



BTB Autograft Versus 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 compared to GraftLink autografts.

Methods

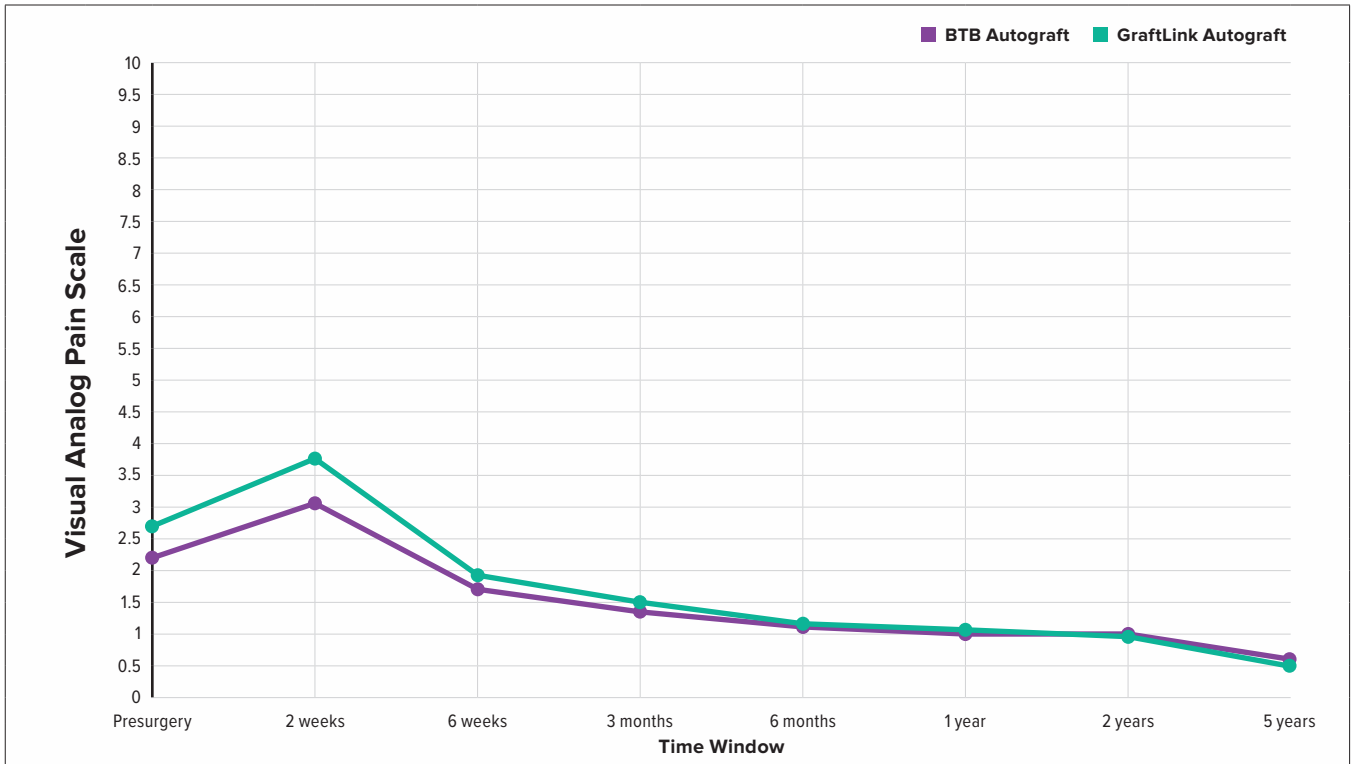
The inclusion criteria for this analysis were patients enrolled in the Surgical Outcomes System™ global registry who underwent ACL reconstruction with either a BTB or GraftLink autograft. Standard patient-reported outcome questionnaires for VAS, KOOS Sport/Rec, and Marx activity were administered at standard time points postoperatively. Results were reported from presurgery to 5 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	1278/2098	525/671
1 year	849/1780	332/575
2 years	598/1290	260/496
5 years	63/174	65/146

