 | | 3 | 5 | 0 | 0 | 0 | 5 | 2 |