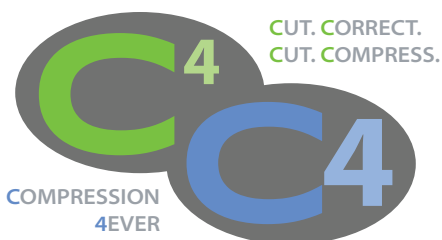


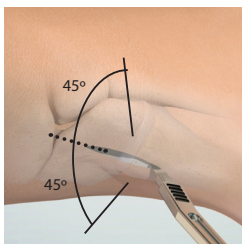
# dynaBunion™

4D Minimal-Incision Lapidus System

## POCKET GUIDE

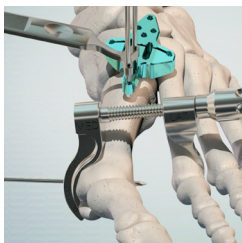
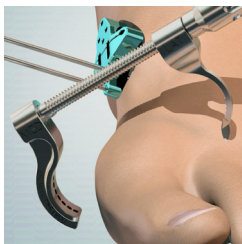


# Cut Metatarsal



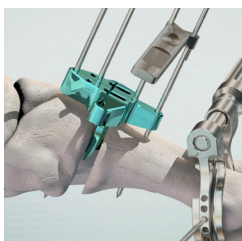
- Create a dorsomedial incision at 45° relative to the plantar plane
- After mobilizing the joint, place the cut guide dorsomedial with cut slot facing the metatarsal
- Place a short wire and a long wire into the two distal holes of the cut guide
- Cut the metatarsal with the provided blade (different connection types available)
- Remove the cut guide and bone resection
- Flip the cut guide 180°, with the cut slot facing the cuneiform

## Correct



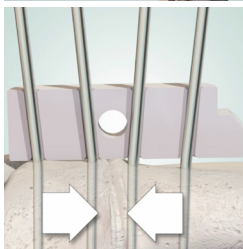
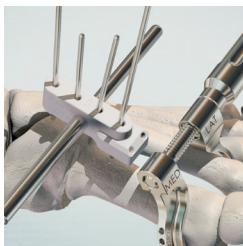
- Assemble the reducer on the foot, with the lateral hook passing through a small stab incision between 2nd and 3rd metatarsal, the medial hook is placed over the skin
- Turn the reducer knob clockwise to close the reducer until it is snug
- Place the joystick over wires  
Correct sesamoid position with the frontal plane joystick
- Pass a short wire into the medial hook to hold the reducer and frontal plane correction
- Continue turning the knob to finish reducing intermetatarsal angle

# Cut Cuneiform



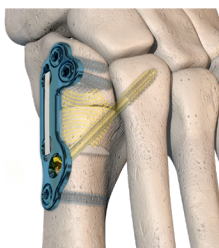
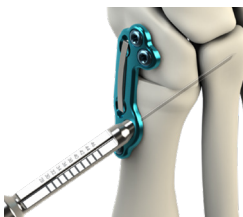
- Perform the windlass mechanism to create good apposition between paddle and cuneiform
- Place a short wire and long wire into the cuneiform through the cut guide
- Cut the cuneiform
- Remove the cut guide and bone resection
- Perform any desired joint prep

# Compress



- Place the 4D RAC block over the four dorsal wires
- Push down to bone so that proximal side touches cuneiform
- Apply plantar counter pressure to ensure met does not plantar shift, address sagittal plane elevatus at this time
- Apply additional RAC blocks until desired bony apposition is achieved
- Pass the final crossjoint fixation wire
- Remove the four dorsal wires and RAC block

## Staple Compression Plate™ Placement



- Any CrossRoads fixation can be placed, including the DynaBunion™ construct
- Align the DynaBunion plate medially
- Place the staple and all three standard screws
- Dock anti-drift wire guide into plate
- Pass wire through guide and into base of the 2nd metatarsal, measure length of screw needed
- Drive cannulated drill over wire
- Place anti-drift bolt

## TOP 5 KEY TIPS



- Dorsomedial incision & 45° cut guide placement (DO NOT GO STRAIGHT DORSAL)
- Distal reducer wire is NOT placed into the 2nd metatarsal
- ALWAYS dorsiflex the hallux to engage the windlass mechanism while placing cuneiform wires
- ALWAYS apply plantar counter pressure during RAC block placement.
- Ensure surgeon has confidence that the cross joint wire has good bone purchase, if not throw an additional wire. Lateral hole is recommended for the first wire.
- ALWAYS leave the reducer until all your fixation is placed.



## EcoSmart® Surgery

ALL Instruments and Implants Sterile Packaged

What sets do I need to bring to the case?



