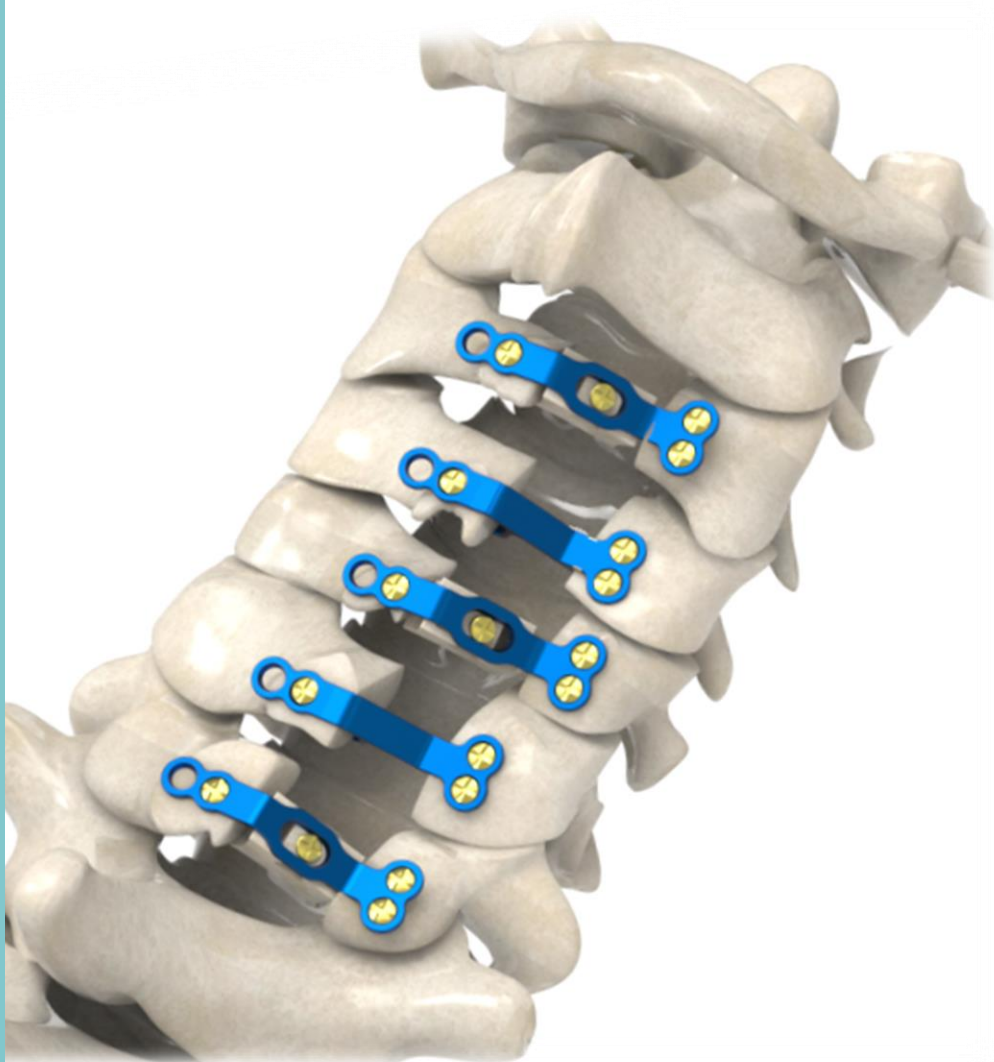


TARDIS

Laminoplasty System



INTRODUCTION

In cervical spondylosis, herniated discs; osteophytes; arthritic facet joints; buckled, thickened, or ossified ligamentum flavum; and hypertrophy or ossification of the posterior longitudinal ligament may all cause multilevel cervical stenosis, resulting in spinal cord compression. Chronic compression of the cervical spinal cord causes the clinical syndrome of cervical spondylotic myelopathy (CSM). Laminoplasty is an effective procedure for treating cervical spondylotic myelopathy (CSM). The main goals of laminoplasty are to widen the central spinal canal and decompress the spinal cord, preserve the protective structures of the spine, and preserve spinal mobility.

The TARDIS™ Laminoplasty System is a comprehensive set of implants and instruments designed for a systematic approach to cervical laminoplasty procedures. The TARDIS™ Laminoplasty System is intended for use in the lower cervical and upper thoracic spine (C3–T3) after a laminoplasty has been performed. The system is also designed to keep the spacer/allograft in place in order to prevent the spacer/allograft from expulsion or impinging the spinal cord.

