iBalance® Primary TKA Outcomes

Purpose

To report the clinical outcomes for pain, function, and quality of life for patients who underwent primary TKA with the iBalance prosthesis.

Methods

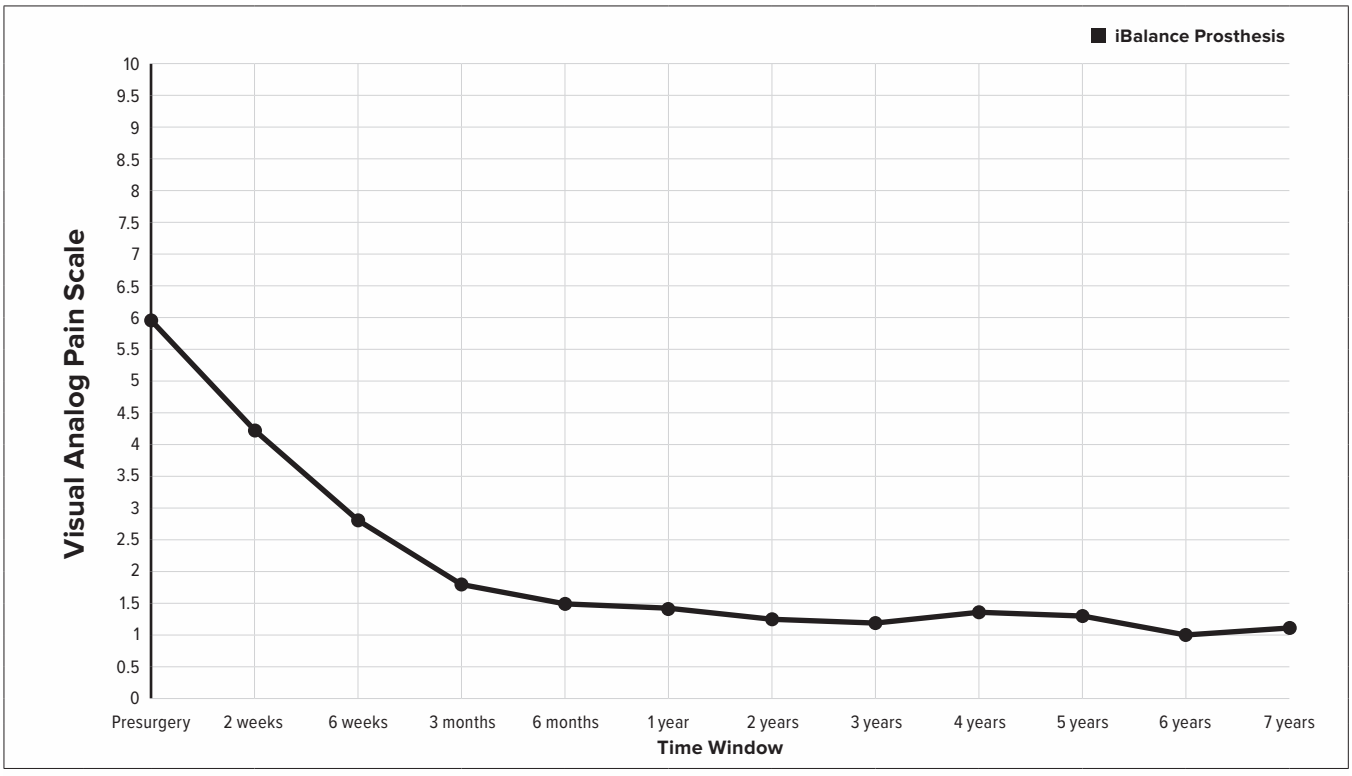
The inclusion criteria for this analysis were patients enrolled in the Surgical Outcomes System™ global registry who underwent primary TKA with the iBalance prosthesis. Standard patient-reported outcomes questionnaires for VAS, KOOS Jr, and Oxford Knee were administered at standard time points postoperatively. Results were reported from presurgery to 7 years postsurgery. The number of patients included per time point is shown to the right.

