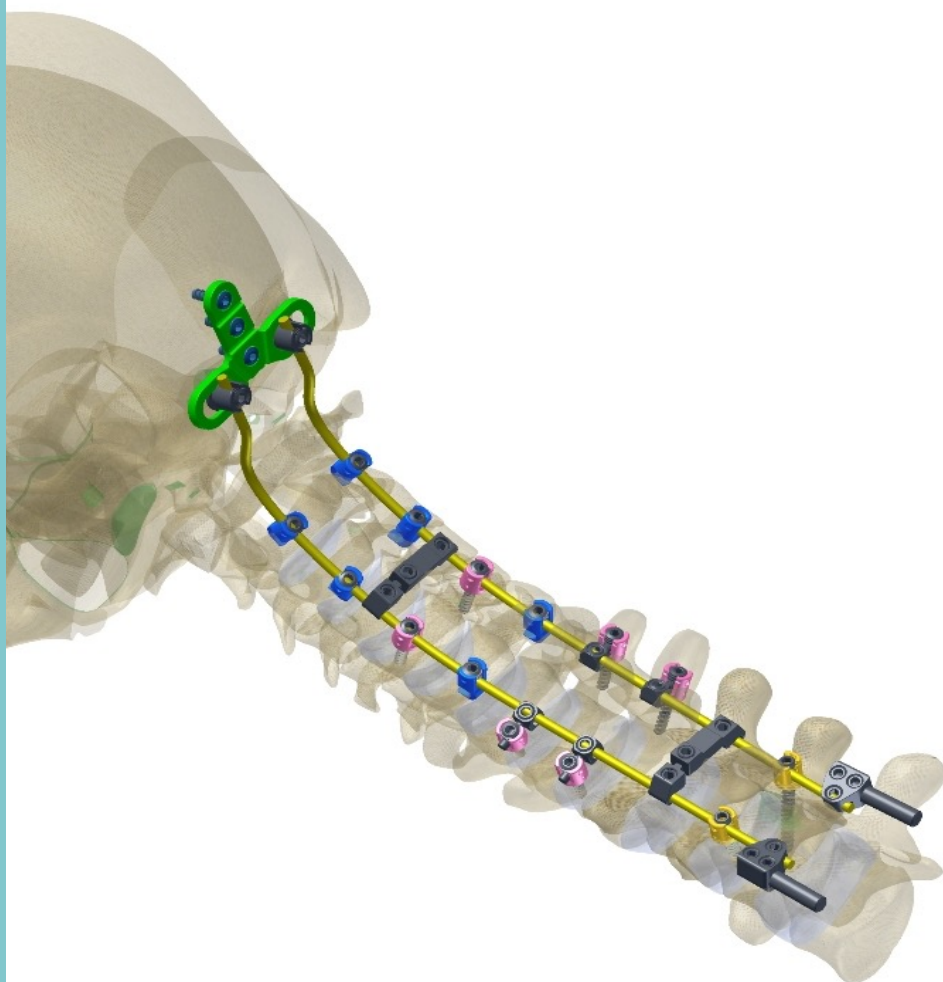


PLUTO

Occipito-Cervical Fusion System (OCF)



INTRODUCTION

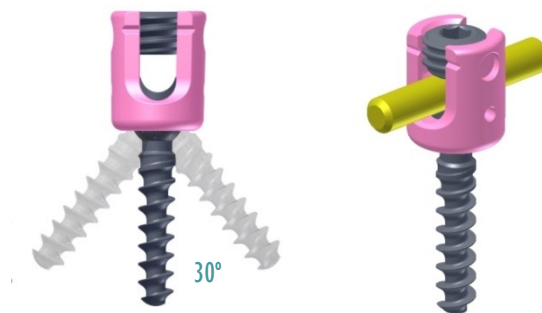
The PLUTO™ Occipito-Cervical Fusion System is a versatile system that is designed to be effective in treating the more challenging cases in the posterior occipito-cervical and upper thoracic spine.

The PLUTO™ System is comprised of cervical laminar hooks, thoracic poly-axial screws, and lateral rod connectors and midline occipital plates. The laminar hook is designed to provide excellent fit and fixation to the sub-axial cervical and upper thoracic spine. The poly-axial screw offers a degree of angulation and independent screw placement that reduces the need to contour the rod. A lateral rod connector provides a way to connect non-linear poly-axial screws to the rod. This enables us to best fit the anatomy of our patient. The occipital plate is intended to provide stabilization and promote fusion of the occipito-cervical junction.

