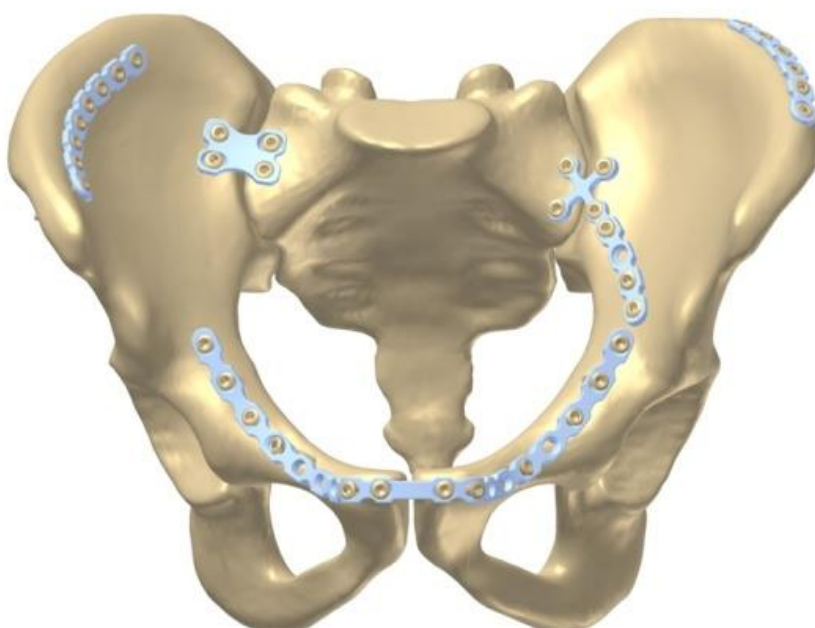


MANTARO

Pelvic Plating System



INTRODUCTION

The complex anatomy of the pelvic ring and acetabulum involve complex surgical exposures and demands exact anatomical reduction to achieve positive functional results.

Designed to treat a wide variety of challenging pelvic fractures, the MANTARO™ Pelvic Plating System contains a wide range of implants, reduction instruments, retractors and instruments for screw and plate fixation for the operative treatment of pelvic and acetabular fractures. Indication-specific plates are offered, as well as reconstruction-style plates to address a variety of fracture patterns that may occur.

The complete MANTARO™ Pelvic Instrument Sets have a wide range of standard instruments for screw insertion, plate adaptation (bending instruments) and fixation during reduction for preliminary and definitive stabilization of pelvic and acetabular fractures. The pelvic reduction forceps and other reduction instruments within the instrument set are designed to aid the surgeon with fracture reduction of pelvic injuries. The pelvic retractor set provides more options to aid the surgeon in achieving good visibility within the chosen approach.

Intended Use

Pelvic implants are intended for temporary fixation, correction or stabilization of bones in the pelvis.

