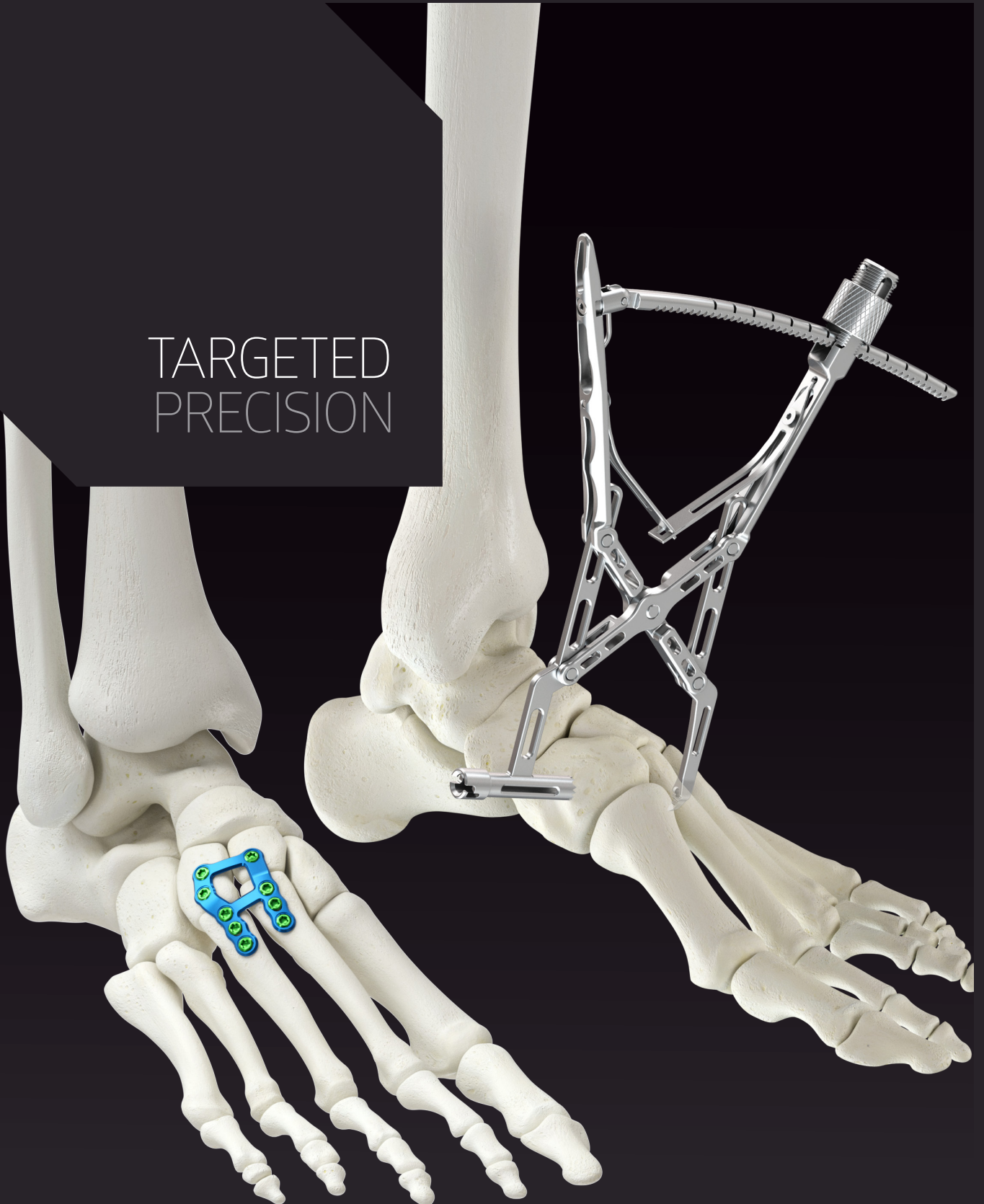






















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Lisfranc System
System overview & surgical technique.