Implant Features

Poly-Axial Screw (PAS)

- Accepts 3.2 mm rod
- Max 60° conical angulation or 30° in any direction
- Fully threaded PAS in 3.5mm and 4.0mm diameters
- Top loading allows for independent placement
- Colour-coded by bone screw diameter



Laminar Hooks

- Optimal sizes for cervical lamina
- Accepts 3.2mm rod



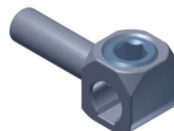
Double Rod Connector

- Enables connection from 3.2mm rod diameter to 5.5mm rod diameter
- Allows for medial/lateral offset of rods at the transition point



Lateral Rod Connector

- Allows for medial/lateral offset to accommodate nonlinear screws
- Provides additional options for screw placement
- Dorsal height adjustment capabilities to accommodate screw height differences



Midline Occipital Plate

- Available in 3 holes (Medial) and 4 holes (Lateral)
- Apply for occipito-cervical fusion for instability



Multi-Span Crosslink Plate

- Adjustable design and various sizes to accommodate varying distances between rods
- Arched design allows room for patient anatomy
- Single-component design for easy placement



3.2mm Titanium Rod

- Easily contours to meet individual patient anatomy

Indications

The PLUTO™ Spine System is designed for posterior stabilization of the occipito-cervical spine and upper thoracic spine. The implants provide the flexibility required to accommodate variations in patient anatomy.

- ◆ Instabilities in the occipito-cervical spine.
- ◆ Degenerative and painful post-traumatic conditions in the (insert space) lower cervical and upper thoracic spine.
- ◆ Instabilities in the lower cervical and upper thoracic spine.
- ◆ Anterior cervical fusions requiring additional posterior stabilization.

IMPLANT INFORMATION

[Material in Titanium Alloy (Ti-6Al-4V)]



Midline Occipital Plate, 3 Holes

SIZE	REF
3 Holes	MOI 37108003



Occipital Cervical Plate, 4 Holes

SIZE	REF
4 Holes	MOI 37109004



Hook, 3.2 mm

SIZE	REF
3.2 X 6.0 mm	MOI 37103060
3.2 X 4.5 mm	MOI 37103045



Multi-Span Crosslink Plate

SIZE	REF
25 - 30 mm	MOI 37104050
30 - 40 mm	MOI 37104060
40 - 60 mm	MOI 37104070



Double Rod Connector, 3.2 mm

SIZE	REF
3.2 X 5.5 mm	MOI 37105055
3.2 X 6.0 mm	MOI 37105060



Lateral Rod Connector, 3.2 mm

SIZE	REF
3.2 X 3.2 mm	MOI 37106060



Set Screw

SIZE	REF
3.2 mm	MOI 37107032



Occipital Screw 4.0 mm

SIZE	REF
4.0 X 5.0 mm	MOI 37110050
4.0 X 6.0 mm	MOI 37110060
4.0 X 7.0 mm	MOI 37110070
4.0 X 8.0 mm	MOI 37110080



Poly-Axial Screw (PAS), 3.5 mm

SIZE	REF
3.5 X 12 mm	MOI 37101012
3.5 X 14 mm	MOI 37101014
3.5 X 16 mm	MOI 37101016
3.5 X 18 mm	MOI 37101018
3.5 X 20 mm	MOI 37101020
3.5 X 22 mm	MOI 37101022
3.5 X 24 mm	MOI 37101024
3.5 X 26 mm	MOI 37101026
3.5 X 28 mm	MOI 37101028
3.5 X 30 mm	MOI 37101030



Poly-Axial Screw (PAS), 4.0 mm

SIZE	REF
4.0 X 12 mm	MOI 37102012
4.0 X 14 mm	MOI 37102014
4.0 X 16 mm	MOI 37102016
4.0 X 18 mm	MOI 37102018
4.0 X 20 mm	MOI 37102020
4.0 X 22 mm	MOI 37102022
4.0 X 24 mm	MOI 37102024
4.0 X 26 mm	MOI 37102026
4.0 X 28 mm	MOI 37102028
4.0 X 30 mm	MOI 37102030



Rod, 3.2 mm

SIZE	REF
3.2 X 30 mm	MOI 37112030
3.2 X 40 mm	MOI 37112040
3.2 X 50 mm	MOI 37112050
3.2 X 60 mm	MOI 37112060
3.2 X 70 mm	MOI 37112070
3.2 X 80 mm	MOI 37112080
3.2 X 90 mm	MOI 37112090
3.2 X 100 mm	MOI 37112100
3.2 X 200 mm	MOI 37112200
3.2 X 300 mm	MOI 37112300

Occipital Plate/Rod (optional)

SIZE	REF
3.2 X 100 mm	MOI 37111100
3.2 X 200 mm	MOI 37111200





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