

User Experience Evaluation of the VELYS™ Robotic-Assisted Solution for Total Knee

This study took place in July 2020 and September 2020, following the cadaver labs in both Cincinnati, OH, and Raynham, MA. We surveyed 30 clinicians (16 Orthopaedic Surgeons and 14 Surgical Scrub Technicians) from US hospitals to gauge their experiences and overall satisfaction with the set up and use of the VELYS™ Robotic-Assisted Solution during total knee arthroplasty.

Orthopaedic Surgeons (n=16)

Simple and intuitive

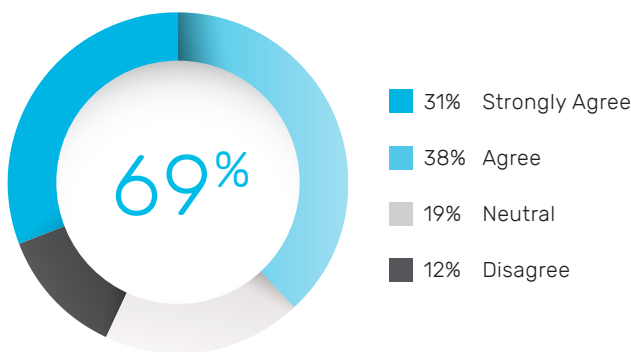
81% of surgeons agreed that the overall use of the VELYS™ Robotic-Assisted Solution was simple and intuitive.

The system speaks for itself

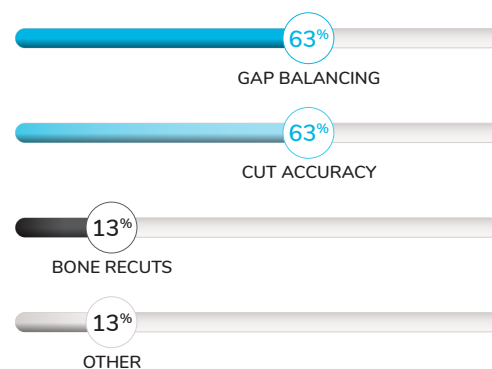
“Extremely high” for overall satisfaction
 “9 out of 10” for overall satisfaction
 “Transition in terms of software is relatively flawless”

Fits your current workflow

69% of surgeons felt the system fit their current surgical philosophy and approach.



Surgeons noticed improvements across the entire surgical process*



A majority of surgeons agreed the VELYS™ Robotic-Assisted Solution procedural workflow reduced their cognitive load when compared to their experience with Mako.†

Ease of integration

81% of surgeons said it would take fewer than 20 cases to reach steady-state OR time.

38% of those said it would take fewer than 10 cases.

Surgical Scrub Technicians (n=14)

Simple and Intuitive

86% of scrub techs agreed that the overall use of the VELYS Robotic-Assisted Solution was simple and intuitive.

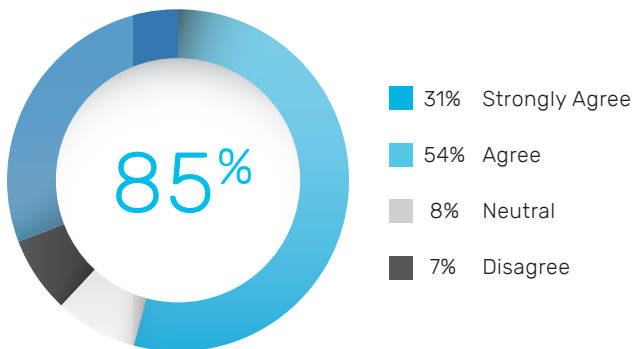
High praises for the system



“Very organized, detailed, and informative”
“It was great”
“Simple instrumentation”

Fits their current workflow

85% of scrub techs felt the system streamlined OR integration and helped improve daily OR flow.



4 ways surgical techs felt an improvement in their surgical process

- 1 CHECKS/VERIFICATION
- 2 CUT ACCURACY
- 3 BED MOUNTED
- 4 NOT DEPENDANT ON COMPANY REP



A majority of scrub techs agreed the VELYS™ Robotic-Assisted Solution procedural workflow reduced their cognitive load when compared to their experience with Mako.†

Adapting to the VELYS Robotic-Assisted Solution

100% of scrub techs said it would take 5 cases or fewer of using the VELYS Robotic-Assisted Solution to reach steady-state OR time.

†Proportion of surgeons surveyed who noticed an improvement in this area.

“Cognitive load” relates to the amount of information that working memory can hold at one time.

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Please refer to the instructions for use for a complete list of indications, contraindications, warnings, and precautions.

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