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	DECRIPTION / STYLE
P90 ST031	CoLink Vallux Plate

STERILE DISPOSABLE INSTRUMENT KIT

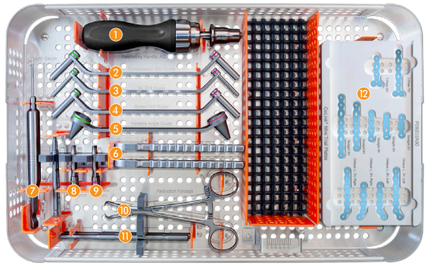
P06 S0001 Contains 1.6mm and 1.9mm Drills, 1.6mm K-wires and 1.1mm Olive Wires

P04 S0051 T8 Driver, Solid, AO, Sterile

P02 S0131 0.062x2.4" Olive Wire, 2 Pack
P06 S0003 CoLag Single Use Kit - Ø3.0
P06 S2292 2.0mm K-Wire, 2 Pack

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.

COLINK® MINI REUSABLE INSTRUMENT TRAY
P09 N0001



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

CoLag® 3.0mm Compression Screws

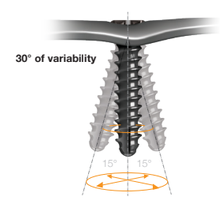
P67 ST312	3.0 x 12.0mm
P67 ST314	3.0 x 14.0mm
P67 ST316	3.0 x 16.0mm
P67 ST318	3.0 x 18.0mm
P67 ST320	3.0 x 20.0mm
P67 ST322	3.0 x 22.0mm
P67 ST324	3.0 x 24.0mm
P67 ST326	3.0 x 26.0mm
P67 ST328	3.0 x 28.0mm
P67 ST330	3.0 x 30.0mm
P67 ST332	3.0 x 32.0mm
P67 ST334	3.0 x 34.0mm
P67 ST336	3.0 x 36.0mm
P67 ST338	3.0 x 38.0mm
P67 ST340	3.0 x 40.0mm

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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CAUTION: Federal law (USA) restricts this device to sale and use by, or on the order of a physician.

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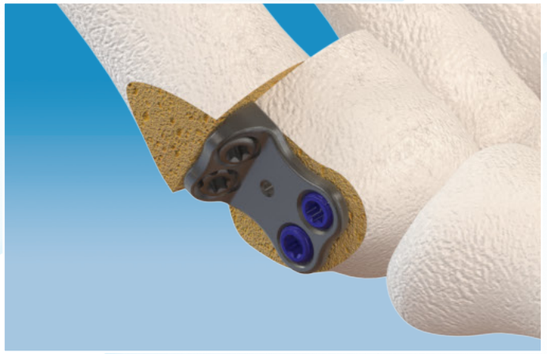
CoLink Vallux®