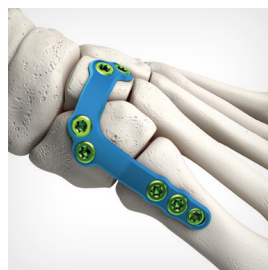
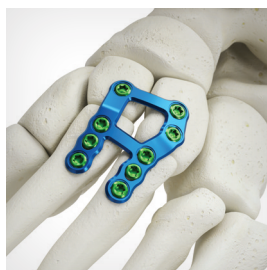
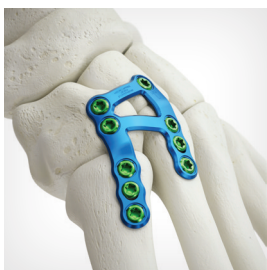
TARGETED
PRECISION



Implant options

| | Left | | | Right | | |
|----------------------|---|---|---|--|---|---|
| | Large | Medium | Small | Small | Medium | Large |
| 1st/2nd TMT Standard |  |  |  |  |  |  |
| 1st/2nd TMT with Tab |  |  |  |  |  |  |
| 2nd/3rd TMT |  |  |  |  |  |  |

| | Left (one size) | Right (one size) |
|----------------------|---|---|
| 1st TMT with ICJ Arm |  |  |
| 2nd TMT with ICJ Arm |  |  |



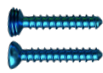
Screws

Lisfranc solid screws

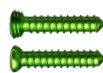


Diameter Ø3.7/4.1mm
Length 20–60mm
Pre-Drill Ø2.6/2.8mm
Driver T15

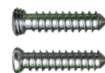
Polyaxial locking & non-locking plate screws



Diameter Ø2.7mm
Length 10–30mm
Pre-Drill Ø2.0mm
Driver T15



Diameter Ø3.5mm
Length 10–60mm
Pre-Drill Ø2.8mm
Driver T15



Diameter Ø4.0mm
Length 14–60mm
Pre-Drill Ø3.0mm
Driver T15

Lisfranc screw technique

Step 1. Surgical Approach

Perform the appropriate incisions depending on the degree of instability, injury, and fixation preference.

Step 2. Joint Reduction

Position the distal talon of the targeting guide at the lateral base of the second metatarsal and the proximal tissue protector against the medial cuneiform. The targeting guide can pivot based on the position of the distal talon until the optimal position is achieved (figure 1).

Reduce the joint by compressing the targeting guide handles and tighten the locking nut.

Step 3. Guidewire Placement

Insert the guidewire sleeve into the tissue protector guide. A $\text{\O}1.4\text{mm}$ guidewire is inserted into the sleeve and advanced under fluoroscopy until the tip of the wire advances just past the lateral cortex at the base of the second metatarsal (figure 2).

Verify the position both visually and fluoroscopically and remove the guidewire sleeve (figure 3).

Step 4. Screw Length Measurement

Use the engravings on the ratcheting arm of the targeting guide handle to determine the appropriate screw length. The arrow on the locking arm is pointed towards the appropriate measurement (figure 4a).

Alternatively, a cannulated depth gauge can be inserted through the tissue protector (figure 4b).