DynaBunion™  
Sterile Suitcase (Full)



Plate Screw Suitcase  
*Existing screw set inventory should be utilized or  
loaner sets are available by request.*

## What do I need to open?

**For every\* EcoSmart®  
DynaBunion™ Case  
you will need to open:**

- DynaBunion Kit: 1500-4800
- DynaForce Plate Kit: 1500-4701
- 18mm Staple Prep Kit: 7100-1800
- 40MM Sawblade

**Using an  
Anti-Drift Bolt?  
Need to re-cut?  
Need to bend a plate?**

**Then open this:**

- Anti-Drift Instrument Kit: 1500-4850
- ReCut Kit: 1500-48RC
- Plate Bender Kit : 7000-BEND

**What implants  
do I need to open?**

*\*If staple fixation is being utilized  
instead of SCP's, the 1500-4701 kit  
will not need to be opened.*

- Plate: DynaBunion, LZ, or LC
- 18MM Staple
- Anti-Drift Bolt  
(For DynaBunion Plate Only)
- 2-4 Screws 3.0/3.5 NL or PAL

## Non-EcoSmart® Surgery

ONLY Sharps and Implants Are Sterile Packaged

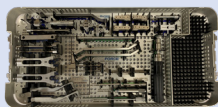
What sets do I need to bring to the case?



DynaBunion™  
Sterile Suitcase (Partial)



Plate Screw Suitcase  
*Existing screw set inventory  
should be utilized or loaner sets  
are available by request.*



DynaBunion™  
Non-Sterile Reusable Tray

## What do I need to open?

**For every\* Non-EcoSmart  
DynaBunion™ Case  
you will need to open:**

- DynaBunion SHARPS Kit: 1500-5060
- 40MM Saw Blade
- Stryker/MicroAir: 7000-40SB
- Conmed/Hall: PC5023.140 STE

**Using an  
Anti-Drift Bolt?**

**Then open this:**

- Anti-Drift Instrument Kit: 1500-4850

**What implants  
do I need to open?**

- Plate: DynaBunion, LZ, or LC
- 18MM Staple
- Anti-Drift Bolt  
(For DynaBunion Plate Only)
- 2-4 Screws 3.0/3.5 NL or PAL

# Plate Options



**DynaBunion™ SCP™**

TYPE	Right	Left
PART NUMBER	7100-LP18-R	7100-LP18-L
SLOT LENGTH/STAPLE SIZE	18mm	18mm
OVERALL LENGTH	42mm	42mm
THICKNESS	1.7mm	1.7mm
PLATE CURVATURE (DISTAL/PROXIMAL)	0 Degrees	0 Degrees
COMPATIBLE STAPLE	HiMax®	HiMax®
ANTI-DRIFT BOLT™ COMPATIBLE	YES	YES



**LC SCP™**

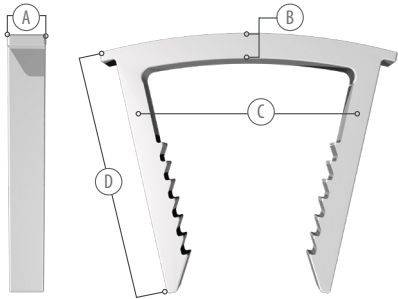
TYPE	Alpha	Beta
PART NUMBER	7100-LC18-A	7100-LC18-B
SLOT LENGTH/STAPLE SIZE	18mm	18mm
OVERALL LENGTH	44mm	44mm
THICKNESS	1.7mm	1.7mm
PLATE CURVATURE (DISTAL/PROXIMAL)	10 Degrees	10 Degrees
COMPATIBLE STAPLE	HiMax®-C	HiMax®-C
ANTI-DRIFT BOLT™ COMPATIBLE	NO	NO



**LZ SCP™**

TYPE	Alpha	Beta
PART NUMBER	7100-LZ18-A	7100-LZ18-B
SLOT LENGTH/STAPLE SIZE	18mm	18mm
OVERALL LENGTH	32mm	32mm
THICKNESS	1.7mm	1.7mm
PLATE CURVATURE (DISTAL/PROXIMAL)	10 Degrees	10 Degrees
COMPATIBLE STAPLE	HiMax®-C	HiMax®-C
ANTI-DRIFT BOLT™ COMPATIBLE	NO	NO

# Staple Options



## For Use with DynaBunion™ Plate



PART NUMBER		HiMax® Staple (18x18x18mm)	HiMax® Staple (18x14x14mm)	HiMax® Staple (18x18x14mm)
PART NUMBER		7118-1818	7118-1414	7118-1814
BRIDGE WIDTH	A	2.7mm	2.7mm	2.7mm
BRIDGE THICKNESS	B	1.8mm	1.8mm	1.8mm
INTERAXIS LENGTH	C	18mm	18mm	18mm
LEG LENGTH	D	18mm	14mm	18x14mm
REAMER SIZE		3.2mm	3.2mm	3.2mm
COMPRESSION		27lbs.	27lbs.	27lbs.
BRIDGE CURVATURE WHEN EXPANDED		0°	0°	0°

