

# BTB Autograft vs GraftLink® Autograft for ACL Reconstruction

## Purpose

To report the clinical outcomes of pain, function, and quality of life for patients who underwent ACL reconstruction using BTB vs GraftLink autografts.

## Methods

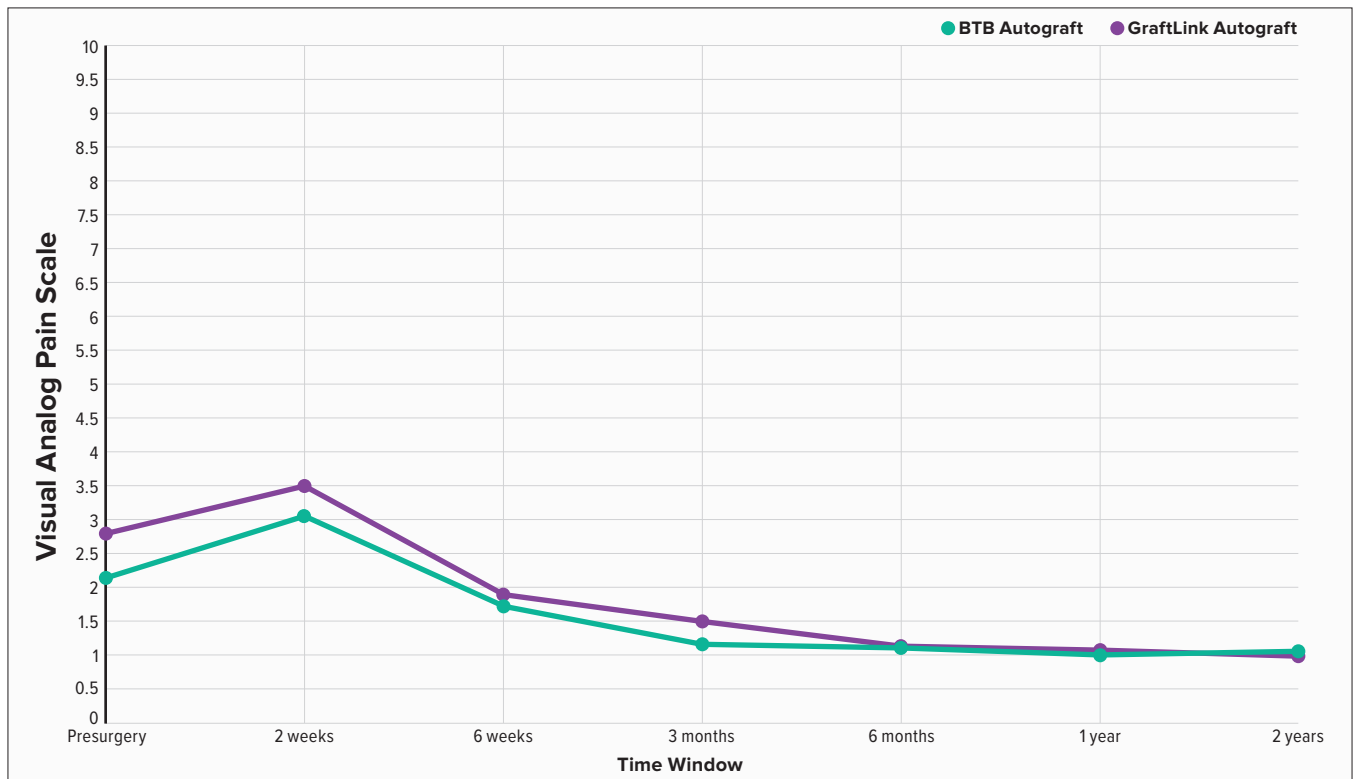
The inclusion criteria for this analysis were patients enrolled in the Surgical Outcomes System™ global registry who underwent ACL reconstruction with either a BTB or GraftLink autograft. Standard patient-reported outcome questionnaires for VAS, KOOS Sport/Rec, and Marx activity were administered at standard time points postoperatively. Results were reported from presurgery to 2 years postsurgery. The numbers of patients included per group are shown to the right.