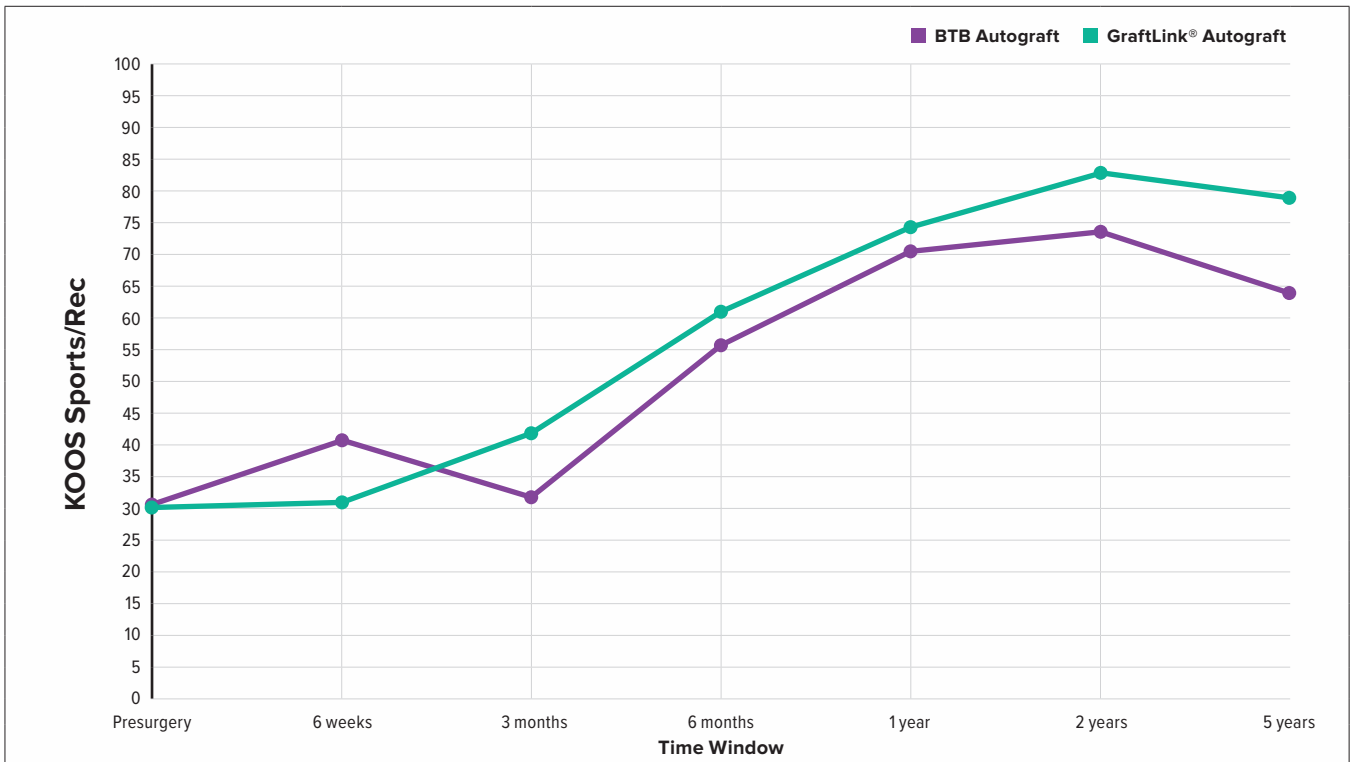
Trend Conclusion

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.

