

BTB Autograft vs GraftLink® Autograft for ACL Reconstruction

PURPOSE

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

METHODS

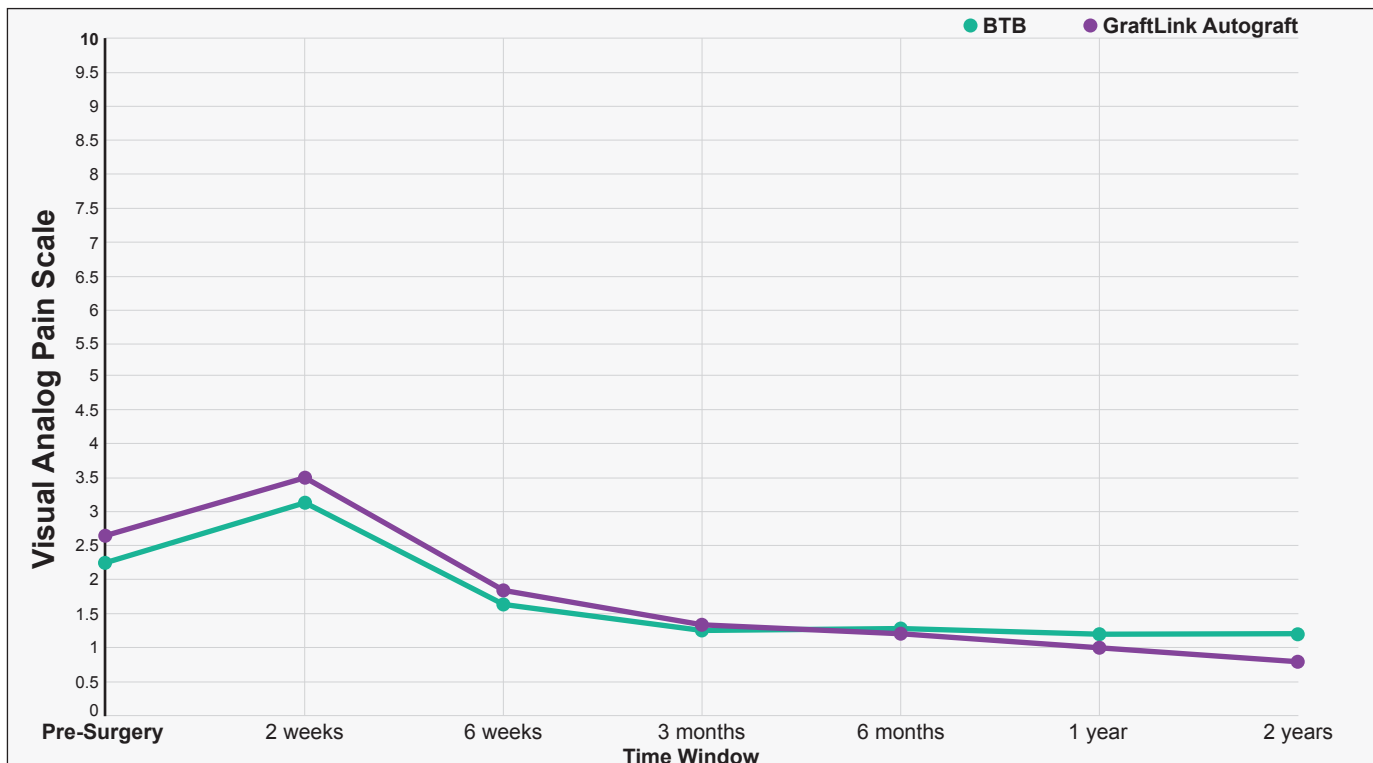
The inclusion criteria for this analysis were patients enrolled in the Surgical Outcomes System™ global registry who had ACL reconstruction that utilized either a BTB or GraftLink autograft. Standard patient-reported outcome questionnaires for VAS, KOOS-ADL, Marx activity, and VR-12 physical and mental component were administered at standard time points postoperatively. Results were reported from pre-surgery out to 2 year post-surgery. The numbers of patients included per group are shown to the right.

