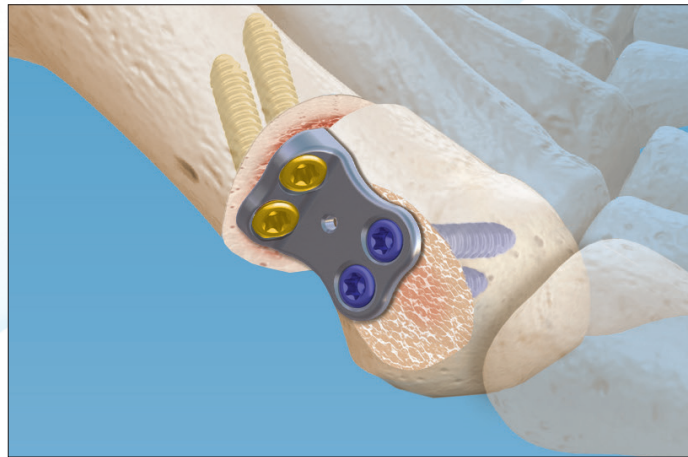


CoLink Vallux[®]

Active Bunion Procedure



Joint-Sparing MIS Solution for Triplanar Hallux Valgus Correction
Implant Guided Translational Osteotomy
Zero Prominence Plating System

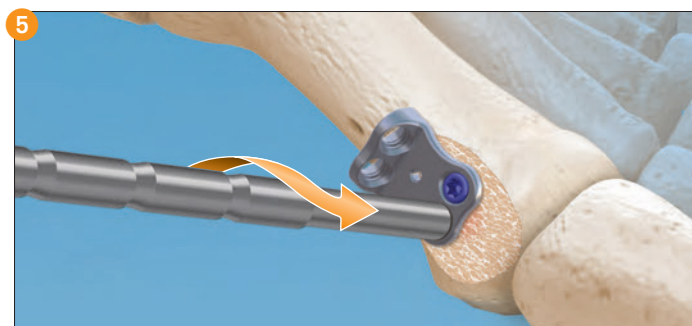
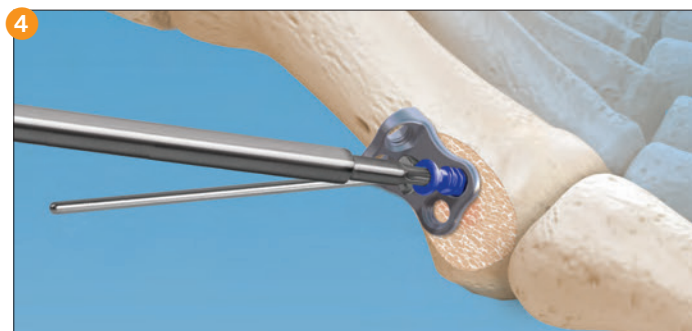
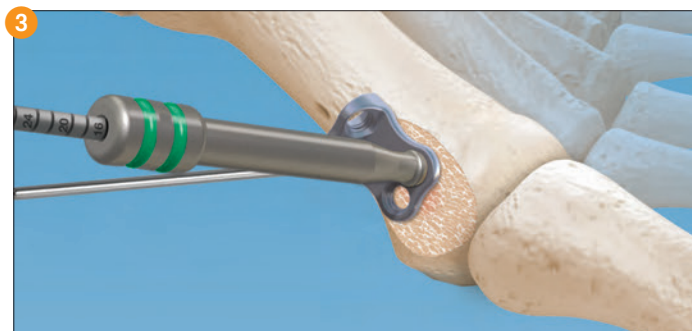


A GLOBAL EXTREMITY COMPANY

SURGICAL TECHNIQUE

CoLink Vallux®

Active Bunion Procedure



INCISION/EXPOSURE

Create a 1.5-2.0cm incision on the medial aspect of the first metatarsal head proximal to the joint capsule (**Figure 1**).

PRELIMINARY BONE PREPARATION

Once the medial capsulotomy is performed, use a small osteotome or saw to resect and excise the medial eminence along the distal medial first metatarsal taking care to not over resect the medial bone (**Figure 2**).

PLATE PLACEMENT

Place the Locking Drill Guide for the desired screw diameter into the distal dorsal screw hole of the plate.

Use the Locking Drill Guide to aid in positioning the plate on the medial aspect of the distal first metatarsal and place an Olive Wire in the central wire hole for temporary fixation (**Figure 3**).

Note: Use of fluoroscopy is recommended at this point to verify the level of the osteotomy as indicated by the proximal aspect of the plate.