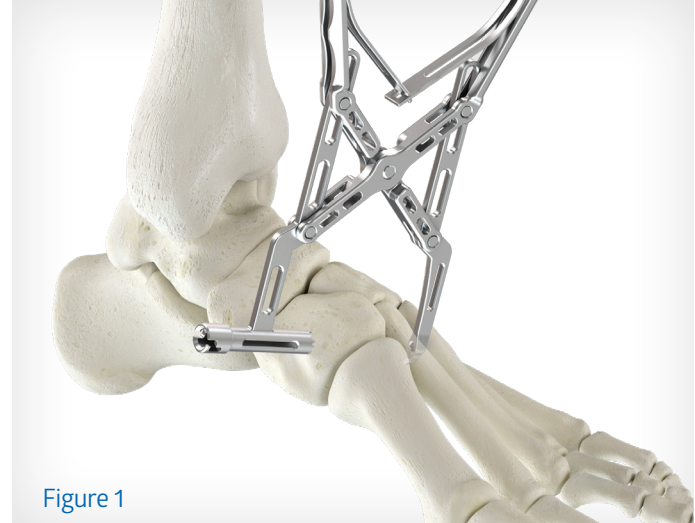


Figure 1



Figure 2

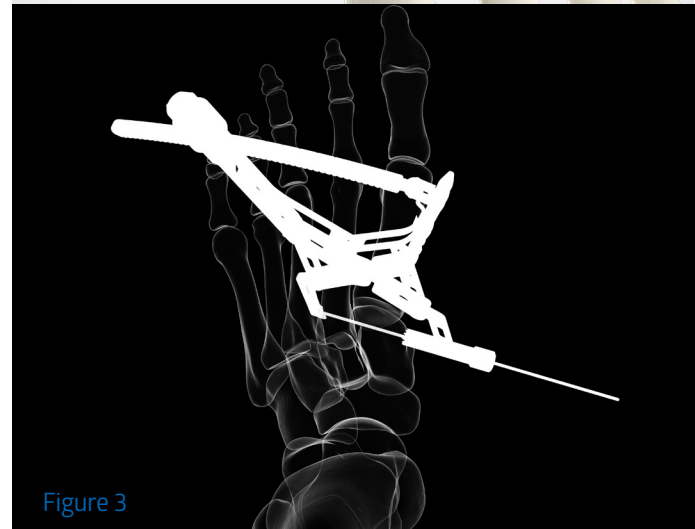


Figure 3



Figure 4a

Figure 4b

Step 5. Screw Hole Preparation

Place the appropriate size cannulated drill ($\varnothing 2.6\text{mm}$ for $\varnothing 3.7\text{mm}$ screws and $\varnothing 2.8\text{mm}$ for $\varnothing 4.1\text{mm}$ screws) over the guidewire and drill under power. If compression is desired, the screw may be lagged by technique by over-drilling just past the joint (figure 5).

Optionally, a countersink is provided and may be used to create a recess for the head of the screw (figure 6).

Step 6. Homerun Screw Placement

Remove the guidewire and insert the screw through the tissue protector using the T15 driver (figure 7).

A washer may be used, but note the targeting guide must be removed prior to screw and washer placement since the washer cannot be advanced through the guide.

Step 7. Intercuneiform Screw Placement

Intercuneiform or other tarsometatarsal joint fixation may be required in instances of ligamentous disruption or instability. A separate tissue protector is available for additional screws. Utilize the guidewire sleeve, $\varnothing 1.4\text{mm}$ guidewire, appropriate pre-drill and over-drill, depth gauge, and screw driver to place additional screws as required (figure 8).