Time Point	# of Compliant Patients/ Total # Patients
Presurgery	1336/1367
2 years	793/1074
5 years	450/637
6 years	230/344
7 years	55/103

Trend Conclusion

Based on these results, the pain, function, and quality-of-life scores for patients who underwent a primary TKA with iBalance prosthesis trend towards favorable outcomes. However, no claims can be made on the potential of these results without further analysis to determine statistical significance.

Results



VAS

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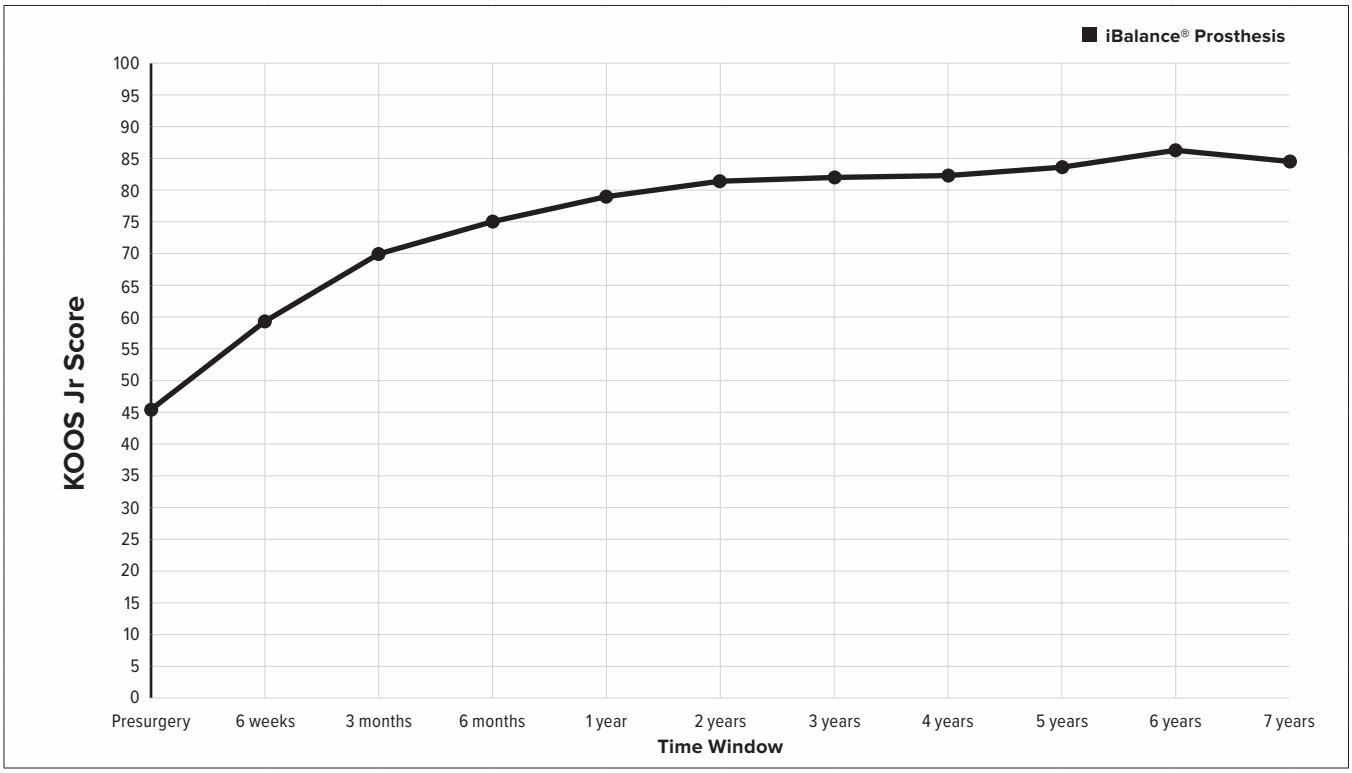