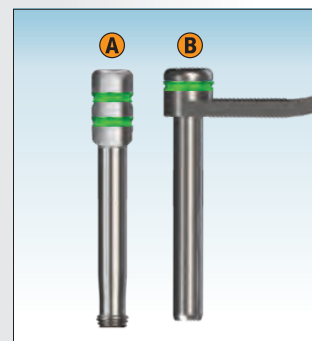
Prepare for the distal dorsal screw using the appropriate drill diameter, noting the necessary screw length from the calibrated markings on the drill or using the supplied Depth Gauge once the Drill Guide is removed. Remove the Locking Drill Guide and manually seat the screw to the plate using the driver, then remove the Olive Wire (**Figure 4**).

OSTEOTOMY

Insert a Threaded Bending Bar into the distal plantar screw hole of the plate. This will allow for control of the metatarsal head after the osteotomy is performed (**Figure 5**).

DRILL GUIDES / COLOR CODES

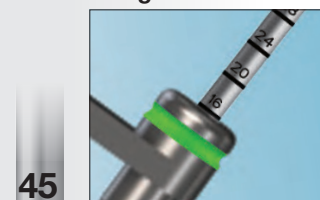
- 1.6mm for 2.4mm Screws
- 1.9mm for 2.7mm Screws



- A CoLink Locking Drill Guide
- B CoLink Non-Locking Drill Guide

DRILL GUIDE / DEPTH GAUGE OPTIONS

Non-locking Drill Guide



Non-locking Drill Guide uses Laser marked / calibrated Drill or supplied Depth Gauge for screw length measurement.

Locking Drill Guide

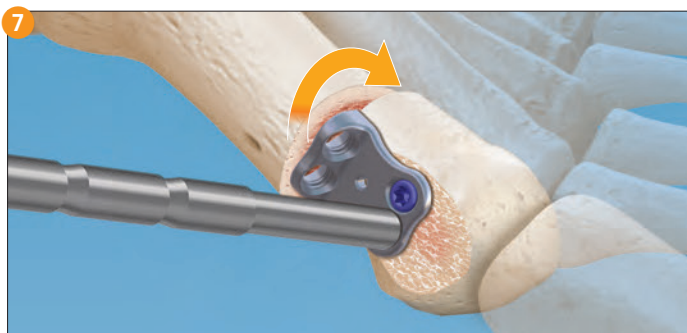


Locking Drill Guide also uses Laser marked / calibrated Drill or supplied Depth Gauge for screw length measurement.



Utilizing the proximal end of the plate as a guide, use a long and narrow sawblade with a recommended minimum length of 25mm to perform the transverse osteotomy (**Figure 6**).

Note: Confirm the cut trajectory before initiating the saw.

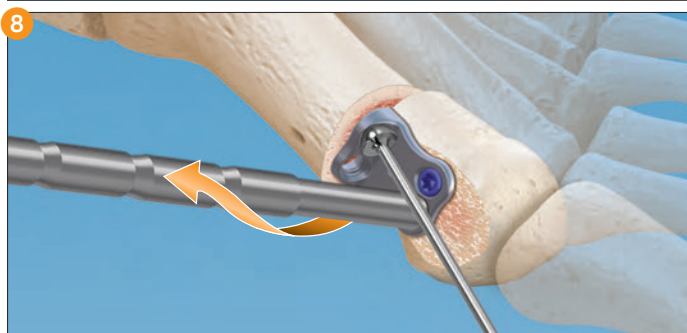


ALIGNMENT CORRECTION

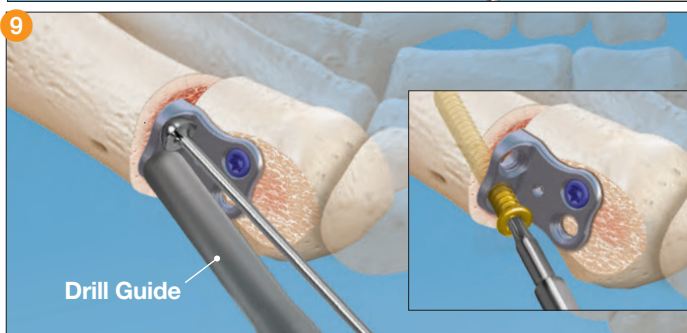
With a combination of manual pressure and the Threaded Bending Bar, displace the metatarsal head laterally to the desired offset. Correct the frontal plane deformity to realign the sesamoids (**Figure 7**).