Indications

■ Symphysis Fractures



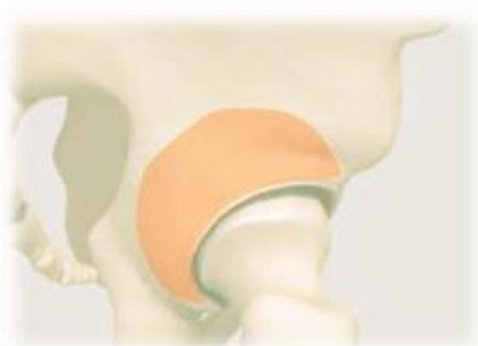
■ Pelvic Brim Fractures



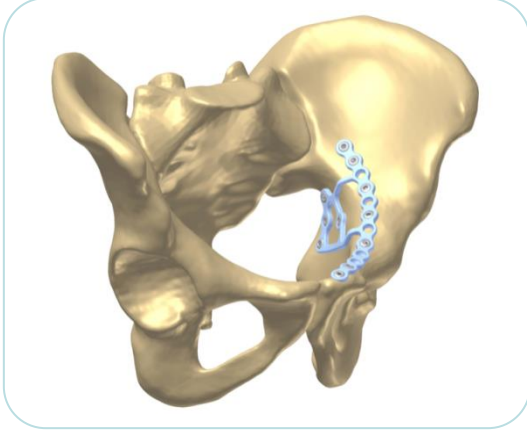
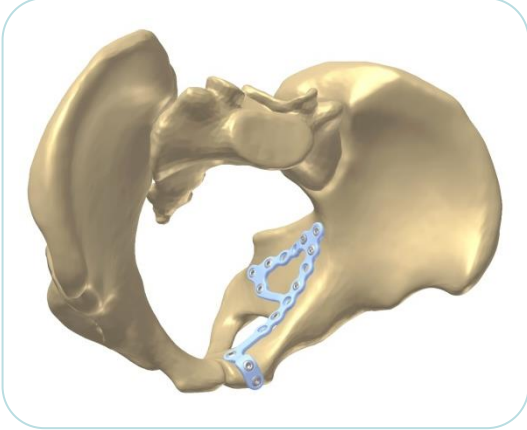
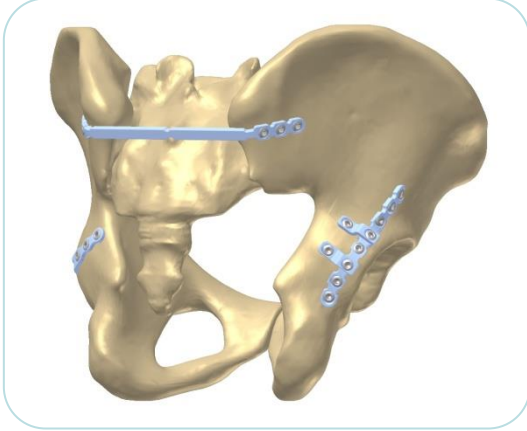
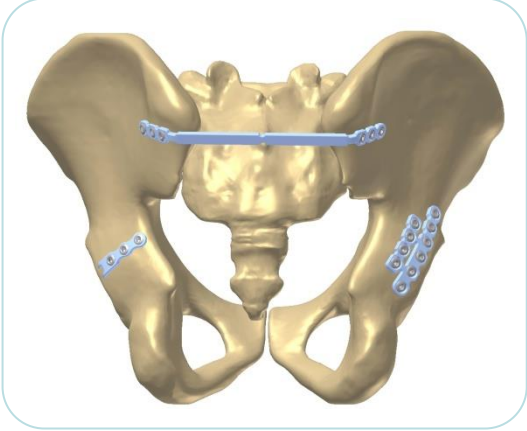
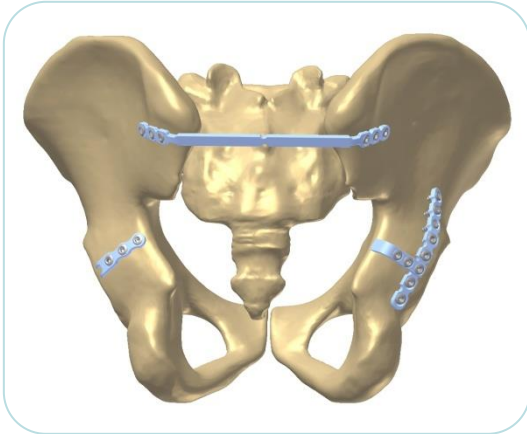
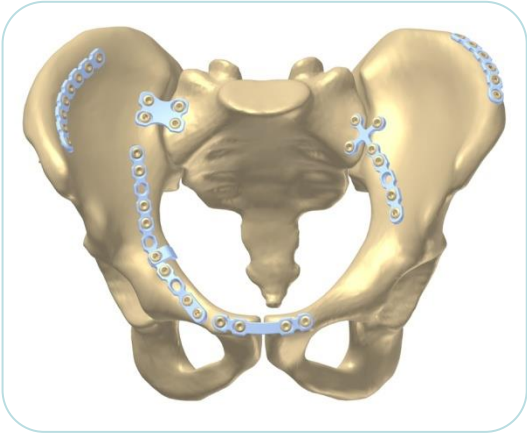
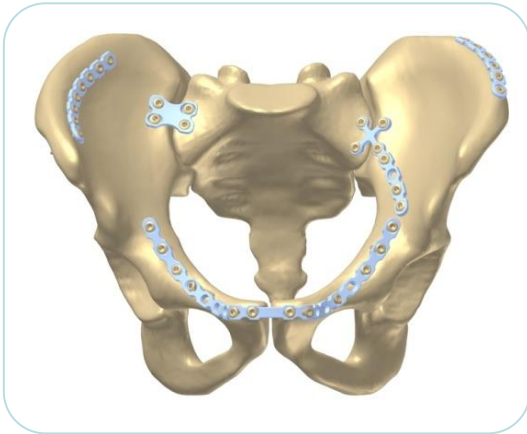
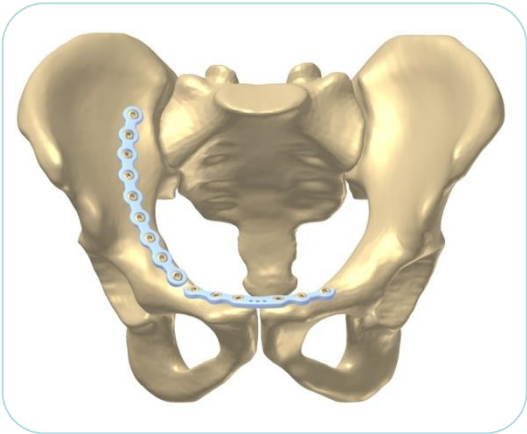
■ Ilium / Iliac Wing Fractures



