

POSEIDON™

POSTERIOR OCCIPITO-CERVICO-THORACIC (OCT) SYSTEM



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INTRODUCTION

The POSEIDON™ Spinal Fixation System is designed to provide simple and comprehensive stabilization solutions for posterior spinal fixation of the Occipito-Cervico-Thoracic spine.

This unique system combines simplicity and versatility allowing the surgeon to design constructs which are responsive to the unique anatomy and the requirements of the pathology being treated

- 3.5mm Rods system
- 3.5mm/4.0mm Poly Axial Screws Diameter
- Lateral Mass Screws, Pedicles Screws, Smooth Shank Screws available
- Reduction Screws also available
- Straight, pre-bending Rods from 30mm to 400mm
- Transition Rods available from $\varnothing 3.5$ mm rod with $\varnothing 4.5/5.5/6.0$ mm
- Wide range of connectors
($\varnothing 3.5$ mm rod to $\varnothing 3.5/4.5/5.0/5.5/6.0/6.35$ mm rods)

INDICATIONS

The POSEIDON™ Spinal Fixation System is used for Instabilities In the upper cervical and in the occipitocervical region:

- Degenerative Disc Disease
- Spondylolisthesis
- Spinal stenosis
- Fracture and dislocation
- Atlantoaxial fracture with instability
- Occipito-cervical dislocation
- Revision of previous cervical spine surgery
- Tumors

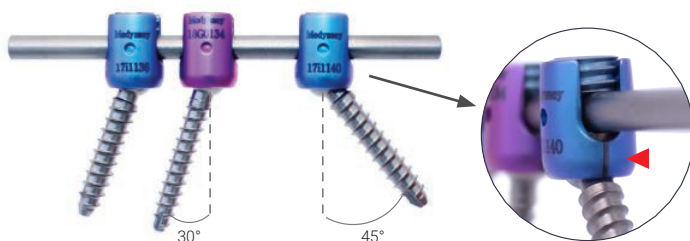
CONTRAINDICATIONS

- Severe osteoporosis
- Previous history of infection
- Excessive local inflammation
- Open wounds
- Obesity
- Patients having inadequate tissue coverage of the operative site
- Pregnancy, a condition of senility, mental illness, or substance abuse
- Foreign body sensitivity

*For more details, please refer to the POSEIDON™ IFU.



POSEIDON™ SYSTEM COMPETITIVE ADVANTAGE



• Biased Angle

The POSEIDON™ Poly Axial Screw has a 60° cone of angulation with an additional 15° biased in one direction. The black laser line on the housing indicates that this side of screw has a 45° angulation while the other side has 30°. This additional biased angulation (on the black laser line) allows optimal contact with the posterior elements in situation where the patients presents with challenging anatomy.



• Smooth Shank Screw

The POSEIDON™ Smooth Shank Poly Axial screws are available in diameter of 4.0mm. The Smooth Shank Screw has a non-threaded shank to potentially avoid nerve root or tissue irritation.

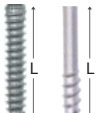


• Reduction Screw

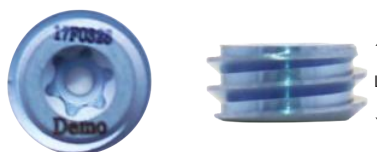
The POSEIDON™ reduction screws are available in both poly Axial screws and smooth shank screws. The reduction screw provides extra reach when the rod is further away from the screw head. It becomes a normal poly axial screw after reduction tabs have been removed.



POSEIDON™ SCREWS (FOR Ø3.5MM ROD)

Head Diameter(mm) = 8.5		POLY AXIAL SCREW		SMOOTH SHANK SCREW	
					
D(mm)	L (mm)	POLY	REDUCTION	SMOOTH SHANK	REDUCTION
3.5	10	PP03510	RPP3510	-	-
	12	PP03512	RPP3512	-	-
	14	PP03514	RPP3514	-	-
	16	PP03516	RPP3516	-	-
	18	PP03518	RPP3518	-	-
	20	PP03520	RPP3520	-	-
	22	PP03522	RPP3522	-	-
	24	PP03524	RPP3524	-	-
	26	PP03526	RPP3526	-	-
	28	PP03528	RPP3528	-	-
	30	PP03530	RPP3530	-	-
	32	PP03532	RPP3532	-	-
	34	PP03534	RPP3534	-	-
	36	PP03536	RPP3536	-	-
4.0	10	PP04010	RPP4010	-	-
	12	PP04012	RPP4012	-	-
	14	PP04014	RPP4014	-	-
	16	PP04016	RPP4016	-	-
	18	PP04018	RPP4018	-	-
	20	PP04020	RPP4020	PPOS4020	RPPS4020
	22	PP04022	RPP4022	PPOS4022	RPPS4022
	24	PP04024	RPP4024	PPOS4024	RPPS4024
	26	PP04026	RPP4026	PPOS4026	RPPS4026
	28	PP04028	RPP4028	PPOS4028	RPPS4028
	30	PP04030	RPP4030	PPOS4030	RPPS4030
	32	PP04032	RPP4032	PPOS4032	RPPS4032
	34	PP04034	RPP4034	PPOS4034	RPPS4034
	36	PP04036	RPP4036	PPOS4036	RPPS4036

