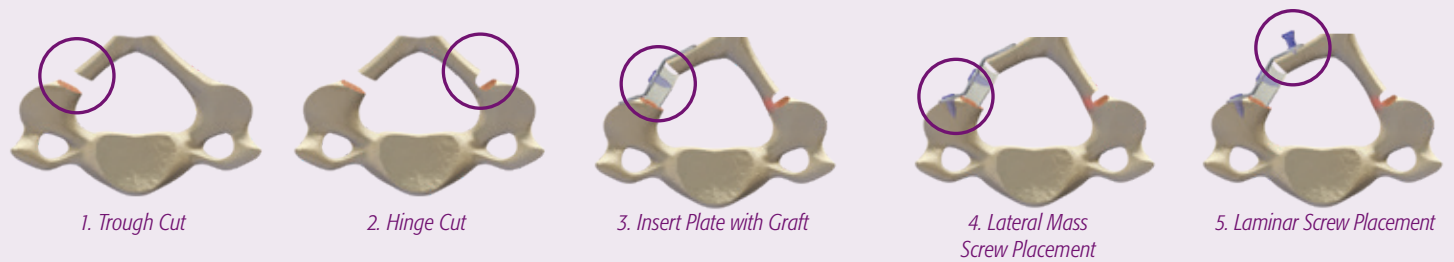


Redefining Laminoplasty

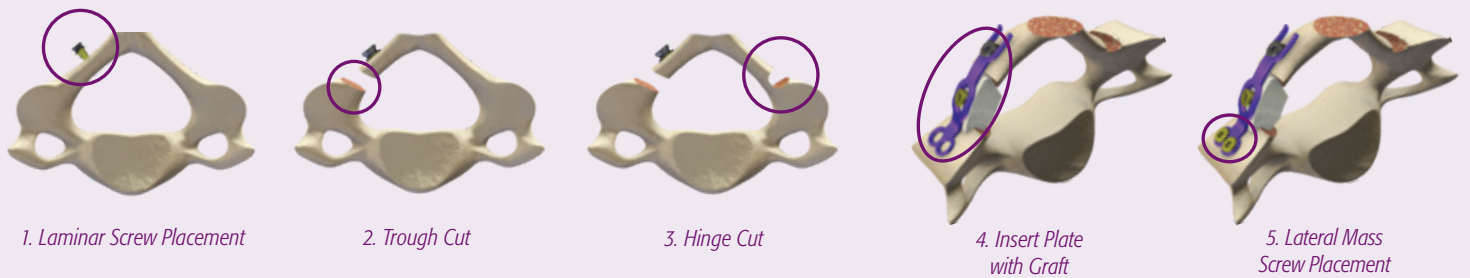
DESIGN RATIONALE

The goal of Leverage LFS is to introduce a complete laminoplasty system that can provide the surgeon with an easy, safe, and reproducible open door laminoplasty procedure. Most notably, we wanted to eliminate the most delicate steps of drilling and screwing over an exposed cord and hinged lamina. The goals of safety, reproducibility, and ease-of-use are available with the novel U-Shape plate design and collared Laminar Screw. The combination allows for drilling and screwing over an intact lamina, by moving the last step in the current procedure to the first step in the Leverage LFS procedure. This may reduce risk and danger, to create a safer procedure. The wide offering of plate sizes and lateral mass screw hole orientations facilitates easy instrumentation for diverse patient anatomy.

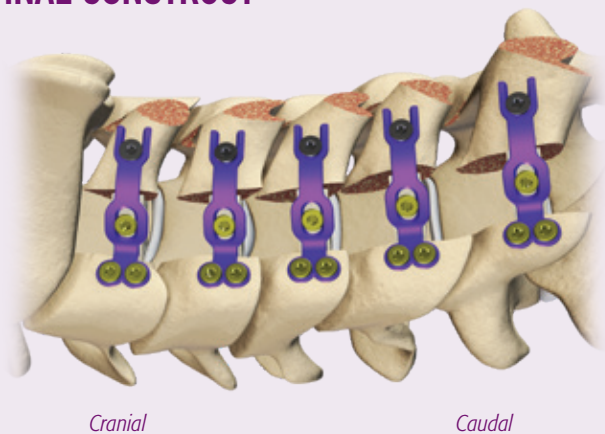
Current Competitive Procedure



Leverage LFS Procedure



FINAL CONSTRUCT



Surgeon Value

The NuVasive Leverage Laminoplasty Fixation System is designed to provide a greater level of patient safety and ease-of-use while retaining all the benefits of the open door laminoplasty procedure.