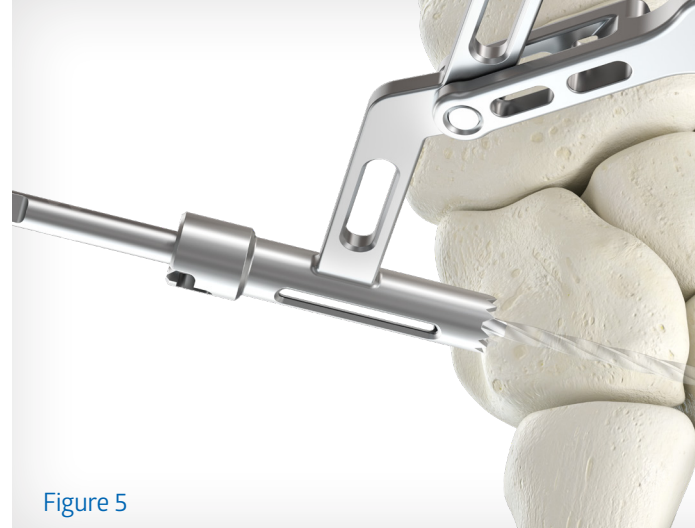


Figure 5

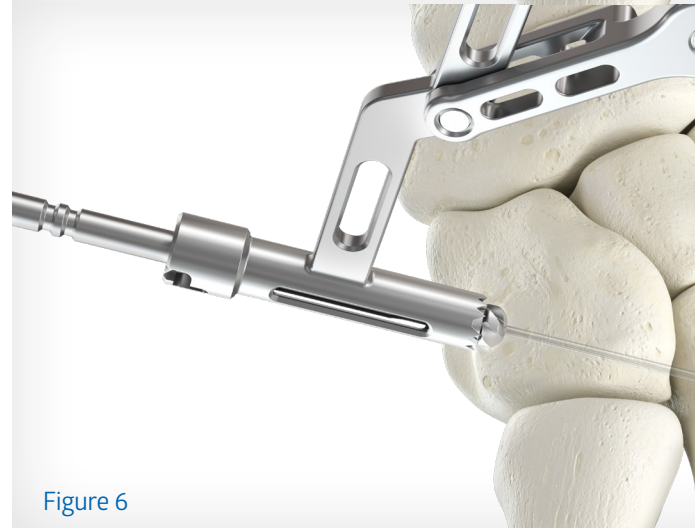


Figure 6

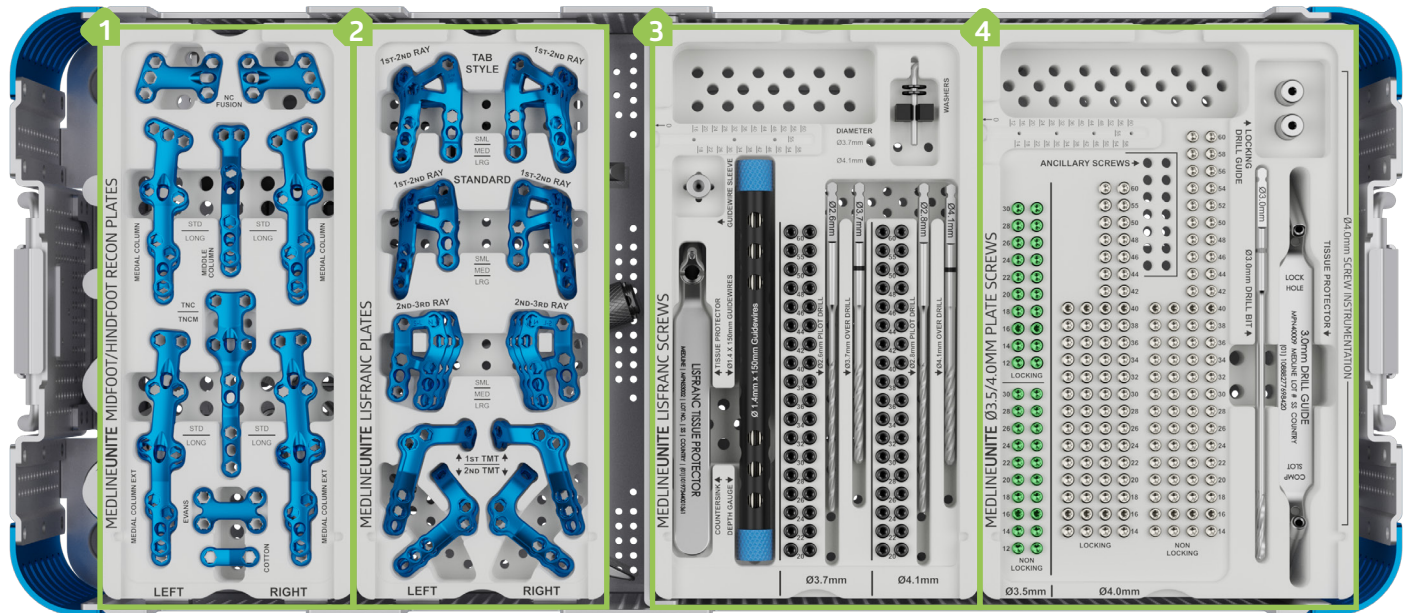


Figure 7



Figure 8

Tray Layout



Section 1

Midfoot/Hindfoot Plates

| Item No. | Description | Qty. |
|----------|------------------------------------|------|
| MPP8201L | NC Fusion, Left | 1 |
| MPP8201R | NC Fusion, Right | 1 |
| MPP8301U | Middle Column, Standard | 1 |
| MPP8302U | Middle Column, Long | 1 |
| MPP8701U | TNC Extension Revision, Universal | 1 |
| MPP8801U | TNCM Extension Revision, Universal | 1 |
| MPP5000U | Cotton Osteotomy, Universal | 1 |
| MPP6000U | Evans Osteotomy, Universal | 1 |

| Item No. | Description | Qty. |
|----------|--|------|
| MPP8501L | Medial Column, Standard, Left | 1 |
| MPP8502L | Medial Column, Long, Left | 1 |
| MPP8501R | Medial Column, Standard, Right | 1 |
| MPP8502R | Medial Column, Long, Right | 1 |
| MPP8601L | Medial Column Extension, Standard, Left | 1 |
| MPP8602L | Medial Column Extension, Long, Left | 1 |
| MPP8601R | Medial Column Extension, Standard, Right | 1 |
| MPP8602R | Medial Column Extension, Long, Right | 1 |

