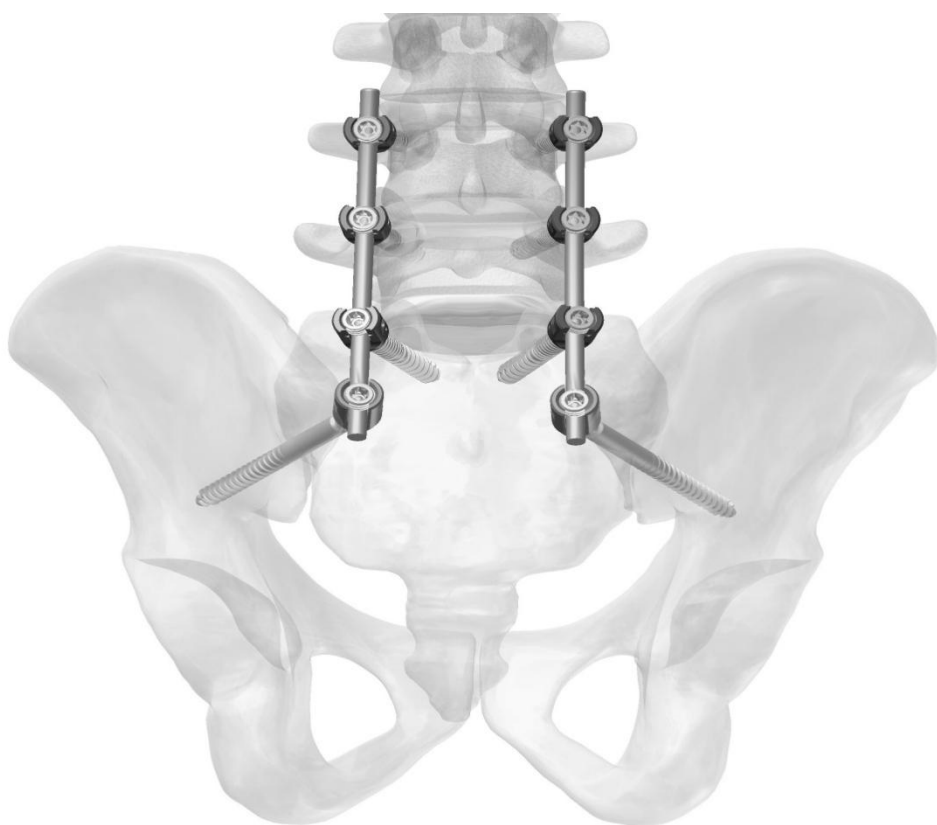


NEPTUNE-II 5.5

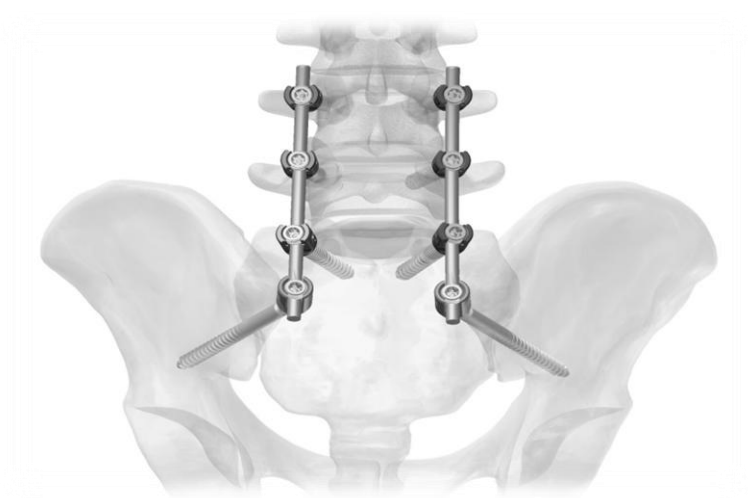
Sacral-Alar-Iliac (SAI) Fixation System



INTRODUCTION

The NEPTUNE-II™ 5.5 Sacral-Alar-Iliac (SAI) Fixation System is designed specifically for the Sacral-Alar-Iliac technique for sacropelvic fixation. The Sacral-Alar-Iliac Screw with a favored angle multi-axial head, smooth shank and robust drive feature is optimized for Sacral-Alar-Iliac placement.

The in-line construct of the system eliminates the need for offset connectors, providing more ability to manipulate pelvis in correcting deformity. Midline approach reduces the amount of soft tissue dissection to decrease the risk of wound complication, infection and blood loss.



Implant Features

- **Sacral-Alar-Iliac Screw head features:**
 - Favored angle, which ensures alignment with other implants and proper rod seating
 - Compatible with 5.5 rod systems
- Smooth shank portion of the Sacral-Alar-Iliac Screw may prevent screw threads from irritating the sacroiliac joint
- The Sacral-Alar-Iliac Screw offers a low profile with the ability to connect directly to the rod without the use of lateral connectors
- Cannulated Shank



Indications

- Long fusions to the sacrum
- High-grade spondylolisthesis
- Complex lumbosacral deformities
- Flat-back syndrome requiring corrective osteotomy
- Distal lumbar kyphosis requiring correction
- Pelvic obliquity correction
- Additional bone fixation needed in situations of deformity correction

IMPLANT INFORMATION

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

Sacral-Alar-Iliac Screws 5.5



DIA (mm)	LEN (mm)	REF (Multi-axial Screws)
7.0	65	MOI 37550065
7.0	70	MOI 37550070
7.0	80	MOI 37550080
7.0	90	MOI 37550090
7.0	100	MOI 37550100
7.0	110	MOI 37550110
8.0	65	MOI 37551065
8.0	70	MOI 37551070
8.0	80	MOI 37551080
8.0	90	MOI 37551090
8.0	100	MOI 37551100
8.0	110	MOI 37551110



Set Screw

SIZE	REF
5.5	MOI 37137055

Sacrum Screws - Multi-Axial Screw 5.5



DIA (mm)	LEN (mm)	REF (Standard Screws)
6.0	30	MOI 37116030
6.0	35	MOI 37116035
6.0	40	MOI 37116040
6.0	45	MOI 37116045
6.0	50	MOI 37116050
6.0	55	MOI 37116055
6.0	60	MOI 37116060
6.0	65	MOI 37116065
7.0	30	MOI 37118030
7.0	35	MOI 37118035
7.0	40	MOI 37118040
7.0	45	MOI 37118045
7.0	50	MOI 37118050
7.0	55	MOI 37118055
7.0	60	MOI 37118060
7.0	65	MOI 37118065
8.0	30	MOI 37433030
8.0	35	MOI 37433035
8.0	40	MOI 37433040
8.0	45	MOI 37433045
8.0	50	MOI 37433050
8.0	55	MOI 37433055
8.0	60	MOI 37433060
8.0	65	MOI 37433065

REQUIRED INSTRUMENT SETS

- NEPTUNE-II™ 5.5 Degenerative Basic Instrument Set (MOI NEPTUNE-II-D01)
- Additional Instrument Set for NEPTUNE-II™ 5.5 SAI Fixation System (MOI NEPTUNE-II-SAI-01)
 - MOI 0700040 Guide Wire 2.0 mm
 - MOI 0700041 Cannulated Drill Bit 7.0 mm
 - MOI 1203050 Tap, 8.0 mm
 - MOI 0700042 SAI Multi-Axial Screwdriver
 - MOI 0700043 SAI Counter Torque



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