■ Acetabulum Fractures



Clinical Solutions



IMPLANT INFORMATION



Pelvic Reconstruction Plate 3.5 mm, curved

REF (TIT)	HOLES
MOI 33006004	4
MOI 33006005	5
MOI 33006006	6
MOI 33006007	7
MOI 33006008	8
MOI 33006009	9
MOI 33006010	10
MOI 33006011	11
MOI 33006012	12
MOI 33006014	14
MOI 33006016	16
MOI 33006018	18
MOI 33006020	20



Pelvic Reconstruction Plate 3.5 mm, straight

REF (TIT)	HOLES
MOI 33007004	4
MOI 33007005	5
MOI 33007006	6
MOI 33007007	7
MOI 33007008	8
MOI 33007009	9
MOI 33007010	10
MOI 33007011	11
MOI 33007012	12
MOI 33007014	14
MOI 33007016	16
MOI 33007018	18
MOI 33007020	20



Pubic Symphysis Plate - I, 3.5 mm

REF (TIT)	HOLES
MOI 33017004	4
MOI 33017006	6
MOI 33017008	8



Posterior Wall Acetabular Hook Plate 3.5 mm

REF (TIT)	HOLES
MOI 33018003	3

IMPLANT INFORMATION



Sacroiliac Reconstruction Plate 3.5 mm

REF (TIT)	HOLES	DIRECTION
MOI 33015004	4 + 4	Left
MOI 33016004	4 + 4	Right



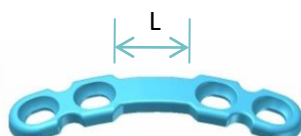
Iliac Crest Plate 3.5 mm

REF (TIT)	HOLES
MOI 33020006	6



Ilium Wing Plate 3.5 mm

REF (TIT)	HOLES	DIRECTION
MOI 33021008	8	Left
MOI 33022008	8	Right



Pubic Symphysis Plate - II, 3.5 mm

REF (TIT)	HOLES	DIRECTION
MOI 33023019	4	19 mm
MOI 33023022	4	22 mm
MOI 33023025	4	25 mm



Acetabular Fragment Plate with Posterior Wall Reduction 3.5 mm

REF (TIT)	HOLES	DIRECTION
MOI 33024083	8 + 3	Left
MOI 33025083	8 + 3	Right



Sacroiliac Joint Reduction Plate 3.5 mm

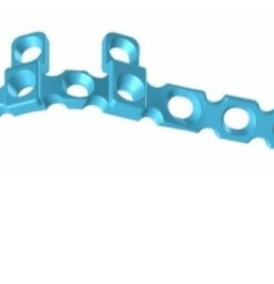
REF (TIT)	HOLES	DIRECTION
MOI 33026006	6	127 mm
MOI 33027006	6	137 mm
MOI 33028006	6	147 mm



Posterior Wall Acetabular Fragment Plate 3.5 mm

REF (TIT)	HOLES	DIRECTION
MOI 33029064	6 + 4	Left
MOI 33038064	8 + 6	Left
MOI 33030064	6 + 4	Right
MOI 33039064	8 + 6	Right