Note: A minimum shift of 5.5mm is required to avoid proximal plate prominence.

Tip: A K-wire or an intramedullary lever may also be utilized to facilitate deformity correction and realignment.



Once reduction is achieved and the desired alignment is confirmed, place an Olive Wire in the dorsal proximal screw hole and engaging the lateral cortex of the metatarsal shaft for temporary stabilization and remove the Threaded Bending Bar from the construct (**Figure 8**).



FINAL FIXATION

Place the Drill Guide associated with the desired screw type and diameter in the proximal plantar screw hole and prepare the hole with the corresponding drill.

Note: It is important to engage the lateral cortex of the metatarsal shaft. If necessary, a 2.7mm VAL Screw may be placed to achieve lateral cortical fixation.

Determine the appropriate screw length and assemble the screw to the plate. Remove the Olive Wire (**Figure 9**).

Fill the remaining distal and proximal screw holes following the same procedure (**Figure 10**).

Per surgeon's preferred method, remove residual bone prominences prior to closure.



OPTIONAL LATERAL RELEASE

If required, a lateral release may be performed through a stab incision over the dorsal lateral aspect of the 1st MTP joint line.

CLOSURE

Close by preferred methods.

CoLink Vallux®

Active Bunion Procedure

- Joint-Sparing MIS Solution for Triplanar Hallux Valgus Correction
- Implant Guided Translational Osteotomy
- Zero Prominence Plating System



CoLink Vallux® Plate

CATALOG NO	DESCRIPTION / STYLE
P90 ST031	CoLink Vallux Plate

STERILE DISPOSABLE INSTRUMENT KIT

P06 S0001 Contains 1.6mm and 1.9mm Drills, 1.6mm K-wires and 1.1mm Olive Wires



P04 S0051 T8 Driver, Solid, AO, Sterile



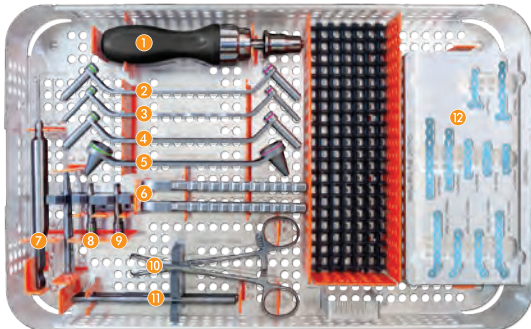
Note: A saw blade is not provided in the system. Use of a long and narrow blade with a minimum length of 25mm is recommended.

NON-STERILE DISPOSABLE INSTRUMENTS

P09 N0051 CoLink Vallux Olive Wire - .045, Long, Non-Sterile



REUSABLE INSTRUMENT SET



- 1 P04 N0261 Torque Limiting Handle, AO
- 2 P06 N0581 Compression Slot Drill Guide: 1.6/1.9mm
- 3 P06 N0091 Non-Locking Screw Drill Guide: 1.6/1.9mm
- 4 P09 N0021 Speed Drill Guide: 1.6/1.9mm
- 5 P09 N0031 Variable Angle Locking Screw Drill Guide: 1.6/1.9mm
- 6 P06 N0231 Plate Bending Iron
- 7 P06 N0621 Depth Gauge
- 8 P09 N0041 Locking Screw Drill Guide 1.6 mm
- 9 P09 N0042 Locking Screw Drill Guide 1.9 mm
- 10 P06 N0651 Reduction Forceps pointed/serrated
- 11 P09 N0011 Threaded Bending Bars
- 12 CoLink Mini Trial Plate Caddy

Note: CoLink Vallux is available in one size, therefore the set does not include a trial plate.



CoLink® 2.4mm Low-pro Cortical

CATALOG NO	DIA x LENGTH	STYLE
P92 ST008	2.4 x 8mm.....	Non-Locking
P92 ST009	2.4 x 9mm.....	Non-Locking
P92 ST010	2.4 x 10mm.....	Non-Locking
P92 ST011	2.4 x 11mm.....	Non-Locking
P92 ST012	2.4 x 12mm.....	Non-Locking
P92 ST013	2.4 x 13mm.....	Non-Locking
P92 ST014	2.4 x 14mm.....	Non-Locking
P92 ST015	2.4 x 15mm.....	Non-Locking
P92 ST016	2.4 x 16mm.....	Non-Locking
P92 ST018	2.4 x 18mm.....	Non-Locking
P92 ST020	2.4 x 20mm.....	Non-Locking



