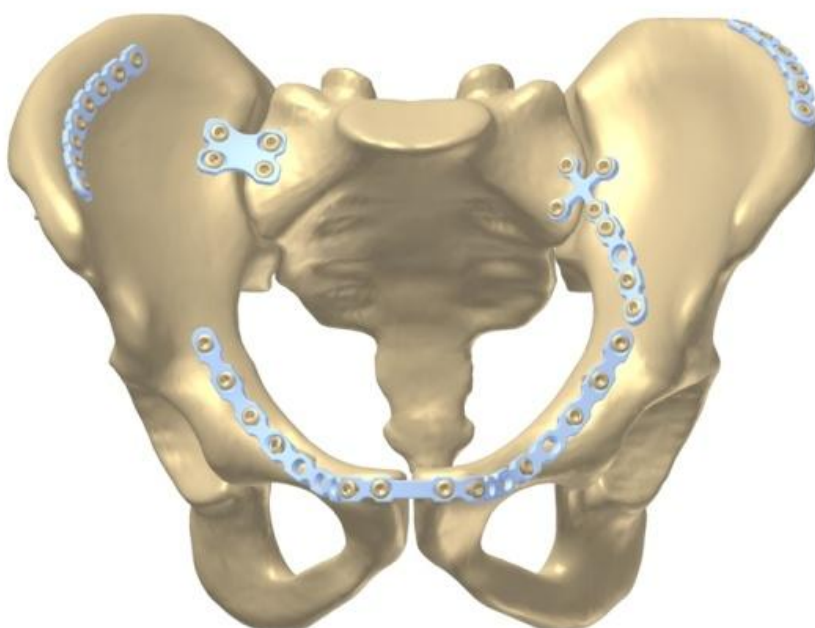


MANTARO

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



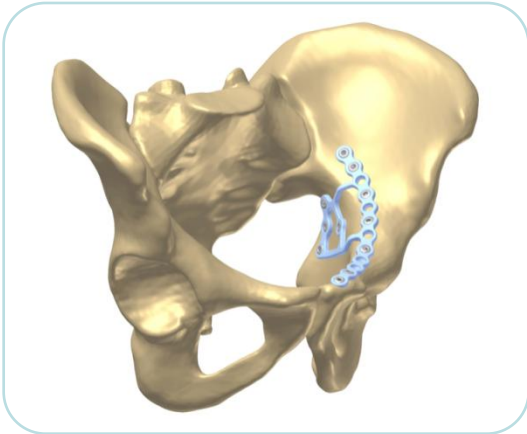
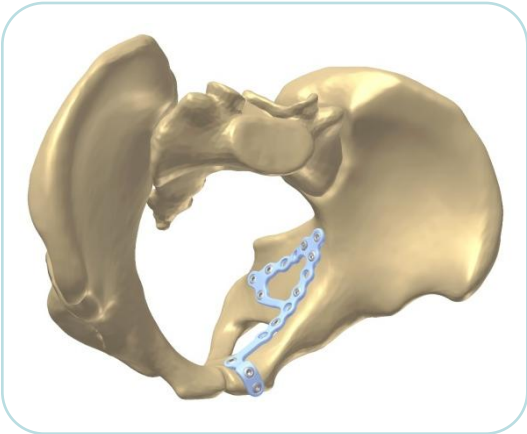
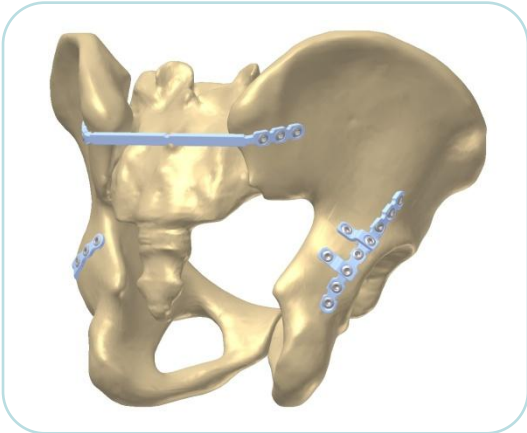
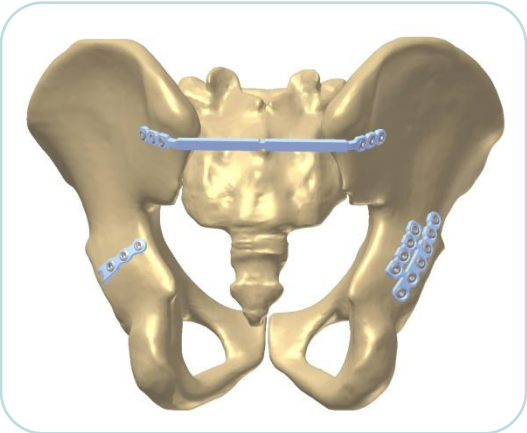
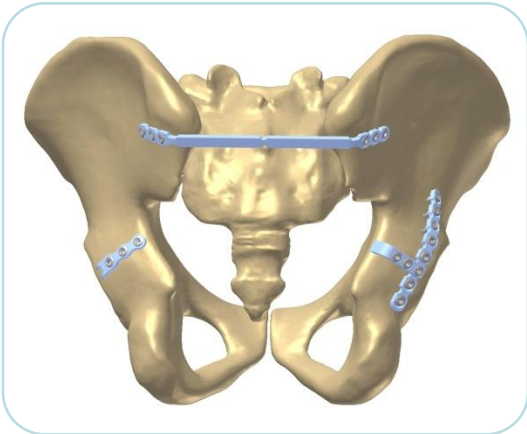
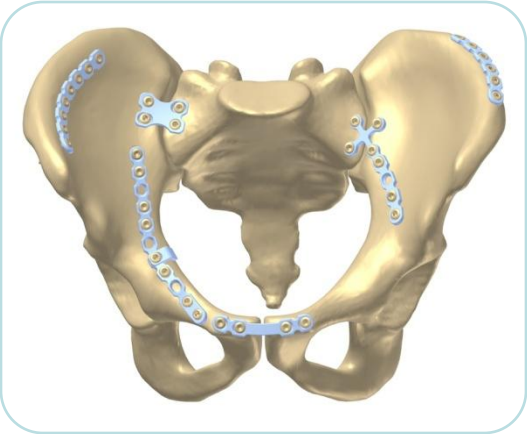
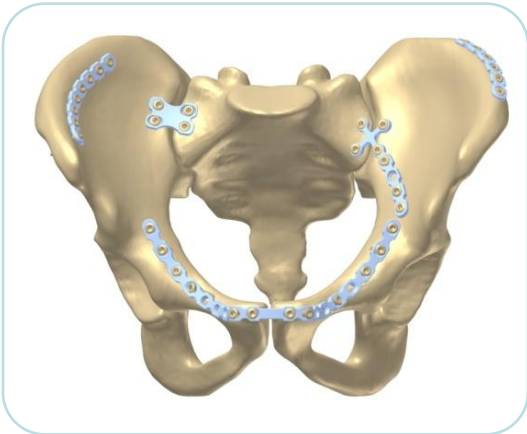
