



# ATFL Repair With *Internal/Brace*™ Ligament Augmentation

## Purpose

To report the clinical outcomes of pain, function, and quality of life for patients who underwent lateral ligament disruption with instability using the *Internal/Brace* Ligament Augmentation Repair Kit.

## Methods

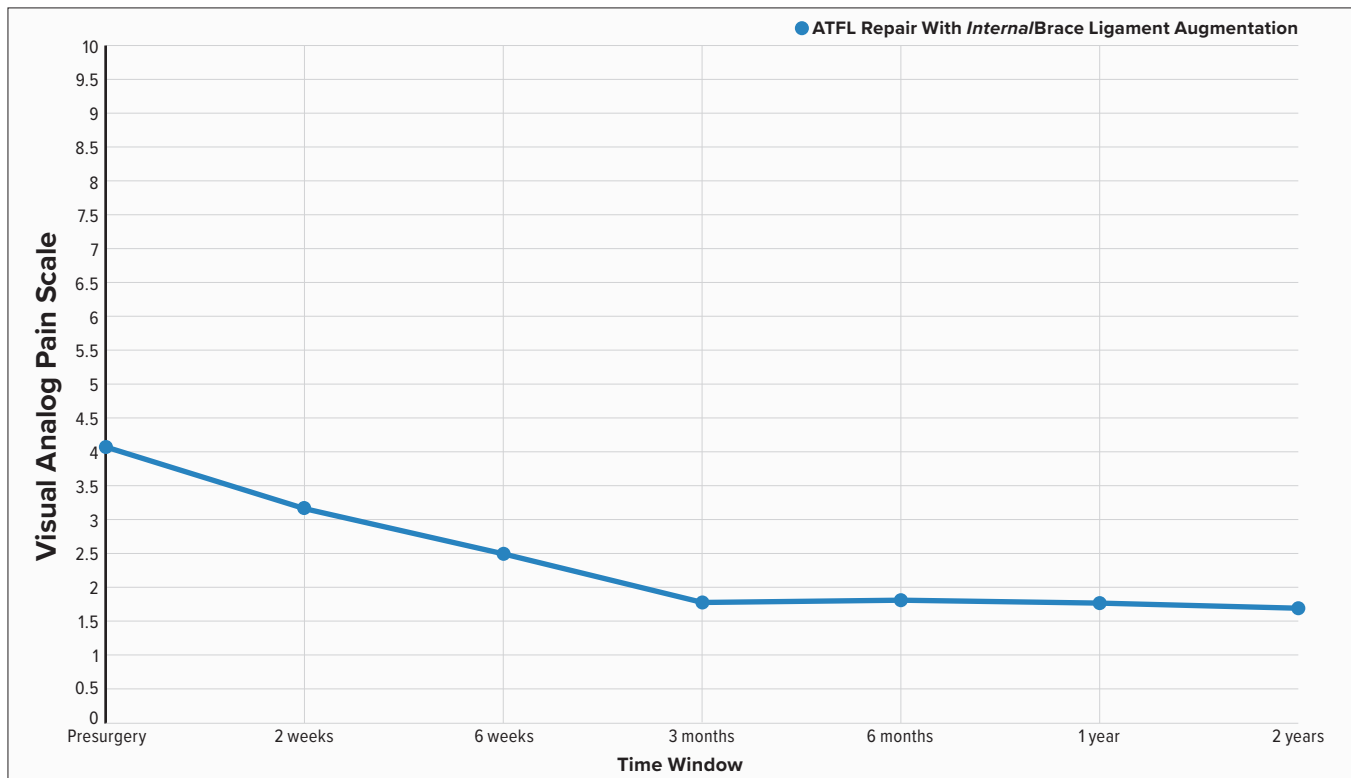
The inclusion criteria for this analysis were patients enrolled in the Surgical Outcomes System™ global registry who underwent ATFL *Internal/Brace*™ ligament augmentation. Standard patient-reported outcomes questionnaires for VAS, Foot and Ankle Ability Measure – sports scale (FAAM), and Foot Function Index (FFI) were administered at standard time points postoperatively. Results were reported from presurgery out to 2 years postsurgery. The number of patients included per group is shown to the right.