IMPLANT INFORMATION



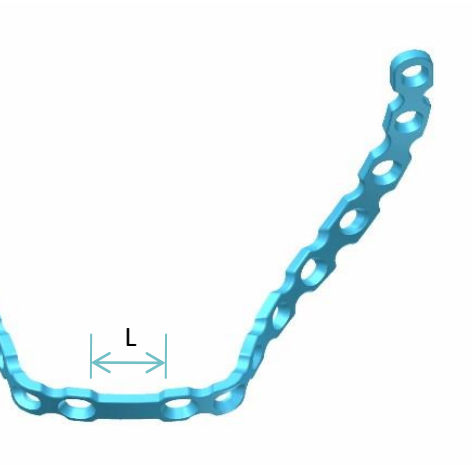
Posterior Column Acetabular Plate with 2 Reinforced Wings 3.5 mm

REF (TIT)	HOLES	DIRECTION
MOI 33031822	8 + 2 + 2	Left
MOI 33032822	8 + 2 + 2	Right



Anterior Column Acetabular Plate with Auxiliary Wing 3.5 mm

REF (TIT)	HOLES	DIRECTION
MOI 33033111	11 + 1	Left
MOI 33034111	11 + 1	Right



Bilaterally Anterior Column Acetabular V-Plate 3.5 mm

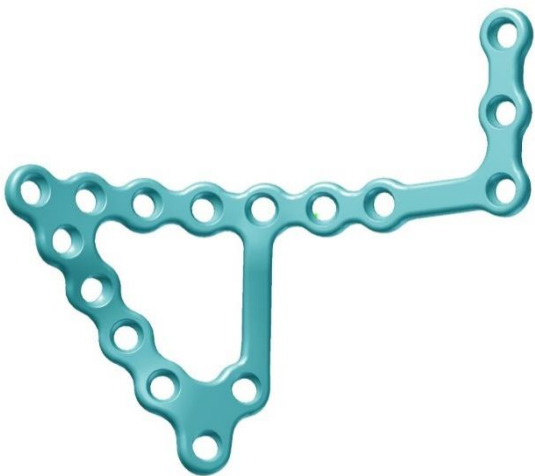
REF (TIT)	HOLES	DIRECTION
MOI 33035019	18	19 mm
MOI 33035022	18	22 mm
MOI 33035025	18	25 mm



Superior Sacroiliac Plate 3.5 mm

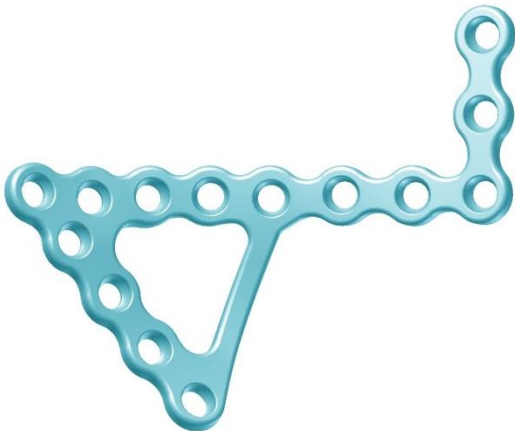
REF (TIT)	SIZES
MOI 35253024	18 X 24 mm
MOI 35253026	18 X 26 mm
MOI 35253028	18 X 28 mm
MOI 35253030	18 X 30 mm

