

ACL Repair With *Internal/Brace*™ Ligament Augmentation vs ACL Reconstruction

Purpose

To report the clinical outcomes of pain, function, and quality of life for patients who underwent ACL repair with *Internal/Brace* ligament augmentation vs ACL reconstruction.

Methods

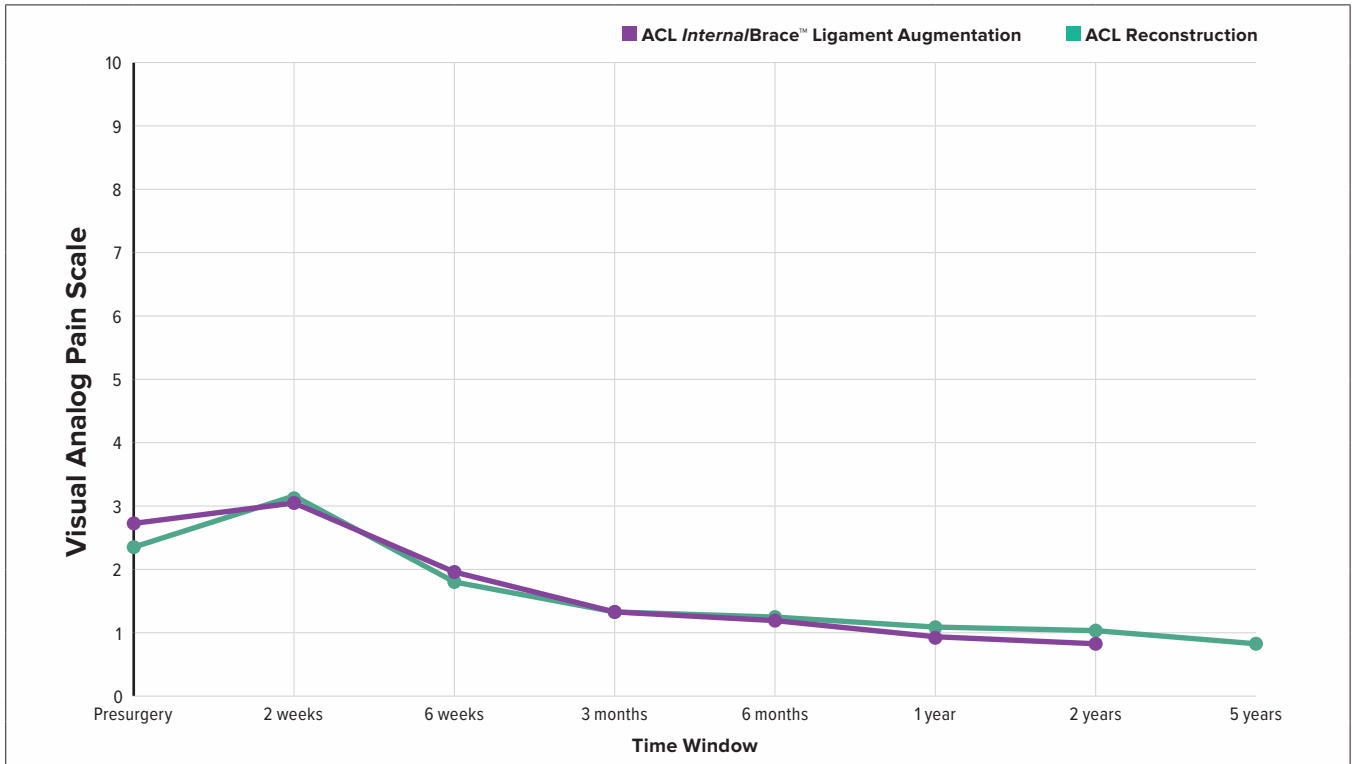
The inclusion criteria for this analysis were patients enrolled in the Surgical Outcomes System™ global registry who underwent ACL repair with *Internal/Brace* ligament augmentation or ACL reconstruction. Standard patient-reported outcomes questionnaires for VAS, KOOS ADL, and SANE Knee were administered at standard time points postoperatively. Results were reported from presurgery to 5 years postsurgery. The number of patients included per group is shown below.