Time Point	# of Compliant ATFL <i>Internal/Brace</i> Ligament Augmentation Patients/Total Patients
Presurgery	163/207
2 weeks	176/228
6 weeks	182/221
6 months	129/181
1 year	108/162
2 years	77/119

## Trend Conclusion

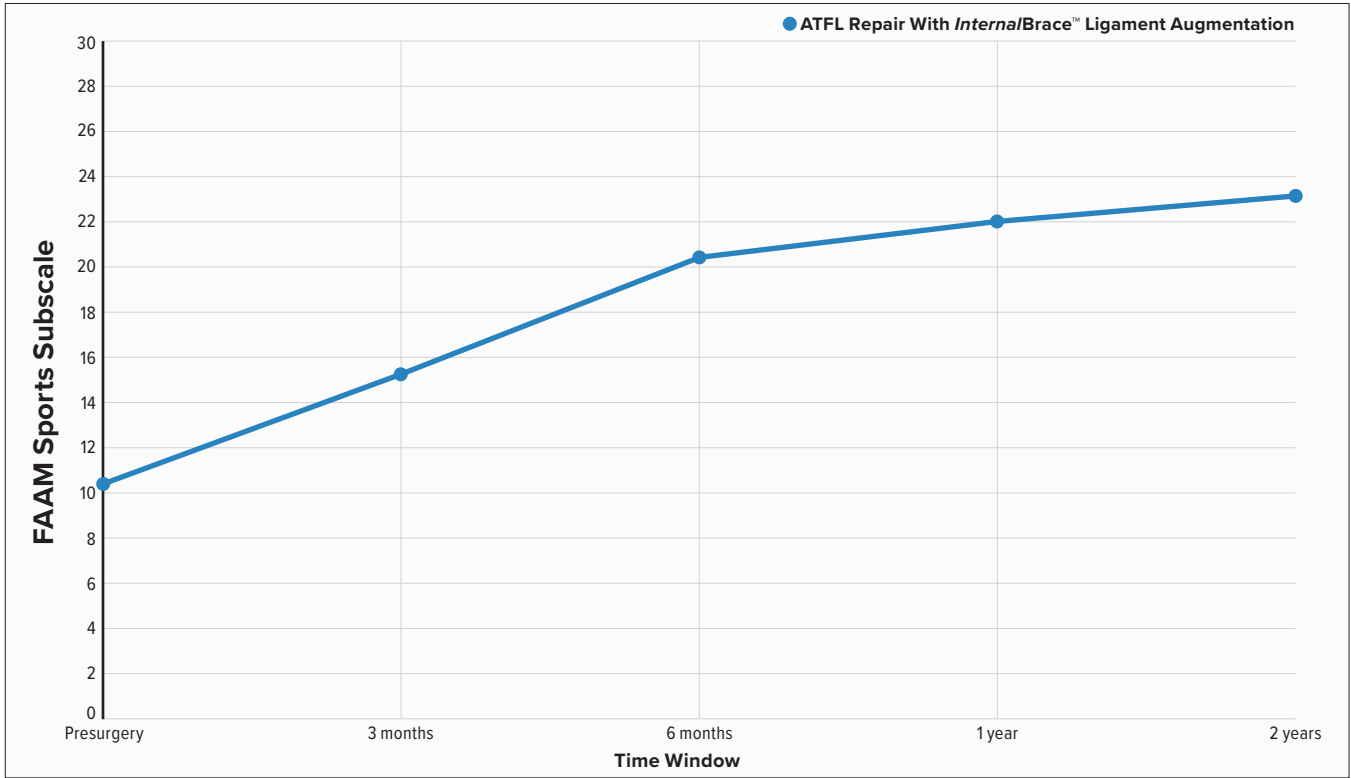
Based on these results, the pain, function, and quality-of-life scores of ATFL *Internal/Brace*™ ligament augmentation appear to trend towards lower pain and improved function. However, further statistical analysis is necessary to determine if these findings have statistical significance.