IMPLANT INFORMATION



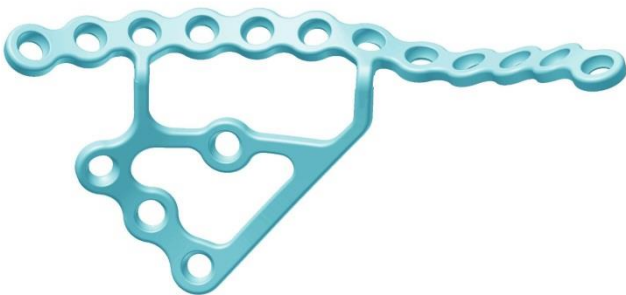
Infrapectineal Plate 3.5 mm, Large

REF (TIT)	HOLES	DIRECTION
MOI 33175016	16	Left
MOI 33176016	16	Right



Infrapectineal Plate 3.5 mm, Small

REF (TIT)	HOLES	DIRECTION
MOI 33177014	14	Left
MOI 33178014	14	Right

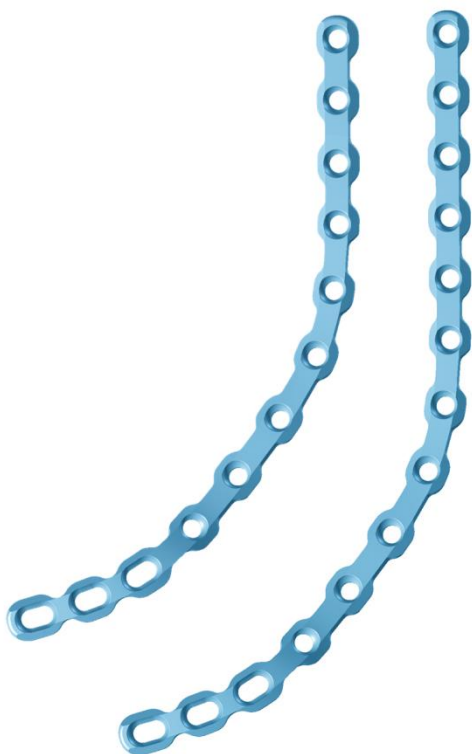
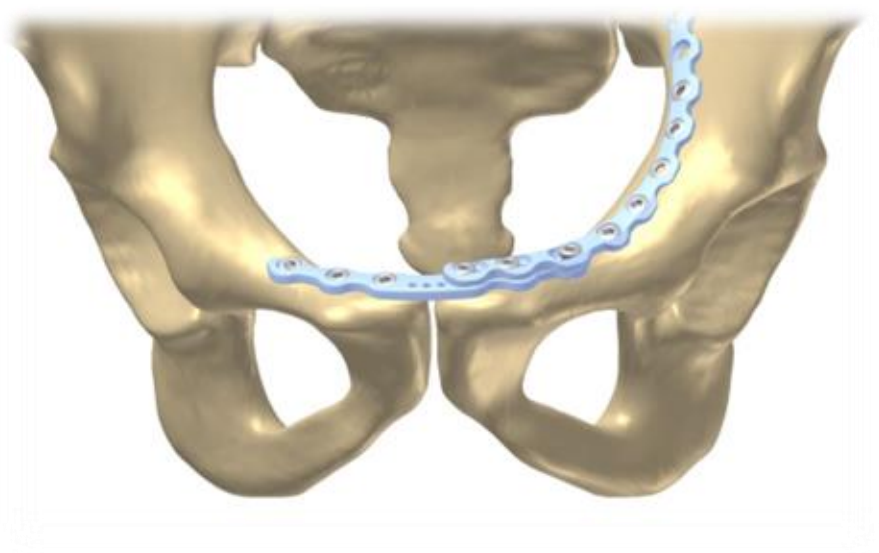


Suprapectineal Plate 3.5 mm

REF (TIT)	HOLES	DIRECTION
MOI 33179016	16	Left
MOI 33180016	16	Right

IMPLANT INFORMATION

The MANTARO™ Anterior Brim Plate is pre-contoured in places where it may save time for the surgeon and un-contoured in areas where manual bending may be preferred. The plate is available in 12- and 14-hole configurations to accommodate varying patient anatomies. Slots and holes on the anterior end of the plate are designed to interface with the MANTARO™ 3.5 mm Pubic Symphysis Plate- I, if desired.



Anterior Brim Plates 3.5mm

REF (TIT)	HOLES	DIRECTION
MOI 33200012	12	Left
MOI 33200014	14	Left
MOI 33201012	12	Right
MOI 33201014	14	Right