Time Point	# Compliant BTB Autograft Patients/ # of Total Surveys Sent	# Compliant GraftLink Autograft Patients/ # of Total Surveys Sent
Presurgery	1019/1648	476/672
1 year	605/1296	324/549
2 years	372/748	232/424

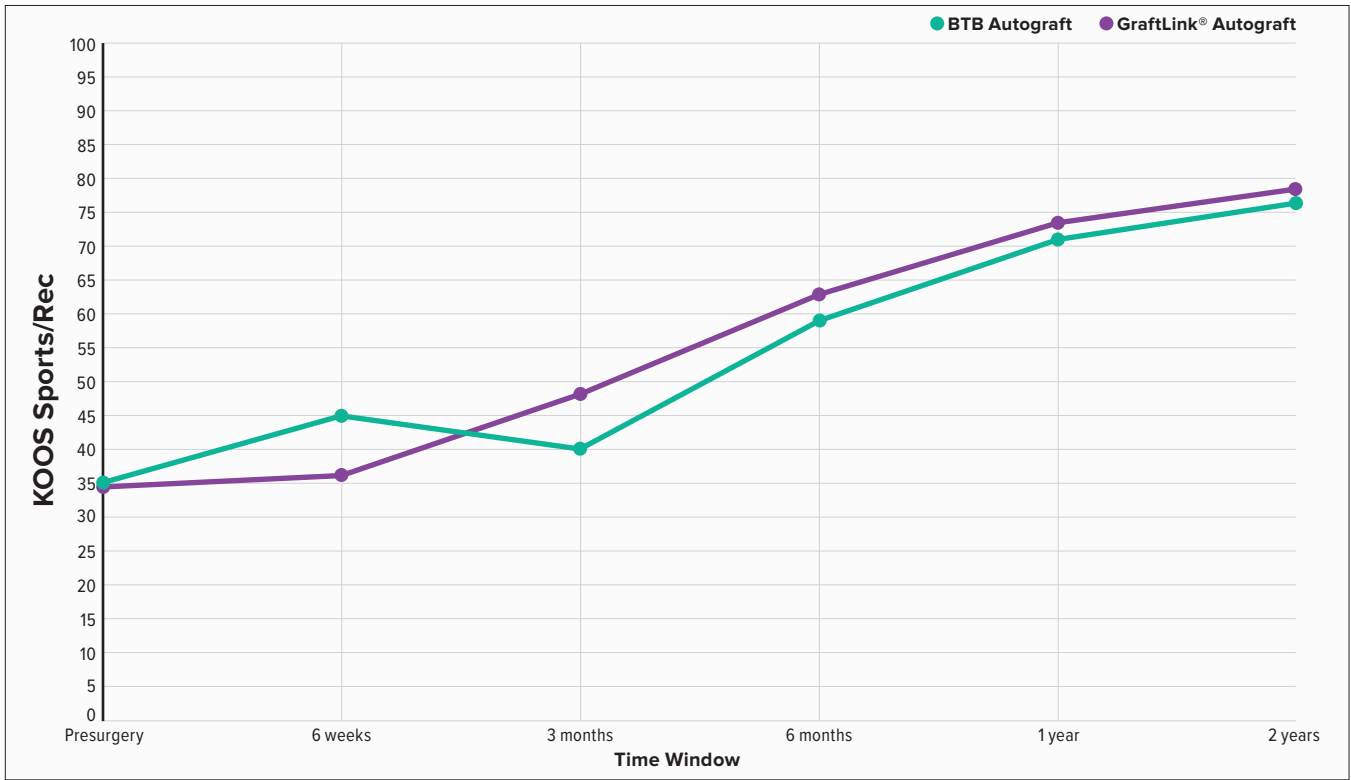
## Trend Conclusion

Based on these results, there appears to be a similar trend in pain, function, and quality-of-life scores for GraftLink autograft compared to the current standard of BTB autograft. However, no claims can be made on the potential of these results without further analysis to determine statistical significance.