## Results

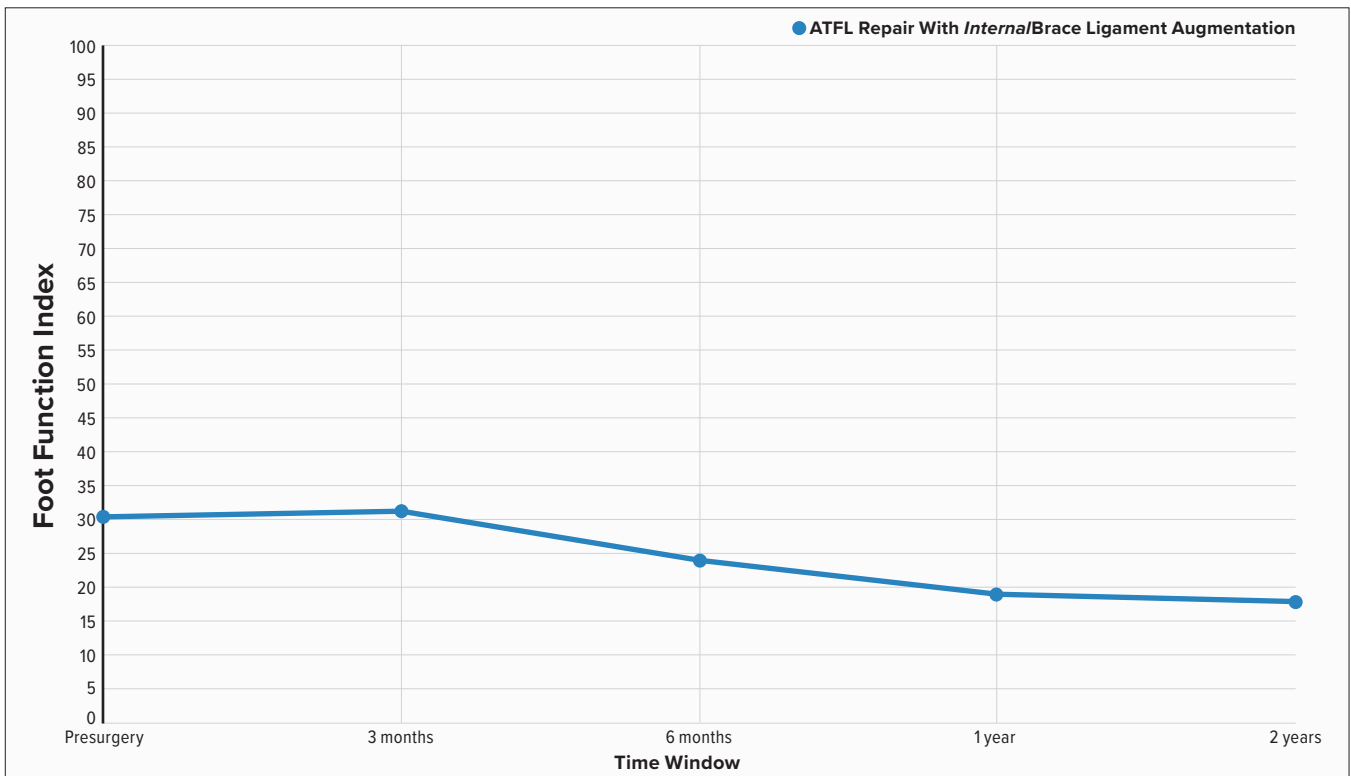


VAS





**FAAM Sports Subscale**



**Foot Function Index**



# Surgical Outcomes System

Time Point	ATFL Repair With <i>InternalBrace</i> ™ Ligament Augmentation Avg ± STD VAS
Presurgery	4.1 ± 2.5
6 months	1.8 ± 2.1
1 year	1.6 ± 2.0
2 years	1.4 ± 2.1

Time Point	ATFL Repair With <i>InternalBrace</i> Ligament Augmentation Avg ± STD FAAM Sports Subscale
Presurgery	10.2 ± 6.3
6 months	20.1 ± 10.1
1 year	22.0 ± 9.3
2 years	23.4 ± 9.7

Time Point	ATFL Repair With <i>InternalBrace</i> Ligament Augmentation Avg ± STD Foot Function Index
Presurgery	30.8 ± 13.7
6 months	24.8 ± 10.8
1 year	19.9 ± 10.7
2 years	18.5 ± 10.8