Section 2

Lisfranc Plates

| Item No. | Description | Qty. |
|----------|--|------|
| MPP9101L | Lisfranc, 1-2 TMT, Tab, Small, Left | 1 |
| MPP9102L | Lisfranc, 1-2 TMT, Tab, Medium, Left | 1 |
| MPP9103L | Lisfranc, 1-2 TMT, Tab, Large, Left | 1 |
| MPP9101R | Lisfranc, 1-2 TMT, Tab, Small, Right | 1 |
| MPP9102R | Lisfranc, 1-2 TMT, Tab, Medium, Right | 1 |
| MPP9103R | Lisfranc, 1-2 TMT, Tab, Large, Right | 1 |
| MPP9001L | Lisfranc, 1-2 TMT, Standard, Small, Left | 1 |
| MPP9002L | Lisfranc, 1-2 TMT, Standard, Medium, Left | 1 |
| MPP9003L | Lisfranc, 1-2 TMT, Standard, Large, Left | 1 |
| MPP9001R | Lisfranc, 1-2 TMT, Standard, Small, Right | 1 |
| MPP9002R | Lisfranc, 1-2 TMT, Standard, Medium, Right | 1 |

| Item No. | Description | Qty. |
|----------|---|------|
| MPP9003R | Lisfranc, 1-2 TMT, Standard, Large, Right | 1 |
| MPP9201L | Lisfranc, 2-3 TMT, Small, Left | 1 |
| MPP9202L | Lisfranc, 2-3 TMT, Medium, Left | 1 |
| MPP9203L | Lisfranc, 2-3 TMT, Large, Left | 1 |
| MPP9201R | Lisfranc, 2-3 TMT, Small, Right | 1 |
| MPP9202R | Lisfranc, 2-3 TMT, Medium, Right | 1 |
| MPP9203R | Lisfranc, 2-3 TMT, Large, Right | 1 |
| MPP8400L | Lisfranc, 1st TMT with ICJ Arm, Left | 1 |
| MPP8400R | Lisfranc, 1st TMT with ICJ Arm, Right | 1 |
| MPP8401L | Lisfranc, 2nd TMT with ICJ Arm, Left | 1 |
| MPP8401R | Lisfranc, 2nd TMT with ICJ Arm, Right | 1 |

Section 3

Lisfranc Screws

| Item No. | Description | Qty. |
|----------|----------------------------|------|
| MSDL3720 | Lisfranc Screw, 3.7 X 20mm | 2 |
| MSDL3722 | Lisfranc Screw, 3.7 X 22mm | 2 |
| MSDL3724 | Lisfranc Screw, 3.7 X 24mm | 2 |
| MSDL3726 | Lisfranc Screw, 3.7 X 26mm | 2 |
| MSDL3728 | Lisfranc Screw, 3.7 X 28mm | 2 |
| MSDL3730 | Lisfranc Screw, 3.7 X 30mm | 2 |
| MSDL3732 | Lisfranc Screw, 3.7 X 32mm | 2 |
| MSDL3734 | Lisfranc Screw, 3.7 X 34mm | 2 |
| MSDL3736 | Lisfranc Screw, 3.7 X 36mm | 2 |
| MSDL3738 | Lisfranc Screw, 3.7 X 38mm | 2 |
| MSDL3740 | Lisfranc Screw, 3.7 X 40mm | 2 |
| MSDL3742 | Lisfranc Screw, 3.7 X 42mm | 2 |
| MSDL3744 | Lisfranc Screw, 3.7 X 44mm | 2 |
| MSDL3746 | Lisfranc Screw, 3.7 X 46mm | 2 |
| MSDL3748 | Lisfranc Screw, 3.7 X 48mm | 2 |
| MSDL3750 | Lisfranc Screw, 3.7 X 50mm | 2 |
| MSDL3755 | Lisfranc Screw, 3.7 X 55mm | 2 |
| MSDL3760 | Lisfranc Screw, 3.7 X 60mm | 2 |
| MSDL4120 | Lisfranc Screw, 4.1 X 20mm | 2 |
| MSDL4122 | Lisfranc Screw, 4.1 X 22mm | 2 |
| MSDL4124 | Lisfranc Screw, 4.1 X 24mm | 2 |
| MSDL4126 | Lisfranc Screw, 4.1 X 26mm | 2 |
| MSDL4128 | Lisfranc Screw, 4.1 X 28mm | 2 |