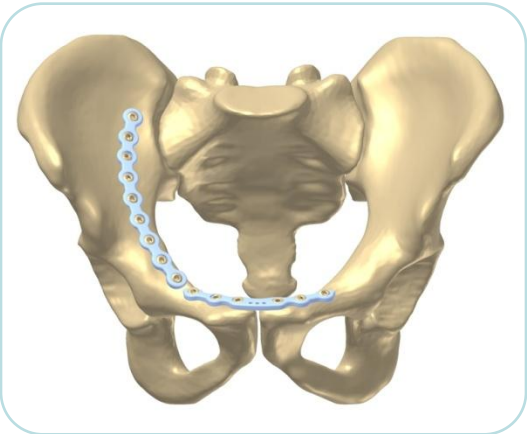
■ Ilium / Iliac Wing Fractures



■ 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



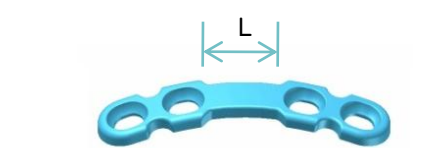
Iliac Crest Plate 3.5 mm

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



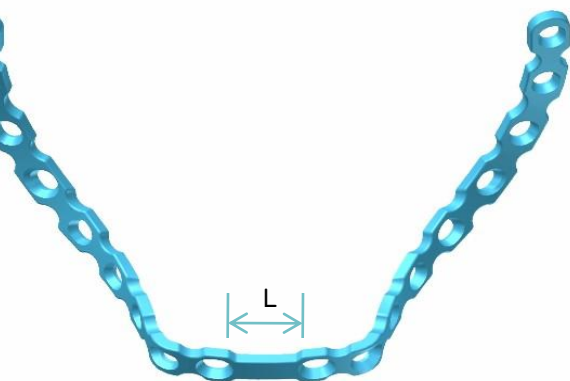
Posterior Column Acetabular Plate with 2 Reinforced Wings 3.5 mm