* SET SCREW



CODE	Dia Ø	L
SA070	Ø7.0mm	3.2mm

POSEIDON™ ROD (TITANIUM ALLOY)

* 4.0mm Rods also available

STRAIGHT TI ROD



CODE	Dia Ø	L
R35030	Ø3.5mm	30mm
R35040		40mm
R35050		50mm
R35060		60mm
R35080		80mm
R35090		90mm
R35100		100mm
R35120		120mm
R35140		140mm
R35160		160mm
R35180		180mm
R35200		200mm
R35240		240mm
R35260		260mm

TRANSITION ROD



CODE	Dia Ø	L
DR3545	Ø3.5 X Ø4.5mm	200mm
DR3555	Ø3.5 X Ø5.5mm	200mm
DR3560	Ø3.5 X Ø6.0mm	200mm
DR3545L	Ø3.5 X Ø4.5mm	400mm
DR3555L	Ø3.5 X Ø5.5mm	400mm
DR3560L	Ø3.5 X Ø6.0mm	400mm

OCP ROD



CODE	Dia Ø	L
OR35120	Ø3.5mm	120mm
OR35240		240mm

OCP PRE-BENDING ROD



CODE	Dia Ø	L
BR35120	Ø3.5mm	120mm
BR35220		220mm

HINGE ROD



CODE	Dia Ø	L
HR35120	Ø3.5mm	120mm
HR35240		240mm

POSEIDON™ HOOKS & CONNECTORS

LAMINA HOOK(FOR 3.5MM ROD)



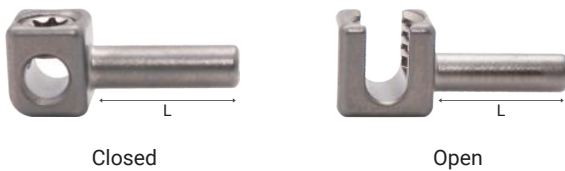
CODE	Dia Ø	L
PLH54	5mm	4.5mm
PLH56	5mm	6mm
PLH74	7mm	4.5mm
PLH76	7mm	6mm

OFFSET LAMINA HOOK (FOR 3.5MM ROD)



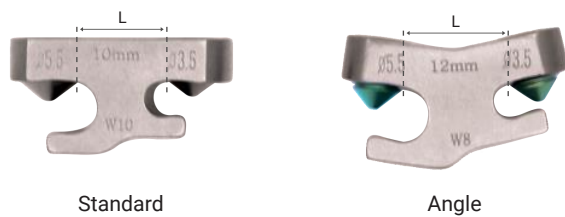
CODE	W
OLH4R	4.5mm
OLH6R	6mm
OLH4L	4.5mm
OLH6L	6mm

LATERAL OFFSET CONNECTOR (FOR 3.5MM ROD)



Closed	Open	L
LOC08	LNC08	8mm
LOC10	LNC10	10mm
LOC12	LNC12	12mm
LOC14	-	14mm

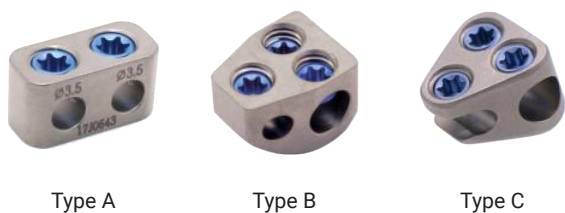
ROD TO ROD CONNECTOR



	CODE	Dia Ø	L
Standard	RC755358	Ø3.5 X Ø5.5mm	7mm
	RC760358	Ø3.5 X Ø6.0mm	
Angle	RCA755358	Ø3.5 X Ø5.5mm	
	RCA760358	Ø3.5 X Ø6.0mm	