| Item No. | Description | Qty. |
|----------|------------------------------|------|
| MSDL4130 | Lisfranc Screw, 4.1 X 30mm | 2 |
| MSDL4132 | Lisfranc Screw, 4.1 X 32mm | 2 |
| MSDL4134 | Lisfranc Screw, 4.1 X 34mm | 2 |
| MSDL4136 | Lisfranc Screw, 4.1 X 36mm | 2 |
| MSDL4138 | Lisfranc Screw, 4.1 X 38mm | 2 |
| MSDL4140 | Lisfranc Screw, 4.1 X 40mm | 2 |
| MSDL4142 | Lisfranc Screw, 4.1 X 42mm | 2 |
| MSDL4144 | Lisfranc Screw, 4.1 X 44mm | 2 |
| MSDL4146 | Lisfranc Screw, 4.1 X 46mm | 2 |
| MSDL4148 | Lisfranc Screw, 4.1 X 48mm | 2 |
| MSDL4150 | Lisfranc Screw, 4.1 X 50mm | 2 |
| MSDL4155 | Lisfranc Screw, 4.1 X 55mm | 2 |
| MSDL4160 | Lisfranc Screw, 4.1 X 60mm | 2 |
| MSW04045 | Washer | 2 |
| MSN10015 | Ø2.6mm Cannulated Drill Bit | 2 |
| MSN10016 | Ø3.7mm Cannulated Over Drill | 2 |
| MSN10017 | Ø2.8mm Cannulated Drill Bit | 2 |
| MSN10018 | Ø4.1mm Cannulated Over Drill | 2 |
| MSG14150 | Ø1.4 x 150mm Guidewire | 6 |
| MSN20014 | Lisfranc Screw Countersink | 1 |
| MPN53002 | Lisfranc Tissue Protector | 1 |
| MPN53003 | Guidewire Sleeve | 1 |
| MSN40001 | Cannulated Depth Gauge | 1 |