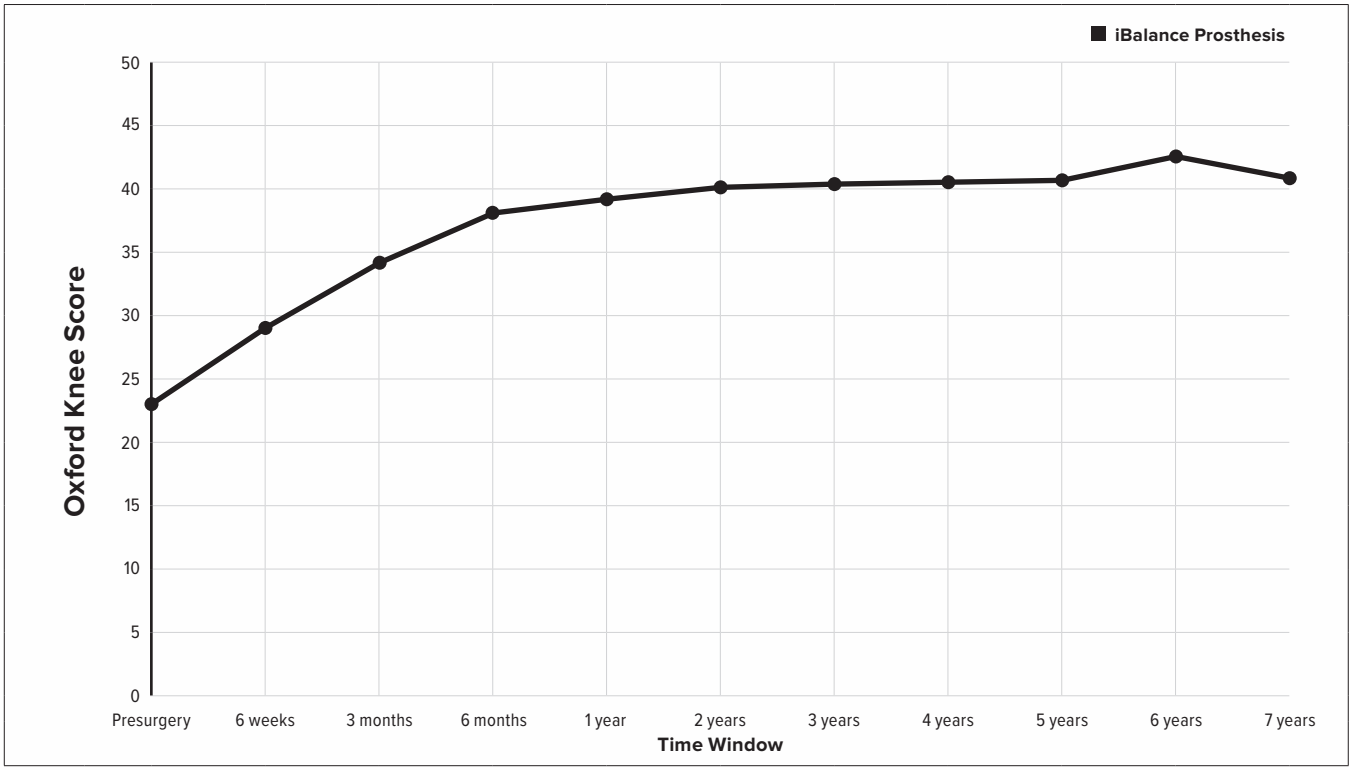


KOOS Jr Score



Oxford Knee Score

Time Point	iBalance® Prosthesis Avg ± STD VAS
Presurgery	5.9 ± 2.5
2 years	1.3 ± 2.0
5 years	1.3 ± 2.1
6 years	1.0 ± 1.8
7 years	1.1 ± 1.7

Time Point	iBalance Prosthesis Avg ± STD KOOS Jr Score
Presurgery	45.6 ± 13.6
2 years	81.8 ± 16.5
5 years	83.9 ± 16.5
6 years	86.5 ± 15.6
7 years	84.9 ± 16.1

Time Point	iBalance Prosthesis Avg ± STD Oxford Knee Score
Presurgery	23.3 ± 7.4
2 years	40.5 ± 7.6
5 years	41.5 ± 7.7
6 years	42.5 ± 6.4
7 years	41.8 ± 6.9

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