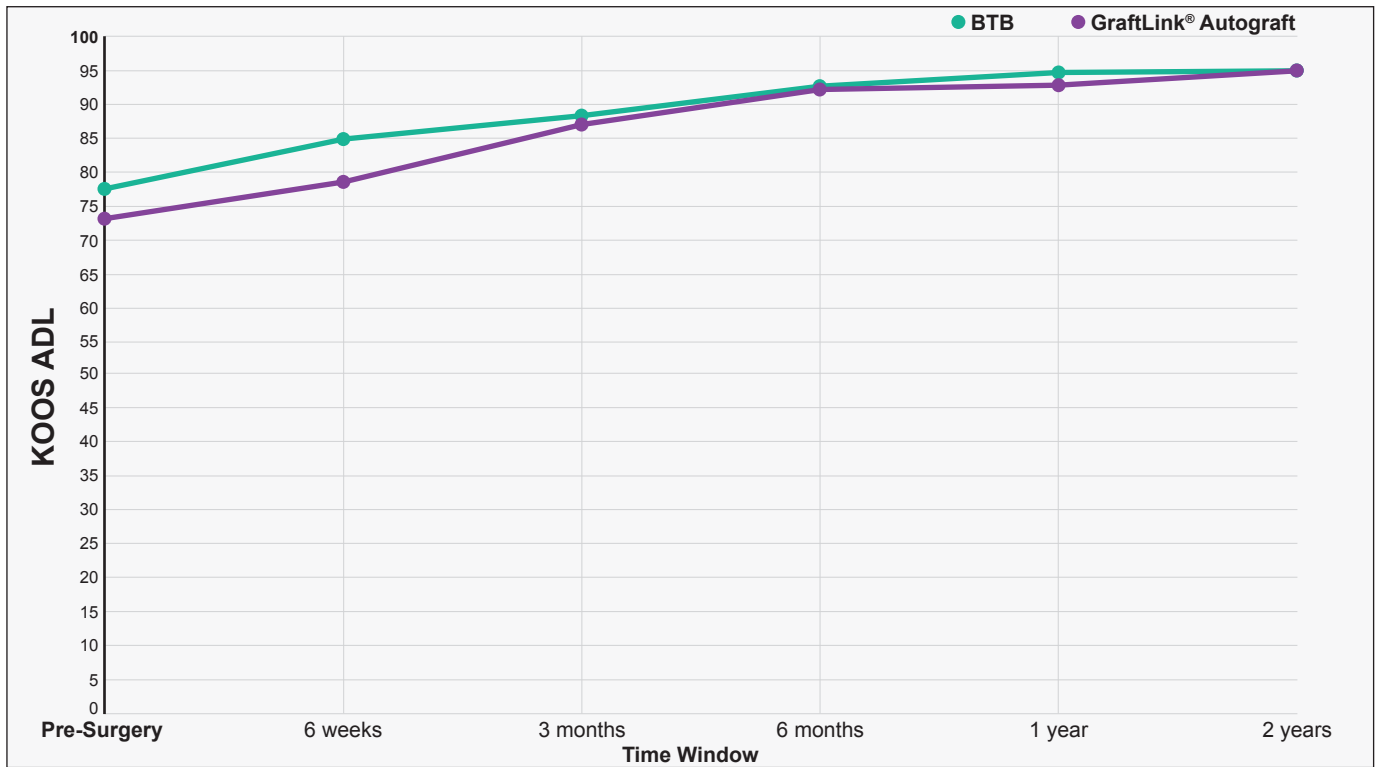
Time Point	# Compliant BTB Autograft Patients/# of Total Surveys Sent	# Compliant GraftLink Autograft Patients/# of Total Surveys Sent
Pre-surgery	534/838	339/450
6 months	356/696	257/385
1 year	233/540	180/303
2 years	106/226	107/174