CoLink® 2.4mm Locking Screws

P92 ST108	2.4 x 8mm.....	Locking
P92 ST109	2.4 x 9mm.....	Locking
P92 ST110	2.4 x 10mm.....	Locking
P92 ST111	2.4 x 11mm.....	Locking
P92 ST112	2.4 x 12mm.....	Locking
P92 ST113	2.4 x 13mm.....	Locking
P92 ST114	2.4 x 14mm.....	Locking
P92 ST115	2.4 x 15mm.....	Locking
P92 ST116	2.4 x 16mm.....	Locking
P92 ST118	2.4 x 18mm.....	Locking
P92 ST120	2.4 x 20mm.....	Locking



CoLink® Afx 2.7mm Low-pro Cortical

P72 ST008	2.7 x 8mm.....	Non-Locking
P72 ST010	2.7 x 10mm.....	Non-Locking
P72 ST012	2.7 x 12mm.....	Non-Locking
P72 ST014	2.7 x 14mm.....	Non-Locking
P72 ST016	2.7 x 16mm.....	Non-Locking
P72 ST018	2.7 x 18mm.....	Non-Locking
P72 ST020	2.7 x 20mm.....	Non-Locking
P72 ST022	2.7 x 22mm.....	Non-Locking
P72 ST024	2.7 x 24mm.....	Non-Locking
P72 ST026	2.7 x 26mm.....	Non-Locking
P72 ST028	2.7 x 28mm.....	Non-Locking
P72 ST030	2.7 x 30mm.....	Non-Locking
P72 ST032	2.7 x 32.5mm.....	Non-Locking
P72 ST035	2.7 x 35mm.....	Non-Locking
P72 ST037	2.7 x 37.5mm.....	Non-Locking
P72 ST040	2.7 x 40mm.....	Non-Locking



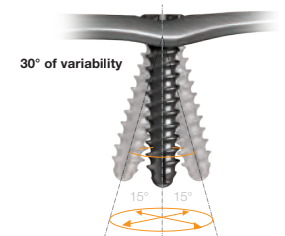
CoLink® Afx 2.7mm Locking Screws

CATALOG NO	DIA x LENGTH	STYLE
P72 ST108	2.7 x 8mm.....	Locking
P72 ST110	2.7 x 10mm.....	Locking
P72 ST112	2.7 x 12mm.....	Locking
P72 ST114	2.7 x 14mm.....	Locking
P72 ST116	2.7 x 16mm.....	Locking
P72 ST118	2.7 x 18mm.....	Locking
P72 ST120	2.7 x 20mm.....	Locking
P72 ST122	2.7 x 22mm.....	Locking
P72 ST124	2.7 x 24mm.....	Locking
P72 ST126	2.7 x 26mm.....	Locking
P72 ST128	2.7 x 28mm.....	Locking
P72 ST130	2.7 x 30mm.....	Locking
P72 ST132	2.7 x 32.5mm.....	Locking
P72 ST135	2.7 x 35mm.....	Locking
P72 ST137	2.7 x 37.5mm.....	Locking
P72 ST140	2.7 x 40mm.....	Locking



CoLink Afx 2.7mm VAL™ Screws

P72 ST208	2.7 x 8mm.....	VAL
P72 ST210	2.7 x 10mm.....	VAL
P72 ST212	2.7 x 12mm.....	VAL
P72 ST214	2.7 x 14mm.....	VAL
P72 ST216	2.7 x 16mm.....	VAL
P72 ST218	2.7 x 18mm.....	VAL
P72 ST220	2.7 x 20mm.....	VAL
P72 ST222	2.7 x 22mm.....	VAL
P72 ST224	2.7 x 24mm.....	VAL
P72 ST226	2.7 x 26mm.....	VAL
P72 ST228	2.7 x 28mm.....	VAL
P72 ST230	2.7 x 30mm.....	VAL
P72 ST232	2.7 x 32.5mm.....	VAL
P72 ST235	2.7 x 35mm.....	VAL
P72 ST237	2.7 x 37.5mm.....	VAL
P72 ST240	2.7 x 40mm.....	VAL



CoLink VAL™ - Variable Angle Locking Screws

CoLink Vallux Plates feature variable angle locking technology with polyaxial screw placement and 30° of locking variability for improved angular stability.

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A GLOBAL EXTREMITY COMPANY

Corporate Headquarters

In2Bones Global, Inc. • Memphis, TN • USA
844. 602. 6637 • Info@i2b-USA.com

International Office

In2Bones SAS • Lyon • France
+33 (0)4 72 29 26 26

In2Bones.com

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