IMPLANT INFORMATION



3.5mm Cortex Screws

REF (S.S)	REF (TIT)	LENGTH
MOI 13500010	MOI 33500010	10 mm
MOI 13500012	MOI 33500012	12 mm
MOI 13500014	MOI 33500014	14 mm
MOI 13500016	MOI 33500016	16 mm
MOI 13500018	MOI 33500018	18 mm
MOI 13500020	MOI 33500020	20 mm
MOI 13500022	MOI 33500022	22 mm
MOI 13500024	MOI 33500024	24 mm
MOI 13500026	MOI 33500026	26 mm
MOI 13500028	MOI 33500028	28 mm
MOI 13500030	MOI 33500030	30 mm
MOI 13500032	MOI 33500032	32 mm
MOI 13500034	MOI 33500034	34 mm
MOI 13500036	MOI 33500036	36 mm
MOI 13500038	MOI 33500038	38 mm
MOI 13500040	MOI 33500040	40 mm
MOI 13500042	MOI 33500042	42 mm
MOI 13500044	MOI 33500044	44 mm
MOI 13500046	MOI 33500046	46 mm
MOI 13500048	MOI 33500048	48 mm
MOI 13500050	MOI 33500050	50 mm
MOI 13500052	MOI 33500052	52 mm
MOI 13500054	MOI 33500054	54 mm
MOI 13500056	MOI 33500056	56 mm
MOI 13500058	MOI 33500058	58 mm
MOI 13500060	MOI 33500060	60 mm
MOI 13500062	MOI 33500062	62 mm
MOI 13500064	MOI 3500064	64 mm
MOI 13500065	MOI 3500065	65 mm
MOI 13500066	MOI 33500066	66 mm
MOI 13500068	MOI 33500068	68 mm
MOI 13500070	MOI 33500070	70 mm
MOI 13500072	MOI 33500072	72 mm
MOI 13500074	MOI 33500074	74 mm
MOI 13500075	MOI 3500075	75 mm
MOI 13500076	MOI 33500076	76 mm
MOI 13500078	MOI 33500078	78 mm
MOI 13500080	MOI 33500080	80 mm
MOI 13500082	MOI 33500082	82 mm
MOI 13500084	MOI 33500084	84 mm
MOI 13500085	MOI 33500085	85 mm
MOI 13500086	MOI 33500086	86 mm
MOI 13500088	MOI 33500088	88 mm
MOI 13500090	MOI 33500090	90 mm
MOI 13500095	MOI 33500095	95 mm
MOI 13500100	MOI 33500100	100 mm
MOI 13500105	MOI 33500105	105 mm
MOI 13500110	MOI 33500110	110 mm
MOI 13500115	MOI 33500115	115 mm
MOI 13500120	MOI 33500120	120 mm

IMPLANT INFORMATION



4.0 mm Cancellous Screws, fully threaded

REF (S.S)	REF (TIT)	LENGTH
MOI 13501010	MOI 33501010	10 mm
MOI 13501012	MOI 33501012	12 mm
MOI 13501014	MOI 33501014	14 mm
MOI 13501016	MOI 33501016	16 mm
MOI 13501018	MOI 33501018	18 mm
MOI 13501020	MOI 33501020	20 mm
MOI 13501022	MOI 33501022	22 mm
MOI 13501024	MOI 33501024	24 mm
MOI 13501026	MOI 33501026	26 mm
MOI 13501028	MOI 33501028	28 mm
MOI 13501030	MOI 33501030	30 mm
MOI 13501032	MOI 33501032	32 mm
MOI 13501034	MOI 33501034	34 mm
MOI 13501036	MOI 33501036	36 mm
MOI 13501038	MOI 33501038	38 mm
MOI 13501040	MOI 33501040	40 mm
MOI 13501042	MOI 33501042	42 mm
MOI 13501044	MOI 33501044	44 mm
MOI 13501046	MOI 33501046	46 mm
MOI 13501048	MOI 33501048	48 mm
MOI 13501050	MOI 33501050	50 mm
MOI 13501052	MOI 33501052	52 mm
MOI 13501054	MOI 33501054	54 mm
MOI 13501055	MOI 33501055	55 mm
MOI 13501056	MOI 33501056	56 mm
MOI 13501058	MOI 33501058	58 mm
MOI 13501060	MOI 33501060	60 mm