Active Bunion Procedure



Joint-Sparing MIS Solution for Triplanar Hallux Valgus Correction

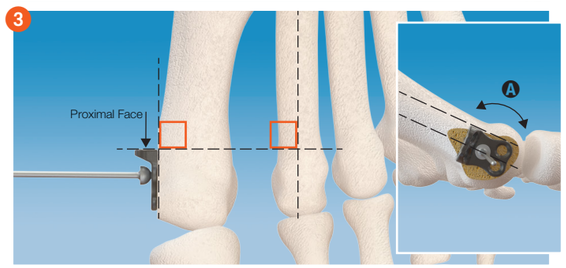
Implant Guided Translational Osteotomy

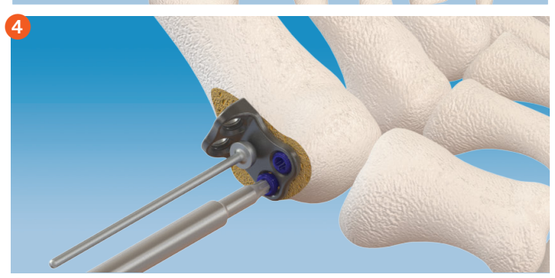
Zero Prominence Plating System

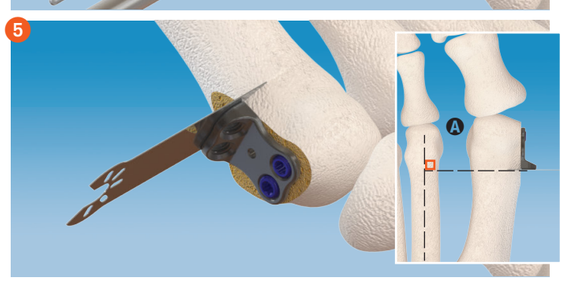
OPTIONAL SURGICAL TECHNIQUE

CoLink Vallux®

Active Bunion Procedure







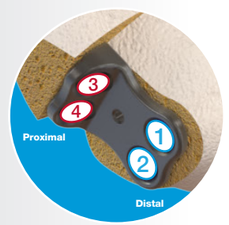
RESECTION AND DISTAL FIXATION

1. Expose the deformity through a 1.5cm to 3.0cm medial incision.
2. Resect the medial eminence taking care to ensure parallelism with the axis of the 2nd metatarsal.

   Note: *Proper execution of the eminence resection directly impacts the final plate placement and should be confirmed using fluoroscopy.*
3. Place the CoLink Vallux Plate on the newly resected bone surface, positioning the proximal face of the plate proximal to the sesamoids and aligning the dorsal aspect parallel to the central axis of the 2nd (A).

   Insert the Olive Wire from the CoLink Sterile Disposable Instrument Kit (P06 S0001) through the central wire hole to temporarily fix the plate to the bone.
4. Prepare the distal screw holes using the corresponding drill for the desired screw diameter (1.6mm drill for 2.4mm Screws, and 1.9mm drill for 2.7mm Screws) and seat the appropriate screws to the plate.

SCREW SIZE & SEQUENCE



2.4/2.7mm Locking/ Non-Locking

3.0mm CoLag or 2.7mm VAL/Locking

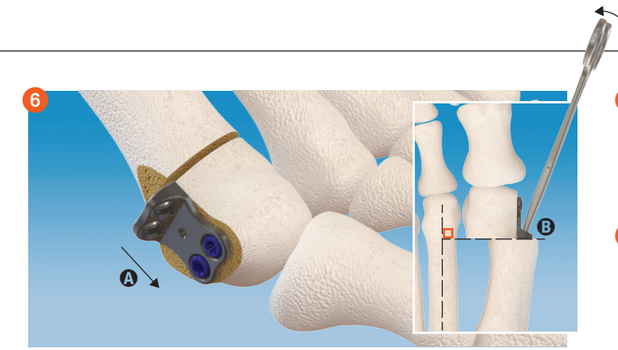
OSTEOTOMY AND REPOSITIONING OF SESAMOIDS

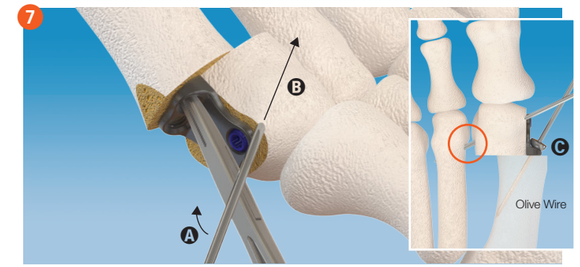
Optional: *Perform a lateral release prior to completing the osteotomy.*

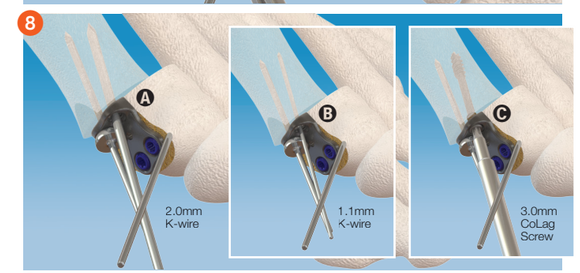
5. Using the proximal face of the plate as a saw guide, create the translational osteotomy.