TREND CONCLUSION

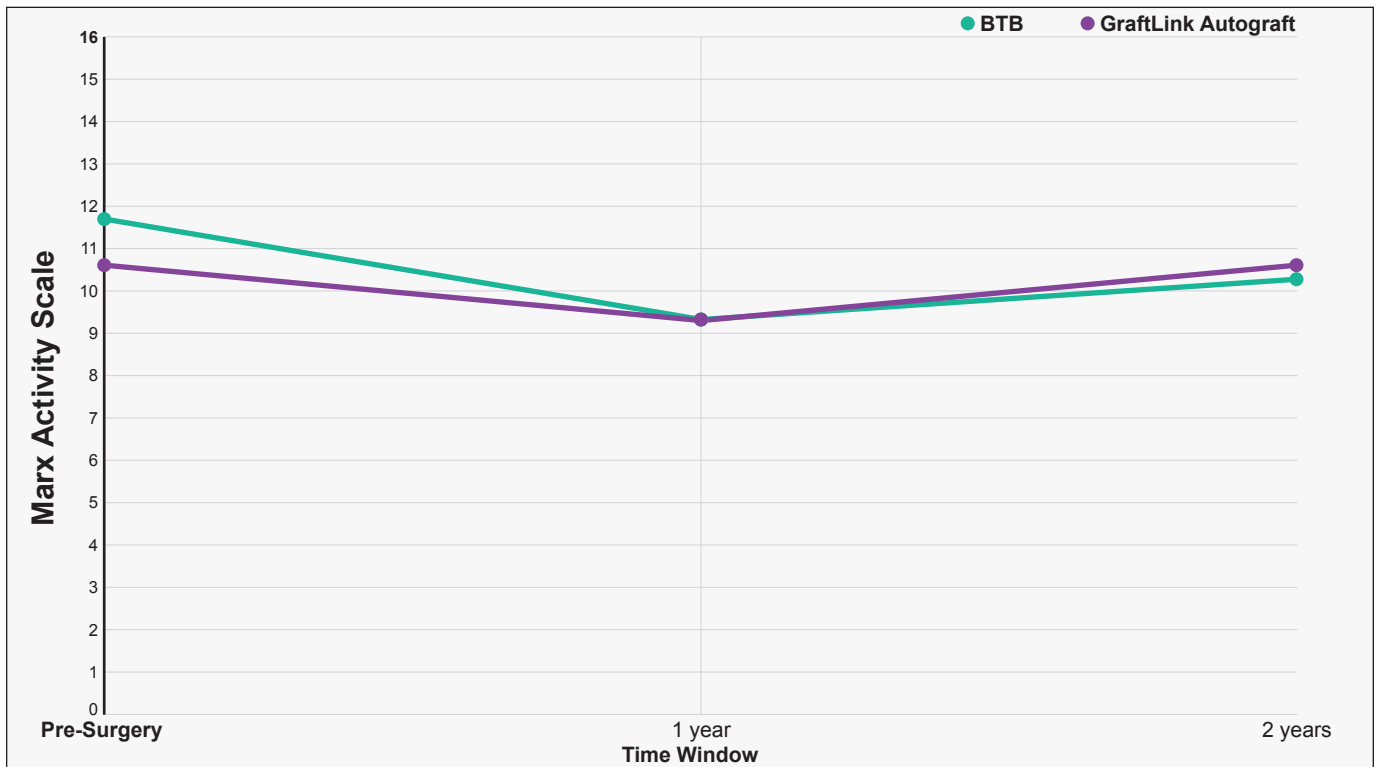
Based on these results, there appears to be a similar trend in pain, function and quality of life of GraftLink autograft compared to the current standard of BTB autograft. However, further statistical analysis would be needed to determine if these findings have statistical significance.