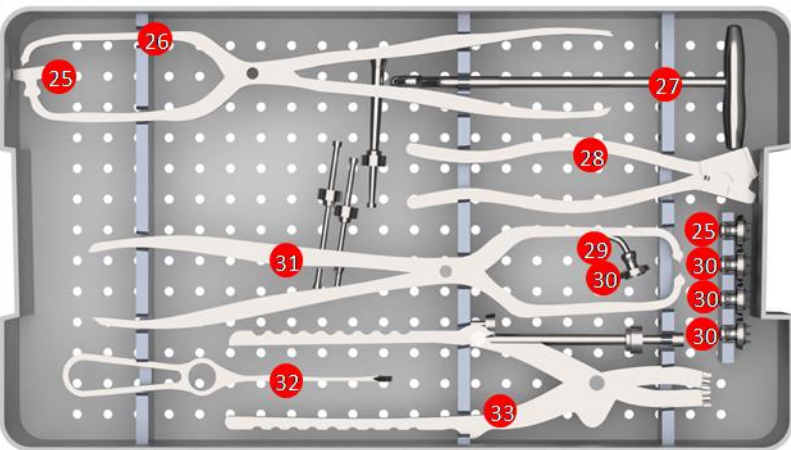
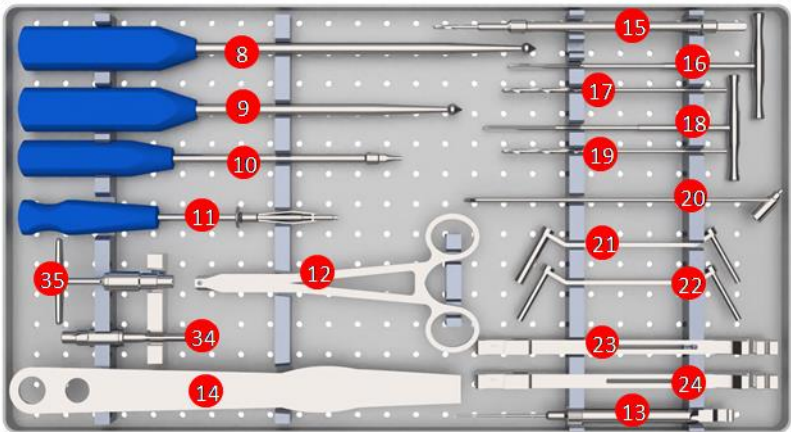
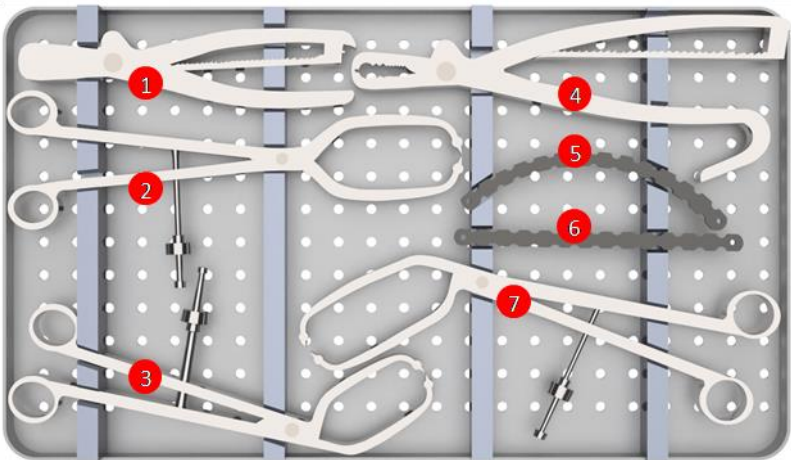


4.0 mm Cancellous Screws, partially threaded

REF (S.S)	REF (TIT)	LENGTH
MOI 13502030	MOI 33502030	30 mm
MOI 13502032	MOI 33502032	32 mm
MOI 13502034	MOI 33502034	34 mm
MOI 13502036	MOI 33502036	36 mm
MOI 13502038	MOI 33502038	38 mm
MOI 13502040	MOI 33502040	40 mm
MOI 13502042	MOI 33502042	42 mm
MOI 13502044	MOI 33502044	44 mm
MOI 13502046	MOI 33502046	46 mm
MOI 13502048	MOI 33502048	48 mm
MOI 13502050	MOI 33502050	50 mm
MOI 13502052	MOI 33502052	52 mm
MOI 13502054	MOI 33502054	54 mm
MOI 13502055	MOI 33502055	55 mm
MOI 13502056	MOI 33502056	56 mm
MOI 13502058	MOI 33502058	58 mm
MOI 13502060	MOI 33502060	60 mm