*Length is from 7mm up to 16mm

ROD TO ROD CONNECTOR

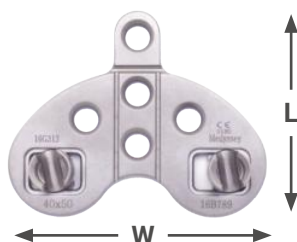


Type A	Type B	Type C	Dia Ø
PC3535	-	-	Ø3.5 X Ø3.5mm
-	PC3545	-	Ø3.5 X Ø4.5mm
-	PC3550	-	Ø3.5 X Ø5.0mm
-	PC3555	PCOC3555	Ø3.5 X Ø5.5mm
-	PC3560	PCOC3560	Ø3.5 X Ø6.0mm

POSEIDON™ OCP & CROSSLINKS

OCCIPITAL PLATE AND SCREW (FOR 3.5MM)

5 Hole Occipital Plate



CODE	W	L
OCP540	40mm	30mm
OCP550	50mm	40mm
LOCP540	40mm	30mm
LOCP550	50mm	40mm

Occipital Screw



CODE	L
OCB4506	6mm
OCB4507	7mm
OCB4508	8mm
OCB4509	9mm
OCB4510	10mm
OCB4511	11mm

*Length available up to 18mm

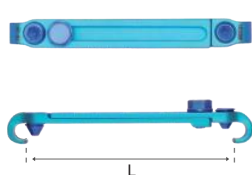
CROSSLINKS (FOR 3.5MM)

Round Type (Adjustable)



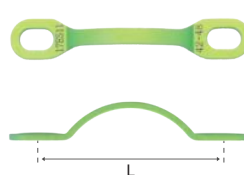
CODE	L
CLP18R	18mm
CLP21R	21mm
CLP25R	25mm
CLP33R	33mm
CLP49R	49mm

Straight Type (Adjustable)



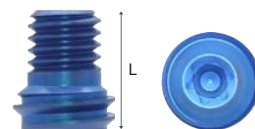
CODE	L
CLP18A	18mm
CLP21A	21mm
CLP25A	25mm
CLP33A	33mm
CLP49A	49mm

Head to Head Type



CODE	L
CLP21H	21mm
CLP28H	28mm
CLP35H	35mm
CLP42H	42mm
CLP49H	49mm

Head to Head Type Bolt & Nut



CODE	L
SA070L	7.7mm
SA070N	3mm

POSEIDON™ INSTRUMENTS



AWL

PNAW-001



Drill Guide

PNDG-001



Probe

PNPR-001



Poly screw Driver

PNPD-H01



Tester

PNTS-002



Quick Handle

APQH-101



Depth Gauge

PNDP-001



Starter(Double), T15

PNST-001



Pedicle Marker

Left
Right

PNPM-L01
PNPM-R01



Set Screw Driver, T15

Standard
Long type

PNSD-001
PNSD-002



Drill Bit

Ø2.0
Ø2.5
Ø3.0

PNDB-020
PNDB-025
PNDB-030



Anti-Torque

PNAT-001



Taps

Ø3.5
Ø4.0
Ø4.5

PNTP-035
PNTP-040
PNTP-045

* Non Sleeve Taps also available



Torque Wrench

PNTW-H3.8

POSEIDON™ INSTRUMENTS



Hook Finder

PNHF-001



Compressor

PNCO-001



Rod Holder

PNRH-001



Distractor

PNDR-001



Rod Template

PNTE-110
PNTE-240



Hook Holder

PNHH-001



Rod Bender

PNRB-001



Crosslink Holder

PNCH-001



Bending Irons

Right PNBI-R01
Left PNBI-L01



Crosslink Driver

Hex 5.01 PNCD-001
Hex 8.01 PNCD-002



Rod Derotator

PNRD-001



Rod Fork

PNRF-001



Rod Cutter

PNRC-001



Rod Pusher

PNRP-001

POSEIDON™ INSTRUMENTS



Alignment Tool

PNAL-001



Persuader

PNPS-001



Tab Remover

SPTR-001



OCP Drill Guide

16 or 14mm PNDG-011
12 or 10mm PNDG-021
8 or 6 mm PNDG-031



OCP Joint Drill Bit (Ø3.0)

PNJD-D30



OCP Joint Screw Driver, T15

PNJD-S01



OCP Joint Tap (Ø4.5)

PNJD-T45



OCP Straight Drill Bit (Ø3.0)

SPDB-030



OCP Anti-Torque

PNAT-011



OCP Straight Tap (Ø4.5)

SPST-045



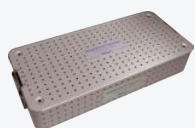
Screw Caddy

MPO-001



Connector Caddy

MPO-CC1



Instrument Tray

NOP-001

*More Special Instruments available



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