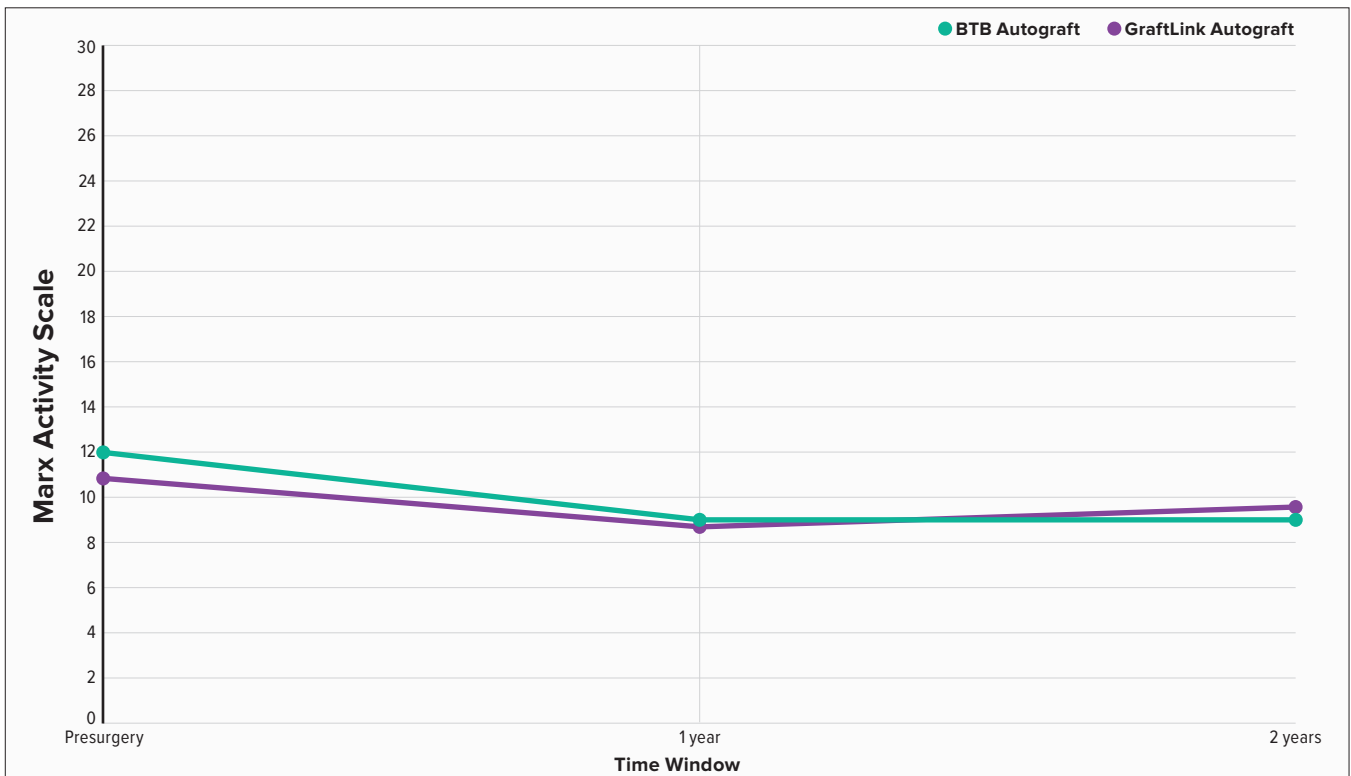
## Results



VAS



**KOOS Sports/Rec**



**Marx Activity Scale**



# Surgical Outcomes System

Time Point	BTB Autograft Avg $\pm$ STD VAS	GraftLink <sup>®</sup> Autograft Avg $\pm$ STD VAS
Presurgery	2.2 $\pm$ 2.1	2.7 $\pm$ 2.4
1 year	1.0 $\pm$ 1.6	1.1 $\pm$ 1.6
2 years	1.0 $\pm$ 1.5	0.9 $\pm$ 1.6

Time Point	BTB Autograft Avg $\pm$ STD KOOS Sports/Rec	GraftLink Autograft Avg $\pm$ STD KOOS Sports/Rec
Presurgery	35.4 $\pm$ 27.6	34.6 $\pm$ 27.2
1 year	70.7 $\pm$ 26.0	73.6 $\pm$ 23.5
2 years	75.6 $\pm$ 26.1	78.2 $\pm$ 26.7

Time Point	BTB Autograft Avg $\pm$ STD Marx Activity	GraftLink Autograft Avg $\pm$ STD Marx Activity
Presurgery	11.9 $\pm$ 5.0	10.8 $\pm$ 5.4
1 year	8.9 $\pm$ 5.7	8.7 $\pm$ 5.3
2 years	8.9 $\pm$ 5.4	9.3 $\pm$ 5.2