INSTRUMENTS INFORMATION

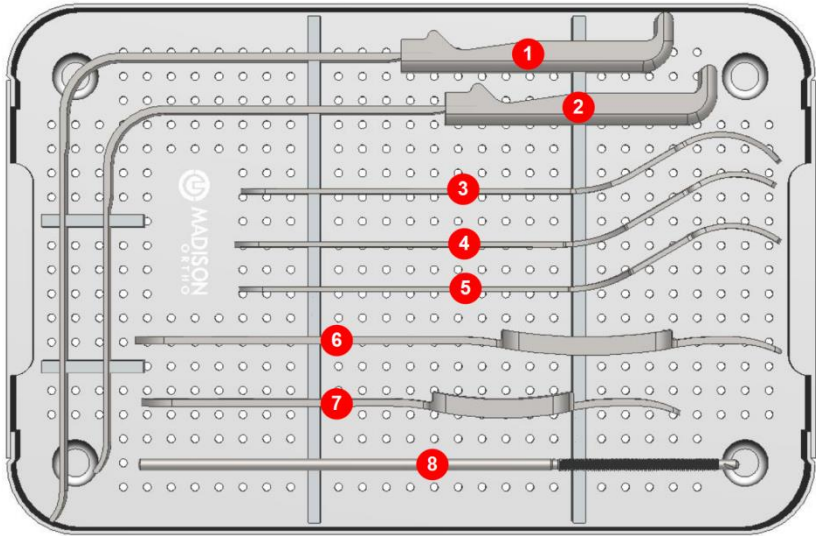
MANTARO™ Pelvic Reduction Instrument Set (MOI MANTARO-01A)



REF	DESCRIPTION	UNITS
1 MOI P2200004	Bone Forceps, Small	1
2 MOI P2200003	Pelvic Reduction Forceps, Straight	1
3 MOI P2200002	Small Pelvic Reduction Forceps, Angled	1
4 MOI P2200005	Bone Forceps, Large	1
5 MOI P2200020	Bending Template, Curved	2
6 MOI P2200019	Bending Template, Straight	2
7 MOI P2200001	Large Pelvic Reduction Forceps, Angled	1
8 MOI P2200011	Ball Spike, Long	1
9 MOI P2200011-300	Ball Spike, Short	1
10 MOI P2200016	Screwdriver with Universal Joint, SW2.5	1
11 MOI P2200015	Hex Screwdriver, SW2.5, with Holding Sleeve	1
12 MOI P2200025	Screw Forceps	1
13 MOI P2200030	Depth Gauge	1
14 MOI P2200014	Pelvic Retractor, Blunt	1
15 MOI P2200018	Flexible Drill Bit 2.5 mm	1
16 MOI P2200028	Tap 3.5 mm, for Cortex Screws	1
17 MOI P2200031	Drill Bit 2.5 mm	2
18 MOI P2200029	Tap 4.0 mm, for Cancellous Screws	1
19 MOI P2200032	Drill Bit 3.0 mm	2
20 MOI P2200017	Drill Guide for Flexible Drill Bit	1
21 MOI P2200027	Drill Sleeve 3.0/4.0 mm	1
22 MOI P2200026	Drill Sleeve 2.5/3.5 mm	1
23 MOI P2200021	Bending Iron, Left	1
24 MOI P2200022	Bending Iron, Right	1
25 MOI P2200024	Spiked Disc, Curved	2
26 MOI P2200006	Pelvic Reduction Forceps, with 3 Pointed Tips	1
27 MOI P2200013	Bone Hook, with T-handle	1
28 MOI P2200010	Bending Pliers for Reconstruction Plates	1
29 MOI P2200008	Pelvic Reduction Forceps, Asymmetric, with Pointed Ball Tips	1
30 MOI P2200023	Spiked Disc, Flat	4
31 MOI P2200007	Pelvic Reduction Forceps, with Angled Pointed Ball Tips	1
32 MOI P2200012	Bone Hook, Straight	1
33 MOI P2200009	Pelvic Reduction Forceps, Large, Adjustable	1
34 MOI I800016	Quick Connector	1
35 MOI I800022	Quick Coupling T-Handle	1
* MOI P220000C	Trays and Container	1

INSTRUMENTS INFORMATION

MANTARO™ Pelvic Retractor Instrument Set (MOI MANTARO-01B)



REF	DESCRIPTION	UNITS
1 MOI R2200001	Retractor for Sciatic Nerve, long	1
2 MOI R2200002	Retractor for Sciatic Nerve	1
3 MOI R2200007	Retractor, malleable, width 40 mm	1
4 MOI R2200006	Retractor, malleable, width 30 mm	1
5 MOI R2200005	Retractor, malleable, width 20 mm	1
6 MOI R2200004	Pelvic Retractor, large, length 323 mm	1
7 MOI R2200003	Pelvic Retractor, medium, length 268 mm	1
8 MOI R2200008	Pin 6.0 mm	4
* MOI R220000C	Trays and Container	1



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