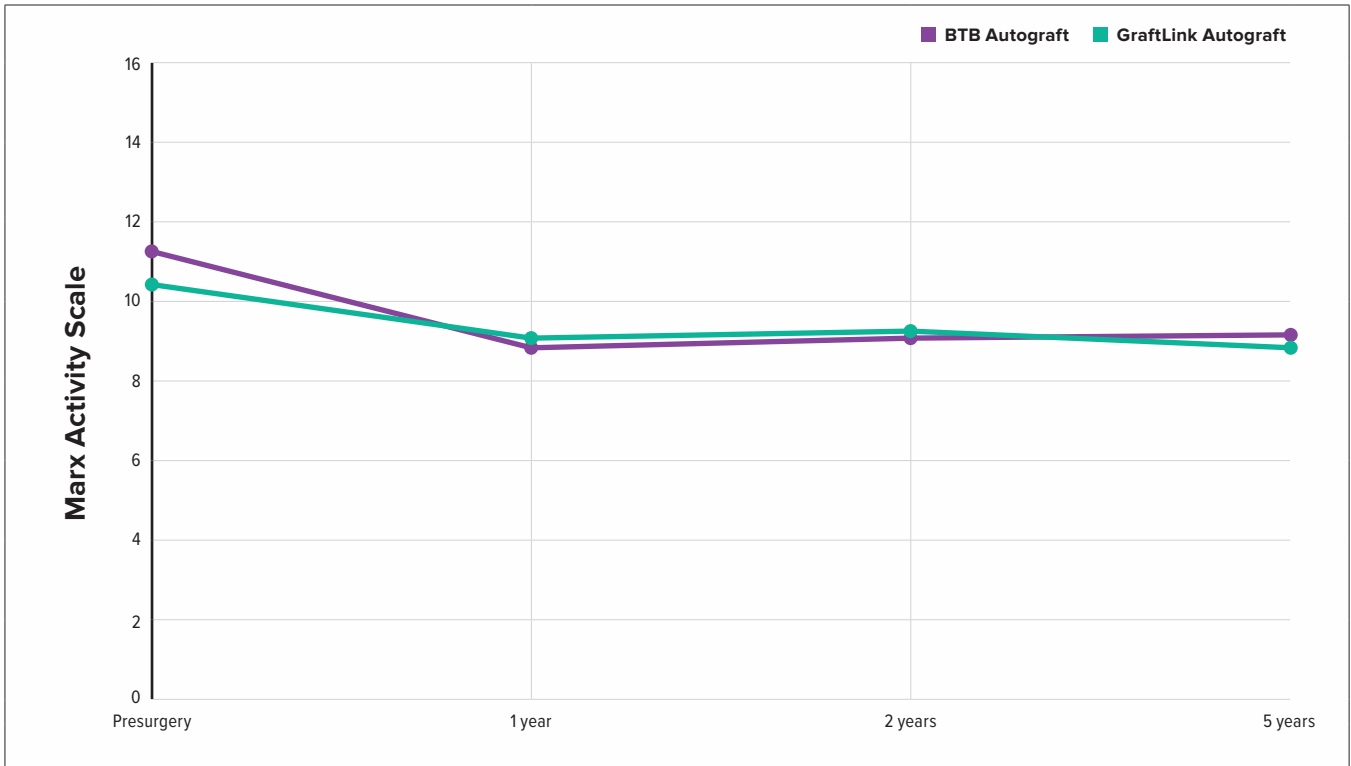
Results



VAS



KOOS Sports/Rec



Marx Activity Scale



Surgical Outcomes System

Time Point	BTB Autograft Avg \pm STD VAS	GraftLink® Autograft Avg \pm STD VAS
Presurgery	2.2 \pm 2.0	2.7 \pm 2.4
1 year	1.0 \pm 1.5	1.1 \pm 1.6
2 years	1.0 \pm 1.5	0.9 \pm 1.6
5 years	0.7 \pm 1.1	0.5 \pm 0.9

Time Point	BTB Autograft Avg \pm STD KOOS Sports/Rec	GraftLink Autograft Avg \pm STD KOOS Sports/Rec
Presurgery	31.1 \pm 28.4	30.7 \pm 27.6
1 year	70.4 \pm 27.1	74.2 \pm 23.9
2 years	73.5 \pm 28.8	78.1 \pm 27.6
5 years	64.5 \pm 40.2	74.4 \pm 34.7

Time Point	BTB Autograft Avg \pm STD Marx Activity	GraftLink Autograft Avg \pm STD Marx Activity
Presurgery	11.7 \pm 5.1	10.7 \pm 5.4
1 year	8.6 \pm 5.6	8.8 \pm 5.2
2 years	9.0 \pm 5.3	9.4 \pm 5.1
5 years	9.2 \pm 5.4	8.6 \pm 5.2