Leverage LFS Overview

3 TYPES OF PLATES



Traditional Plate

- Four sizes (S, M, L, XL)
- Color-coded
- Two lateral mass screw orientations
- Plate arc
- Laminar mouth



Graft Plate

- Four sizes (S, M, L, XL)
- Color-coded
- Two lateral mass screw orientations
- Plate arc



Large Laminar Plate

- Four sizes (S, M, L, XL)
- Color-coded
- Plate arc
- Laminar mouth

SCREWS AND ALLOGRAFT



Laminar Screw

- 2.6 and 3.0mm diameters
- Unique collar to engage plate
- 5mm length



Lateral Mass Screw

- 2.6 and 3.0mm diameters
- 5, 6, 7, and 8mm lengths
- Color-coded



Allograft

- Four sizes that correlate to plate sizes

FEATURES AND BENEFITS



1 U-Shape

- Holds the lamina open and facilitates plate insertion after the laminar screw is placed, helping mitigate risks associated with drilling and screwing over an exposed spinal cord

2 Plate Arc

- Allows more room for the spinal cord

3 Lateral Mass Foot

- Allows for easy and sturdy placement of the lateral mass screws without plate slippage

4 Laminar Mouth

- Supports the lamina

5 Lateral Mass Screw Orientation

- Available in Medial-Lateral and Cranial-Caudal orientations for surgeon preference and to address diverse patient anatomy

6 Laminar Screw Collar

- Allows Laminar Screw placement before the trough and hinge cuts are made, helping mitigate the risks associated with drilling and screwing over an exposed spinal cord and hinged lamina

LEVERAGE LFS INSTRUMENTS

DESCRIPTION	CATALOG #
Stab-n-Grab Screwdriver	7650710
Fixed Plate Holder	7650715
Adjustable Needle Nose Plate Holder	7650720
Universal Handle	7650725
Bone Cutter	7650730
S-M Graft Trial	7650735
L-XL Graft Trial	7650740
Laminar Screw Template Tool	7650745
5mm Fixed Drill	7650750
1mm Kerrison	7650765
2mm Kerrison	7650770
4-0 Up-Angled Curette	7650775

DISPOSABLE INSTRUMENTS

3mm Drill Shaft	7650753
5mm Drill Shaft	7650755
6mm Drill Shaft	7650756
7mm Drill Shaft	7650757
8mm Drill Shaft	7650758

LEVERAGE LFS IMPLANTS

DESCRIPTION	CATALOG #
PLATES	
Traditional Plate (Cranial-Caudal Hole)	
8mm Small Traditional Plate (C-C)	7650008
9.5mm Medium Traditional Plate (C-C)	7650009
11mm Large Traditional Plate (C-C)	7650011
12.5mm Extra-Large Traditional Plate (C-C)	7650012
Traditional Plate (Medial-Lateral Hole)	
8mm Small Traditional Plate (M-L)	7650108
9.5mm Medium Traditional Plate (M-L)	7650109
11mm Large Traditional Plate (M-L)	7650111
12.5mm Extra-Large Traditional Plate (M-L)	7650112
Graft Plate (Cranial-Caudal Hole)	
8mm Small Graft Plate (C-C)	7650208
9.5mm Medium Graft Plate (C-C)	7650209
11mm Large Graft Plate (C-C)	7650211
12.5mm Extra-Large Graft Plate (C-C)	7650212

LEVERAGE LFS IMPLANTS

DESCRIPTION	CATALOG #
PLATES	
Graft Plate (Medial-Lateral Hole)	
8mm Small Graft Plate (M-L)	7650308
9.5mm Medium Graft Plate (M-L)	7650309
11mm Large Graft Plate (M-L)	7650311
12.5mm Extra-Large Graft Plate (M-L)	7650312
Large Laminar Plate (Cranial-Caudal Hole)	
8mm Large Laminar Plate (C-C)	7650408
9.5mm Large Laminar Plate (C-C)	7650409
11mm Large Laminar Plate (C-C)	7650411
12.5mm Large Laminar Plate (C-C)	7650412
LATERAL MASS SCREWS	
2.6mm Lateral Mass Screws	
2.6 x 5mm Lateral Mass/Graft Screw	7650505
2.6 x 6mm Lateral Mass Screw	7650506
2.6 x 7mm Lateral Mass Screw	7650507
2.6 x 8mm Lateral Mass Screw	7650508
3.0mm Lateral Mass Screws	
3.0 x 5mm Lateral Mass/Graft Screw	7650605
3.0 x 6mm Lateral Mass Screw	7650606
3.0 x 7mm Lateral Mass Screw	7650607
3.0 x 8mm Lateral Mass Screw	7650608
LAMINAR SCREWS	
2.6mm Laminar Screws	
2.6 x 5mm Laminar Screw	7650705
3.0mm Laminar Screws	
3.0 x 5mm Laminar Screw	7650805
LEVERAGE LFS ALLOGRAFT	
DESCRIPTION	CATALOG #
ALLOGRAFT	
Small Laminoplasty Allograft	7650808
Medium Laminoplasty Allograft	7650809
Large Laminoplasty Allograft	7650811
Extra-Large Laminoplasty Allograft	7650812



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