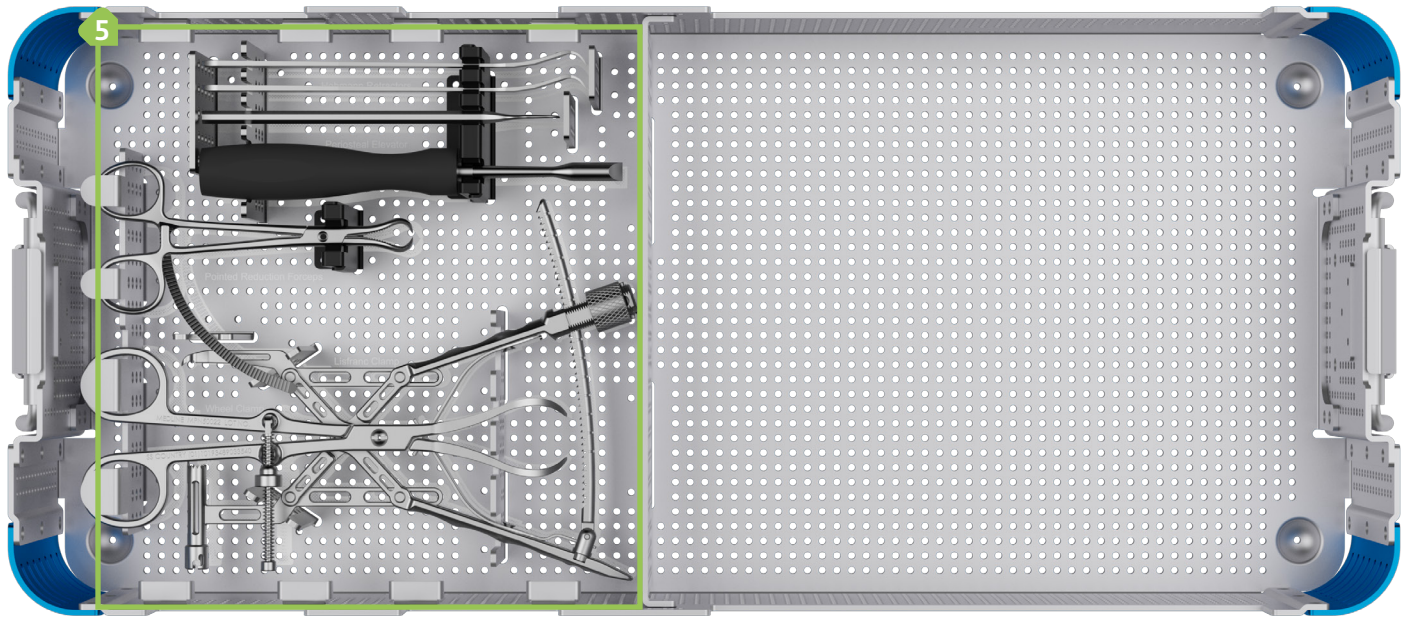
Section 4

Plate Screws

| Item No. | Description | Qty. |
|----------|--------------------------------------|------|
| MPSN3512 | Screw, Non-Locking, 3.5 X 12mm | 2 |
| MPSN3514 | Screw, Non-Locking, 3.5 X 14mm | 2 |
| MPSN3516 | Screw, Non-Locking, 3.5 X 16mm | 2 |
| MPSN3518 | Screw, Non-Locking, 3.5 X 18mm | 2 |
| MPSN3520 | Screw, Non-Locking, 3.5 X 20mm | 2 |
| MPSN3522 | Screw, Non-Locking, 3.5 X 22mm | 2 |
| MPSN3524 | Screw, Non-Locking, 3.5 X 24mm | 2 |
| MPSN3526 | Screw, Non-Locking, 3.5 X 26mm | 2 |
| MPSN3528 | Screw, Non-Locking, 3.5 X 28mm | 2 |
| MPSN3530 | Screw, Non-Locking, 3.5 X 30mm | 2 |
| MPSL3512 | Screw, Polyaxial Locking, 3.5 X 12mm | 2 |
| MPSL3514 | Screw, Polyaxial Locking, 3.5 X 14mm | 2 |
| MPSL3516 | Screw, Polyaxial Locking, 3.5 X 16mm | 2 |
| MPSL3518 | Screw, Polyaxial Locking, 3.5 X 18mm | 2 |
| MPSL3520 | Screw, Polyaxial Locking, 3.5 X 20mm | 2 |
| MPSL3522 | Screw, Polyaxial Locking, 3.5 X 22mm | 2 |
| MPSL3524 | Screw, Polyaxial Locking, 3.5 X 24mm | 2 |
| MPSL3526 | Screw, Polyaxial Locking, 3.5 X 26mm | 2 |
| MPSL3528 | Screw, Polyaxial Locking, 3.5 X 28mm | 2 |
| MPSL3530 | Screw, Polyaxial Locking, 3.5 X 30mm | 2 |
| MPSN4014 | Screw, Non-Locking, 4.0 X 14mm | 4 |
| MPSN4016 | Screw, Non-Locking, 4.0 X 16mm | 4 |
| MPSN4018 | Screw, Non-Locking, 4.0 X 18mm | 4 |
| MPSN4020 | Screw, Non-Locking, 4.0 X 20mm | 4 |
| MPSN4022 | Screw, Non-Locking, 4.0 X 22mm | 4 |
| MPSN4024 | Screw, Non-Locking, 4.0 X 24mm | 4 |
| MPSN4026 | Screw, Non-Locking, 4.0 X 26mm | 4 |
| MPSN4028 | Screw, Non-Locking, 4.0 X 28mm | 4 |
| MPSN4030 | Screw, Non-Locking, 4.0 X 30mm | 4 |
| MPSN4032 | Screw, Non-Locking, 4.0 X 32mm | 4 |
| MPSN4034 | Screw, Non-Locking, 4.0 X 34mm | 4 |
| MPSN4036 | Screw, Non-Locking, 4.0 X 36mm | 4 |
| MPSN4038 | Screw, Non-Locking, 4.0 X 38mm | 4 |
| MPSN4040 | Screw, Non-Locking, 4.0 X 40mm | 4 |