Implant Features

Hook Laminoplasty Plates

- Double bend plates enhanced with a buttress against the lateral mass and a hook against the open lamina to stabilize the lamina in the open position as screws are inserted.
- **KICKSTAND** design of plate aids in stability when placed on lateral mass.
- pre-contoured plate design.

Spacer Laminoplasty Plates

- 8-16 mm lengths (in 2 mm increments) that work with various spacers.
- Oval shaped center screw hole in the spacer plate allows for fine adjustments of the plate on the spacer.
- Double-bend design, low-profile to allow further contouring.
- Anterior ridges resist slippage and increase torsional stability.

Hinge Laminoplasty Plates

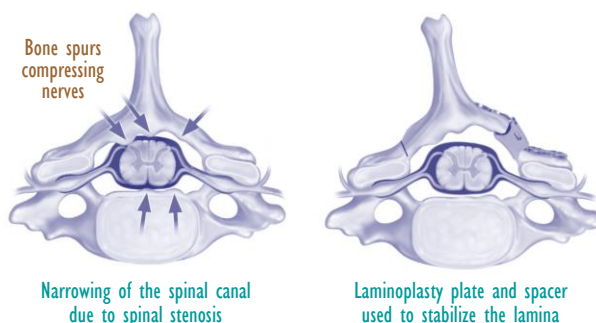
- Small angled plate designed to secure a floppy or displaced hinge
- Single-bend design, low-profile to allow further contouring.
- Anterior ridges resist slippage and increase torsional stability.



Indications

The TARDIS™ Laminoplasty System is intended for use in the lower cervical and upper thoracic spine (C3–T3) after a laminoplasty has been performed.

- Ossification of the posterior longitudinal ligament (OPLL) over multiple levels with maintained cervical lordosis
- Congenital canal stenosis with maintained cervical lordosis
- Multilevel cervical spondylosis with maintained cervical lordosis
- Posterior compression from ligamentous hypertrophy with maintained cervical lordosis



IMPLANT INFORMATION



Spacer laminoplasty Plates, with inline holes

REF (TIT)	LAMINAR GAP
MOI 37597008	8 mm
MOI 37597010	10 mm
MOI 37597012	12 mm
MOI 37597014	14 mm
MOI 37597016	16 mm



Spacer laminoplasty Plates, with side-by-side holes

REF (TIT)	LAMINAR GAP
MOI 37598008	8 mm
MOI 37598010	10 mm
MOI 37598012	12 mm
MOI 37598014	14 mm
MOI 37598016	16 mm



Hook Laminoplasty Plates, with inline holes

REF (TIT)	MOUTH HEIGHT	LAMINAR GAP
MOI 37599008	5 mm	8 mm
MOI 37599010		10 mm
MOI 37599012		12 mm
MOI 37599014		14 mm
MOI 37599016		16 mm
MOI 37605008	7 mm	8 mm
MOI 37605010		10 mm
MOI 37605012		12 mm
MOI 37605014		14 mm
MOI 37605016		16 mm



Hook Laminoplasty Plates, with side-by-side holes

REF (TIT)	MOUTH HEIGHT	LAMINAR GAP
MOI 37600008	5 mm	8 mm
MOI 37600010		10 mm
MOI 37600012		12 mm
MOI 37600014		14 mm
MOI 37600016		16 mm
MOI 37606008	7 mm	8 mm
MOI 37606010		10 mm
MOI 37606012		12 mm
MOI 37606014		14 mm
MOI 37606016		16 mm



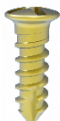
Hinge Laminoplasty Plates

REF (TIT)	HOLES TYPE
MOI 37601001	Inline
MOI 37601002	Side-by-side



PEEK Laminoplasty Spacer

REF (PEEK)	LAMINAR GAP
MOI 37602008	8 mm
MOI 37602010	10 mm
MOI 37602012	12 mm
MOI 37602014	14 mm
MOI 37602016	16 mm



Cortez Screw 2.0 mm, cruciform, self-tapping

REF (TIT)	LEN (MM)
MOI 37603005	5
MOI 37603006	6
MOI 37603008	8
MOI 37603010	10
MOI 37603012	12



Cortez Screw 2.5 mm, cruciform, self-tapping

REF (TIT)	LEN (MM)
MOI 37604005	5
MOI 37604006	6
MOI 37604008	8
MOI 37604010	10
MOI 37604012	12



| **SPINE**

USA OFFICE

2711 S Ocean Dr.
Unit 2704
Hollywood, FL 33019

PUERTO RICO OFFICE

1660 Santa Ana Street
Esq. Fidalgo Diaz,
San Juan, Puerto Rico 00909

E-mail: info@madisonorthoinc.com
Website: www.madisonorthoinc.com