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

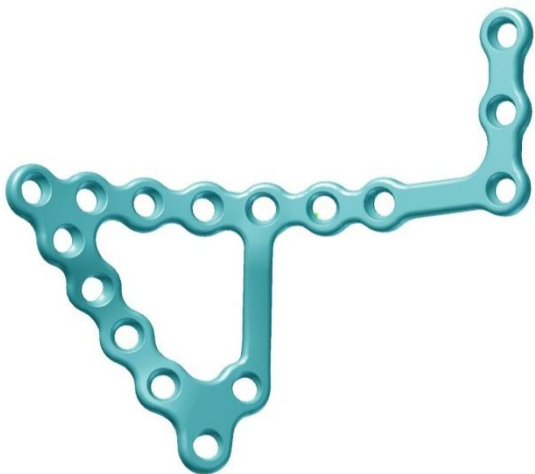
REF (TIT)	HOLES	DIRECTION
MOI 33035019	18	19 mm
MOI 33035022	18	22 mm
MOI 33035025	18	25 mm



Superior Sacroiliac Plate 3.5 mm

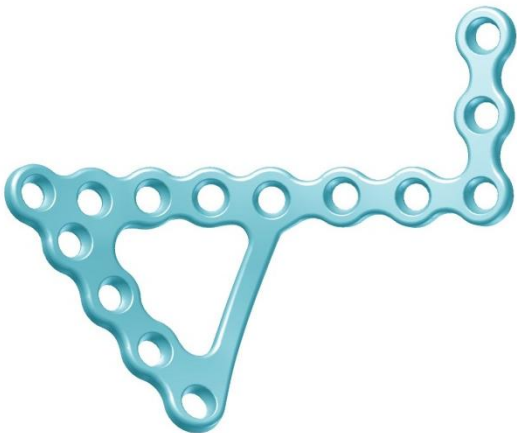
REF (TIT)	SIZES
MOI 35253024	18 X 24 mm
MOI 35253026	18 X 26 mm
MOI 35253028	18 X 28 mm
MOI 35253030	18 X 30 mm

IMPLANT INFORMATION



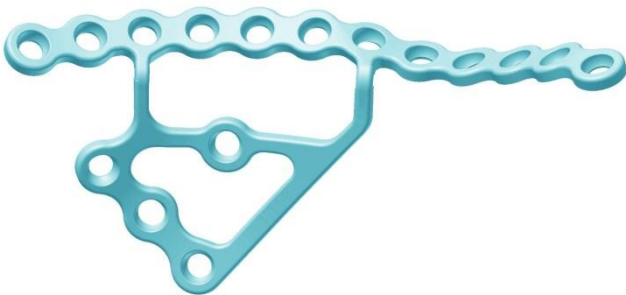
Infrapectineal Plate 3.5 mm, Large

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



Infrapectineal Plate 3.5 mm, Small

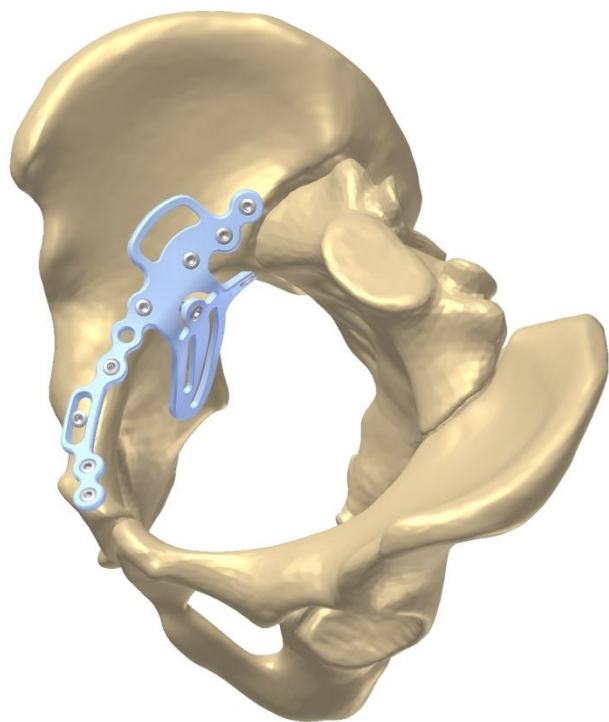
REF (TIT)	HOLES	DIRECTION
MOI 33177014	14	Left
MOI 33178014	14	Right