## For Use with LC™ and LZ™ Plate



PART NUMBER		HiMax® C Staple (18x18x18mm)	HiMax® C Staple (18x14x14mm)	HiMax® C Staple (18x18x14mm)
PART NUMBER		7118-1818-C	7118-1414-C	7118-1814-C
BRIDGE WIDTH	A	2.7mm	2.7mm	2.7mm
BRIDGE THICKNESS	B	1.8mm	1.8mm	1.8mm
INTERAXIS LENGTH	C	18mm	18mm	18mm
LEG LENGTH	D	18mm	18mm	18x14mm
REAMER SIZE		3.2mm	3.2mm	3.2mm
COMPRESSION		27lbs.	27lbs.	27lbs.
BRIDGE CURVATURE WHEN EXPANDED		10°	10°	10°

# Anti-Drift Bolt

(For Use with DynaBunion™ Plate Only)



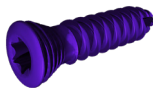
3.5mm, Non-Locking, Solid  
Partially Threaded, 14mm  
28-46mm Lengths, 2mm Increments

## Plate Screws



3.0mm  
POLYAXIAL LOCKING

PART NUMBER	15PL-3010 thru 15PL-3030
SIZE RANGE*	10mm-30mm
DRIVER	H10 (Hexalobe)
DRILL SIZE	2.0mm



3.5mm  
POLYAXIAL LOCKING

PART NUMBER	15PL-3510 thru 15PL-3530
SIZE RANGE*	10mm-30mm
DRIVER	H10 (Hexalobe)
DRILL SIZE	2.5mm



3.0mm  
NON-LOCKING

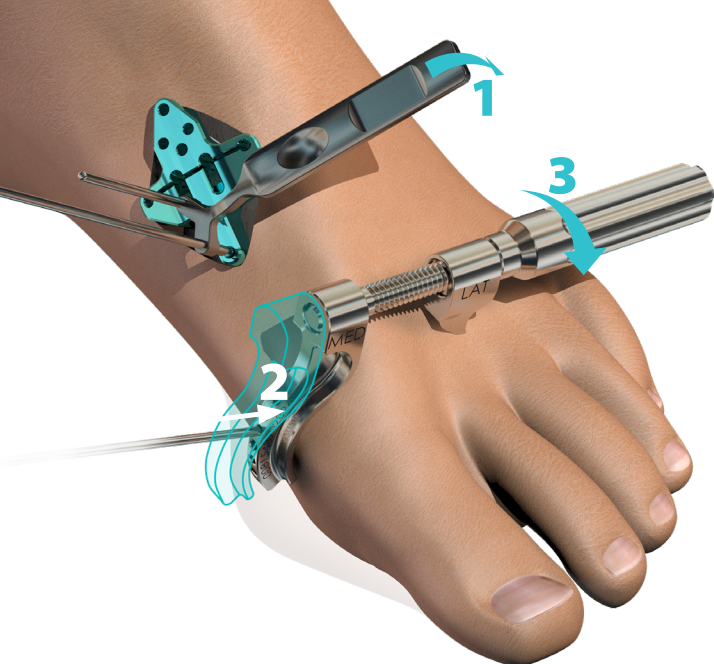
PART NUMBER	15NL-3010 thru 15NL-3030
SIZE RANGE*	10mm-30mm
DRIVER	H10 (Hexalobe)
DRILL SIZE	2.0mm



3.5mm  
NON-LOCKING

PART NUMBER	1500-3510 thru 1500-3550
SIZE RANGE*	10mm-50mm
DRIVER	H10 (Hexalobe)
DRILL SIZE	2.5mm

\*2mm increments



## Indications & Risks

The MotoClip®/HiMAX® Implant System is indicated for hand and foot bone fragment osteotomy fixation and joint arthrodesis. The MotoBAND® CP Implant System is indicated for stabilization and fixation of fresh fractures, revision procedures, joint fusion and reconstruction of small bones of the hand, feet, wrist, ankles, fingers and toes. When used for these indications, the MotoBAND® CP Implant System with the exception of the 2-hole plate may be used with the MotoCLIP®/HiMAX® Implant System.

There are potential risks associated with the use of these devices some of which include: allergic reaction to the implant material, fracture of the implant, soft-tissue complication (e.g., infection at the implant site, prolonged healing), and revision surgery. Refer to IFU for all contraindications, warnings, and risks.

US Patents: D870,284 & 10,492,841

Data on File for All Information & Data Listed

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LA0672 Rev A