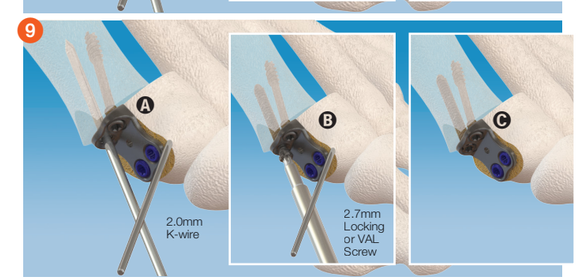
   Note: *The osteotomy should be perpendicular to the axis of the 2nd metatarsal and proximal to the sesamoids (A).*

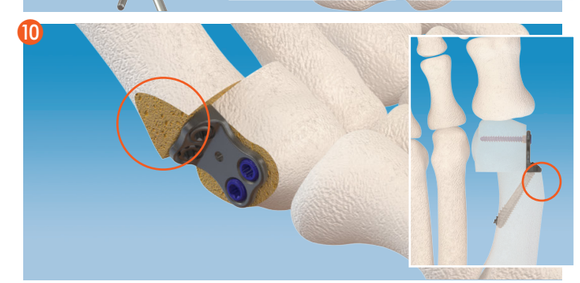
   Confirm completion of the osteotomy with a straight osteotome.











6. Distract the toe and apply pressure to the capital fragment to enable a lateral shift (A). Introduce a curved mosquito hemostat or mayo scissor through the dorsal proximal plate hole. Engage the medial aspect of the canal and pivot to facilitate additional translation, if necessary (B).
7. Insert a 1.6mm K-wire distal and next to the plate. Use the wire to help rotate the capital fragment and orient the sesamoids in the desired position (A). Advance the K-wire into the 2nd metatarsal to maintain the desired alignment (B).

   Insert a 0.062x2.4" Olive Wire (P02 S0131) through the plantar proximal screw hole, advancing until securely engaged with the lateral cortex (C).

   Remove the hemostat or mayo scissor.

PROXIMAL FIXATION

8. Prepare the proximal dorsal screw hole by aiming a 2.0mm K-wire (P06 S2292) through the plate hole and advancing it through the lateral cortex (A).

   To utilize a 3.0mm CoLag Screw, remove the 2.0mm K-wire and insert a 1.1mm K-wire in its place. Take care to ensure full insertion through the lateral cortex (B). Determine the appropriate length for the 3.0mm CoLag Screw and seat it to the plate. Then remove the 1.1mm K-wire (C).

   Pearl: *Ensure the threads are securely engaged with the lateral cortex. Take care not to overtighten the screw. If overtightening or mal-alignment occurs during screw placement, loosen the 3.0mm CoLag screw until the correct alignment returns.*

   Alternatively, a 2.7mm VAL Screw may be inserted following the trajectory of the 2.0mm K-wire through the plate hole.

   Remove the Olive Wire from the plantar proximal screw hole.
9. Use the 2.0mm K-wire to prepare the plantar proximal screw hole, ensuring lateral cortex engagement. Then, determine the necessary screw length with the Depth Gauge (A).

   Seat the appropriate 2.7mm Locking or VAL Screw, or 3.0mm CoLag Screw to the plate (B).

   Note: *If a 3.0mm CoLag Screw is chosen, remove the 2.0mm K-wire and replace it with a 1.1mm K-wire prior to CoLag insertion.*

   Remove the distal 1.6mm K-wire, releasing the temporary fixation between the 1st and 2nd metatarsals (C).
10. Per surgeon's preferred method, remove residual medial bone prominences prior to closure.