RESULTS

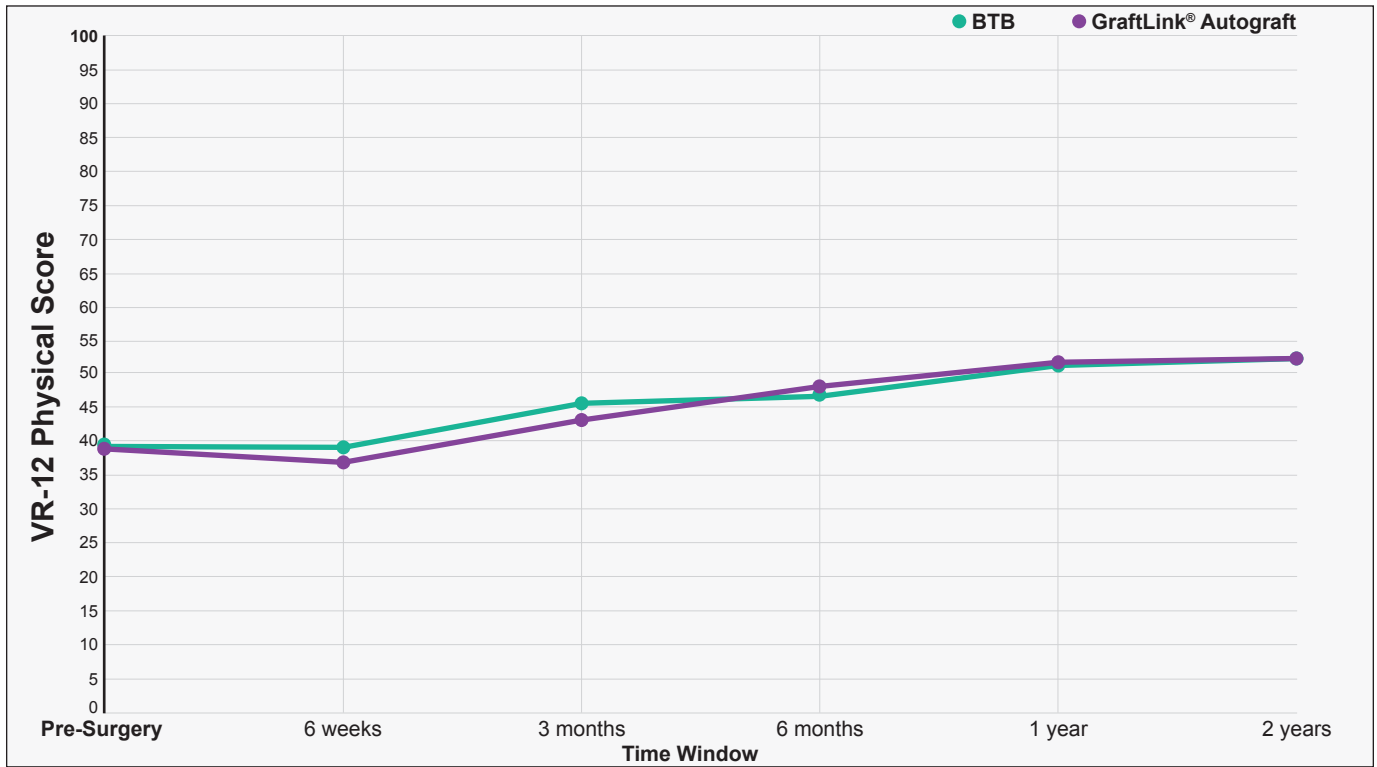




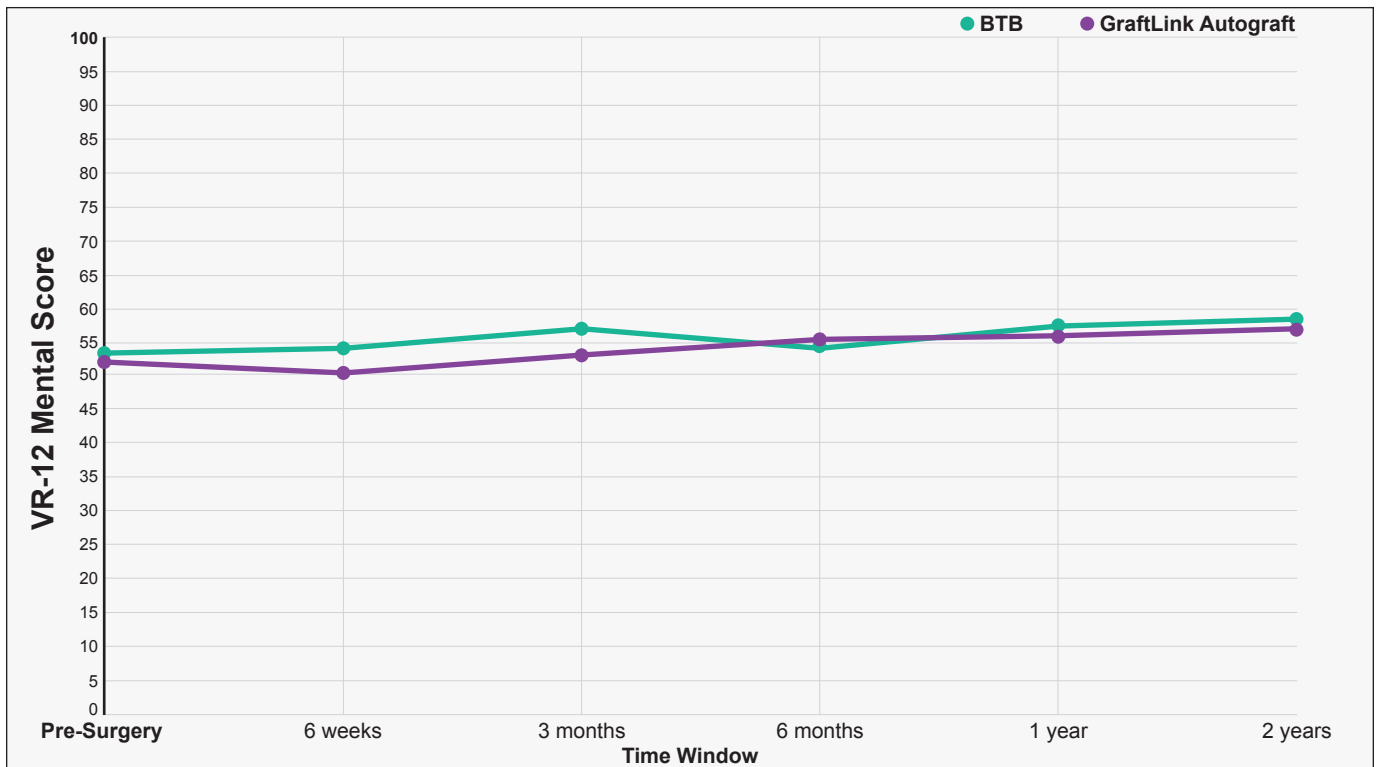
KOOS ADL



Marx Activity Scale



V-12 Physical Score



V-12 Mental Score

Time Point	BTB Avg +/-STD VAS	GraftLink® Autograft Avg +/- STD VAS
Pre-surgery	2.2 +/- 2.1	2.6 +/- 2.3
6 months	1.2 +/- 1.4	1.1 +/- 1.5
1 year	1.0 +/- 1.6	0.9 +/- 1.4
2 years	1.1 +/- 1.8	0.8 +/- 1.5

Time Point	BTB Avg +/-STD KOOS-ADL	GraftLink Autograft Avg +/- STD KOOS-ADL
Pre-surgery	77.9 +/- 18.1	74.2 +/- 19.7
6 months	91.7 +/- 10.6	91.6 +/- 11.0
1 year	94.8 +/- 8.2	93.6 +/- 12.8
2 years	95.1 +/- 10.7	95.1 +/- 11.8

Time Point	BTB Avg +/-STD Marx Activity	GraftLink Avg +/- STD Marx Activity
Pre-surgery	11.9 +/- 5.0	10.7 +/- 5.5
1 year	9.3 +/- 5.7	9.3 +/- 5.3
2 years	10.3 +/- 5.5	10.6 +/- 5.0

Time Point	BTB Avg +/-STD VR-12 PCS	GraftLink Autograft Avg +/- STD VR-12 PCS
Pre-surgery	39.4 +/- 9.0	39.2 +/- 9.2
6 months	47.2 +/- 7.2	47.9 +/- 7.3
1 year	50.5 +/- 6.4	50.9 +/- 6.3
2 years	51.8 +/- 6.2	51.8 +/- 7.2

Time Point	BTB Avg +/-STD VR-12 MCS	GraftLink Autograft Avg +/- STD VR-12 MCS
Pre-surgery	53.1 +/- 9.8	52.1 +/- 10.2
6 months	55.3 +/- 8.7	54.6 +/- 9.0
1 year	56.6 +/- 7.2	55.6 +/- 7.3
2 years	57.2 +/- 6.2	56.2 +/- 7.7