Suprapectineal Plate 3.5 mm

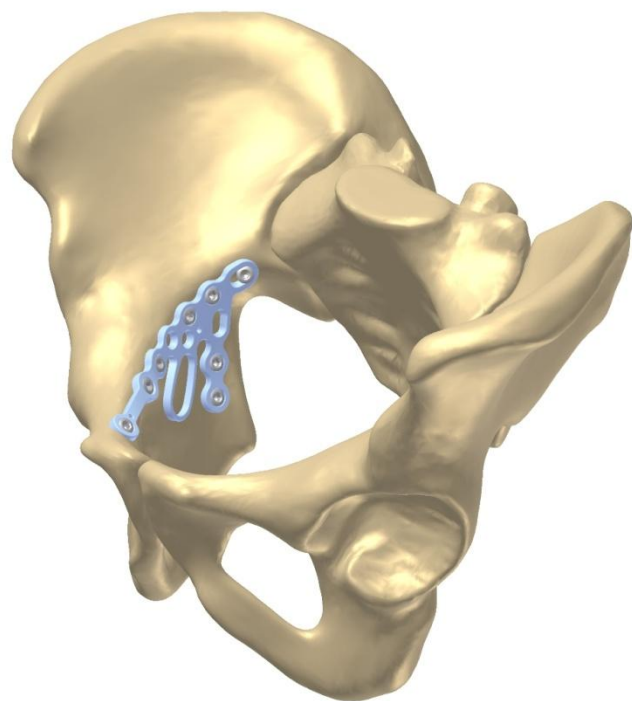
REF (TIT)	HOLES	DIRECTION
MOI 33179016	16	Left
MOI 33180016	16	Right

IMPLANT INFORMATION



Biplanar 2-Column Plate 3.5mm

REF (TIT)	HOLES	DIRECTION
MOI 33202010	10	Left
MOI 33202012	12	Left
MOI 33203010	10	Right
MOI 33203012	12	Right

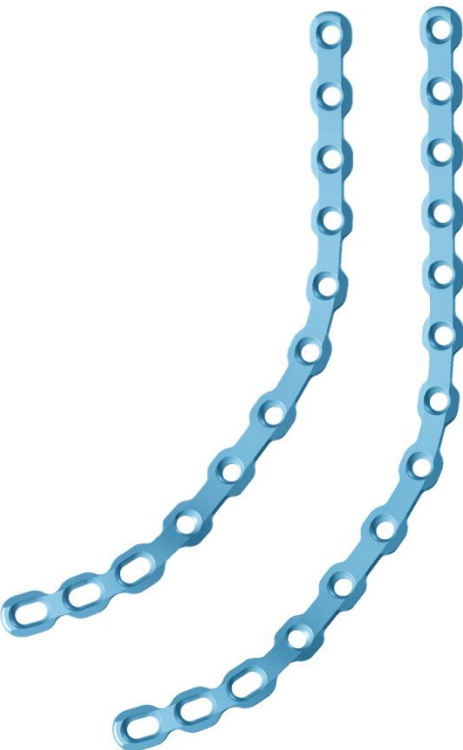
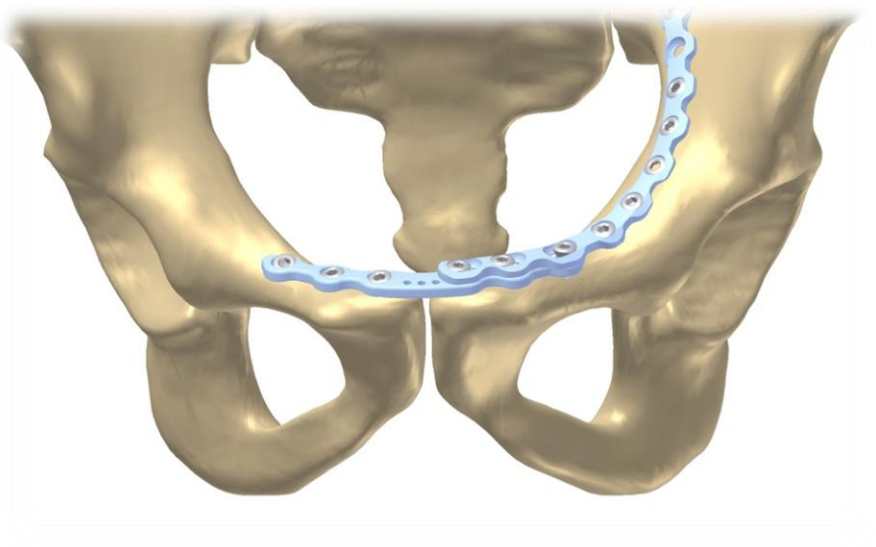