| Item No. | Description | Qty. |
|----------|--------------------------------------|------|
| MPSN4042 | Screw, Non-Locking, 4.0 X 42mm | 2 |
| MPSN4044 | Screw, Non-Locking, 4.0 X 44mm | 2 |
| MPSN4046 | Screw, Non-Locking, 4.0 X 46mm | 2 |
| MPSN4048 | Screw, Non-Locking, 4.0 X 48mm | 2 |
| MPSN4050 | Screw, Non-Locking, 4.0 X 50mm | 2 |
| MPSN4052 | Screw, Non-Locking, 4.0 X 52mm | 2 |
| MPSN4054 | Screw, Non-Locking, 4.0 X 54mm | 2 |
| MPSN4056 | Screw, Non-Locking, 4.0 X 56mm | 2 |
| MPSN4058 | Screw, Non-Locking, 4.0 X 58mm | 2 |
| MPSN4060 | Screw, Non-Locking, 4.0 X 60mm | 2 |
| MPSL4014 | Screw, Polyaxial Locking, 4.0 X 14mm | 4 |
| MPSL4016 | Screw, Polyaxial Locking, 4.0 X 16mm | 4 |
| MPSL4018 | Screw, Polyaxial Locking, 4.0 X 18mm | 4 |
| MPSL4020 | Screw, Polyaxial Locking, 4.0 X 20mm | 4 |
| MPSL4022 | Screw, Polyaxial Locking, 4.0 X 22mm | 4 |
| MPSL4024 | Screw, Polyaxial Locking, 4.0 X 24mm | 4 |
| MPSL4026 | Screw, Polyaxial Locking, 4.0 X 26mm | 4 |
| MPSL4028 | Screw, Polyaxial Locking, 4.0 X 28mm | 4 |
| MPSL4030 | Screw, Polyaxial Locking, 4.0 X 30mm | 4 |
| MPSL4032 | Screw, Polyaxial Locking, 4.0 X 32mm | 4 |
| MPSL4034 | Screw, Polyaxial Locking, 4.0 X 34mm | 4 |
| MPSL4036 | Screw, Polyaxial Locking, 4.0 X 36mm | 4 |
| MPSL4038 | Screw, Polyaxial Locking, 4.0 X 38mm | 4 |
| MPSL4040 | Screw, Polyaxial Locking, 4.0 X 40mm | 4 |
| MPSL4042 | Screw, Polyaxial Locking, 4.0 X 42mm | 2 |
| MPSL4044 | Screw, Polyaxial Locking, 4.0 X 44mm | 2 |
| MPSL4046 | Screw, Polyaxial Locking, 4.0 X 46mm | 2 |
| MPSL4048 | Screw, Polyaxial Locking, 4.0 X 48mm | 2 |
| MPSL4050 | Screw, Polyaxial Locking, 4.0 X 50mm | 2 |
| MPSL4055 | Screw, Polyaxial Locking, 4.0 X 55mm | 2 |
| MPSL4060 | Screw, Polyaxial Locking, 4.0 X 60mm | 2 |
| MPN10030 | Ø3.0mm Drill Bit | 2 |
| MPN40008 | Ø3.0mm Locking Drill Guide Tower | 2 |
| MPN40009 | Ø3.0mm Compression Slot Drill Guide | 1 |

Tray Layout



Section 5

Instrumentation Tray

| Item No. | Description | Qty. |
|----------|-------------------------------------|------|
| MPN51006 | Mini-Hohmann Retractor | 2 |
| MPN50005 | Bone Fragment Pick | 1 |
| MPN50006 | Periosteal Elevator | 1 |
| MPN53000 | Pointed Reduction Clamp, Long Throw | 1 |
| MPN50022 | Pointed Reduction Clamp, Wheel | 1 |
| MPN53001 | Lisfranc Targeting Guide Clamp | 1 |

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