Time Point	# of Compliant ACL Repair <i>Internal/Brace</i> Ligament Augmentation Patients/Total Patients	# of Compliant ACL Reconstruction Patients/Total Patients
Presurgery	130/237	6101/9658
1 year	136/202	4008/7657
2 years	88/136	2608/5337
5 years	N/A	274/871

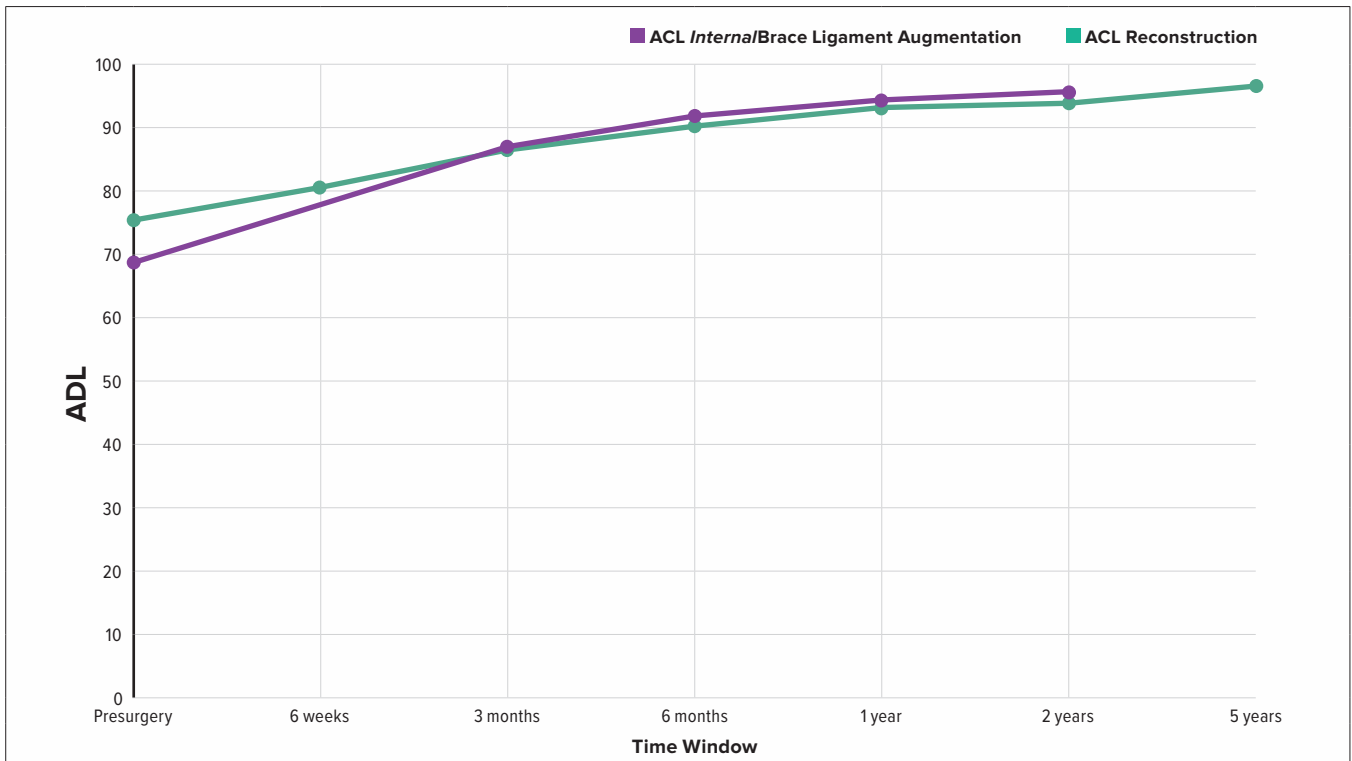
Trend Conclusion

Based on these results, the pain, function, and quality-of-life scores of ACL repair with *Internal/Brace* ligament augmentation appear to trend toward similar outcomes to ACL reconstruction. However, no claims can be made on the potential of these results without further analysis to determine statistical significance.