Quadrilateral Buttress Plate 3.5mm

REF (TIT)	HOLES	DIRECTION
MOI 33204011	11	Left
MOI 33204013	13	Left
MOI 33205011	11	Right
MOI 33205013	13	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, Non-locked

REF (TIT)	LENGTH (mm)
MOI 33500010	10
MOI 33500012	12
MOI 33500014	14
MOI 33500016	16
MOI 33500018	18
MOI 33500020	20
MOI 33500022	22
MOI 33500024	24
MOI 33500026	26
MOI 33500028	28
MOI 33500030	30
MOI 33500032	32
MOI 33500034	34
MOI 33500036	36
MOI 33500038	38
MOI 33500040	40
MOI 33500042	42
MOI 33500044	44
MOI 33500046	46
MOI 33500048	48
MOI 33500050	50
MOI 33500052	52
MOI 33500054	54
MOI 33500056	56
MOI 33500058	58
MOI 33500060	60
MOI 33500065	65
MOI 33500070	70
MOI 33500075	75
MOI 33500080	80
MOI 33500085	85
MOI 33500090	90
MOI 33500095	95
MOI 33500100	100
MOI 33500105	105
MOI 33500110	110
MOI 33500115	115
MOI 33500120	120

IMPLANT INFORMATION



4.0mm Cancellous Screws, fully threaded

REF (TIT)	LENGTH (mm)
MOI 33501010	10
MOI 33501012	12
MOI 33501014	14
MOI 33501016	16
MOI 33501018	18
MOI 33501020	20
MOI 33501022	22
MOI 33501024	24
MOI 33501026	26
MOI 33501028	28
MOI 33501030	30
MOI 33501032	32
MOI 33501034	34
MOI 33501036	36
MOI 33501038	38
MOI 33501040	40
MOI 33501042	42
MOI 33501044	44
MOI 33501046	46
MOI 33501048	48
MOI 33501050	50
MOI 33501055	55
MOI 33501060	60