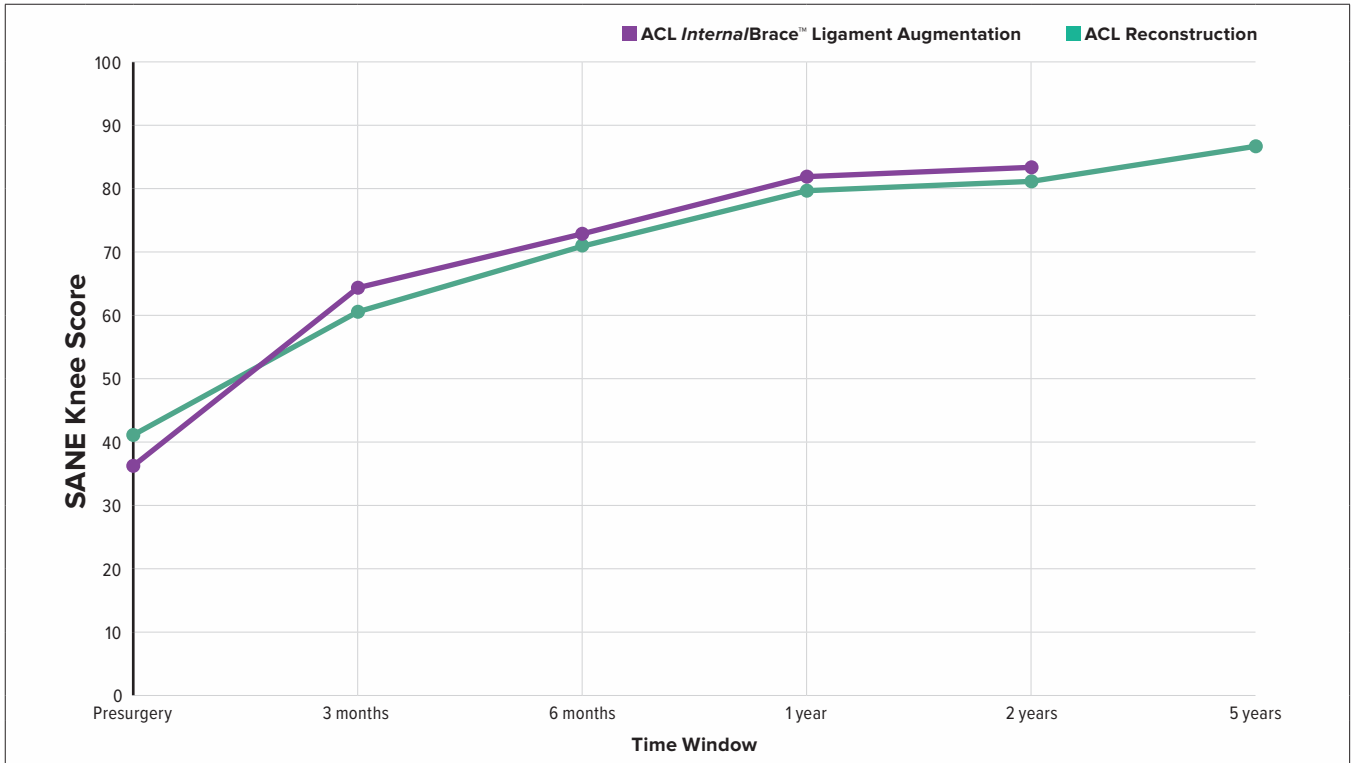
Results



VAS



KOOS-ADL



SANE

Time Point	ACL Repair With <i>InternalBrace</i> ™ Ligament Augmentation Avg ± STD VAS	ACL Reconstruction Avg ± STD VAS
Presurgery	2.8 ± 2.3	2.4 ± 2.2
1 year	0.9 ± 1.4	1.1 ± 1.6
2 years	0.8 ± 1.3	1.0 ± 1.6
5 years	N/A	0.8 ± 1.4

Time Point	ACL Repair With <i>InternalBrace</i> Ligament Augmentation Avg ± STD KOOS ADL	ACL Reconstruction Avg ± STD KOOS ADL
Presurgery	68.8 ± 21.4	75.1 ± 19.3
1 year	94.4 ± 10.1	92.8 ± 11.3
2 years	95.5 ± 9.4	93.8 ± 11.2
5 years	N/A	95.8 ± 9.1

Time Point	ACL Repair With <i>InternalBrace</i> Ligament Augmentation Avg ± STD SANE	ACL Reconstruction Avg ± STD SANE
Presurgery	36.0 ± 22.0	41.5 ± 23.3
1 year	82.2 ± 16.0	79.3 ± 17.4
2 years	84.3 ± 15.0	81.8 ± 18.1
5 years	N/A	86.1 ± 17.6