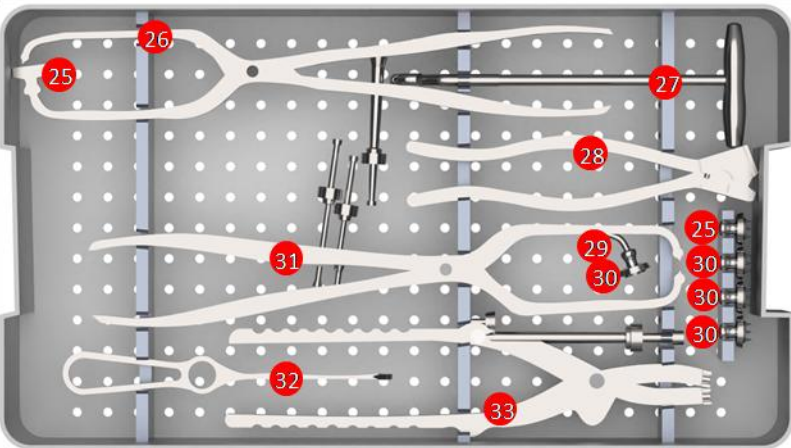
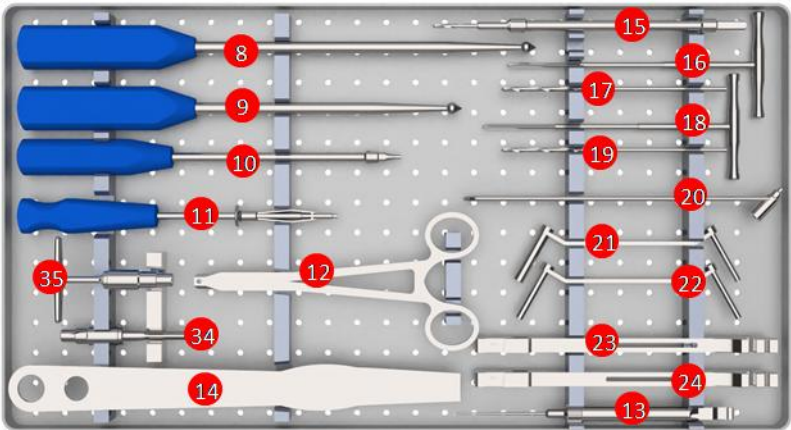
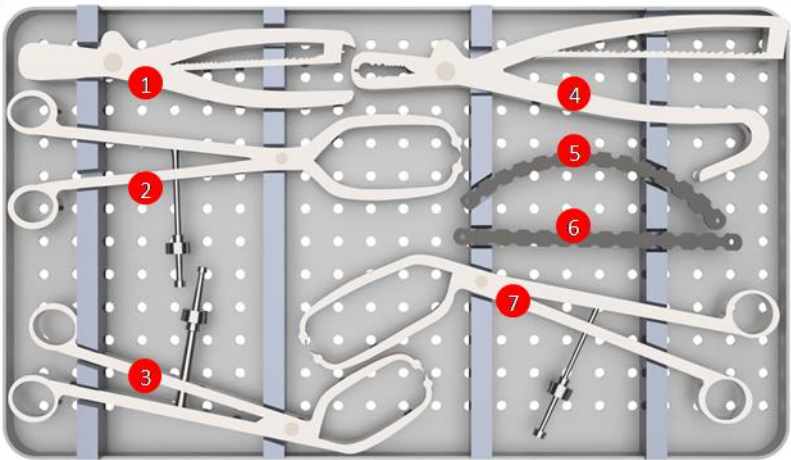


4.0mm Cancellous Screws, partially threaded

REF (TIT)	LENGTH (mm)
MOI 33502032	32
MOI 33502034	34
MOI 33502036	36
MOI 33502038	38
MOI 33502040	40
MOI 33502042	42
MOI 33502044	44
MOI 33502046	46
MOI 33502048	48
MOI 33502050	50
MOI 33502055	55
MOI 33502060	60

INSTRUMENTS INFORMATION

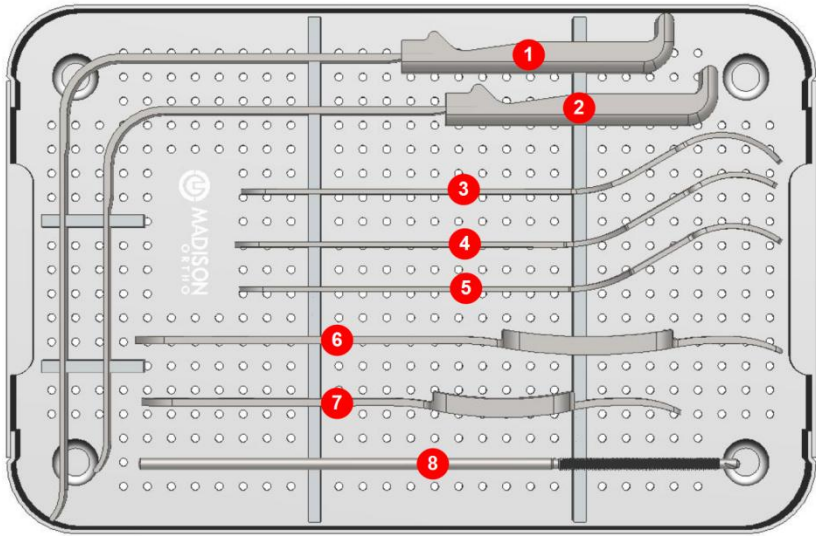
MANTARO™ Pelvic Reduction Instrument Set (MOI MANTARO-01A)



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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