Surgical Technique

smith&nephew

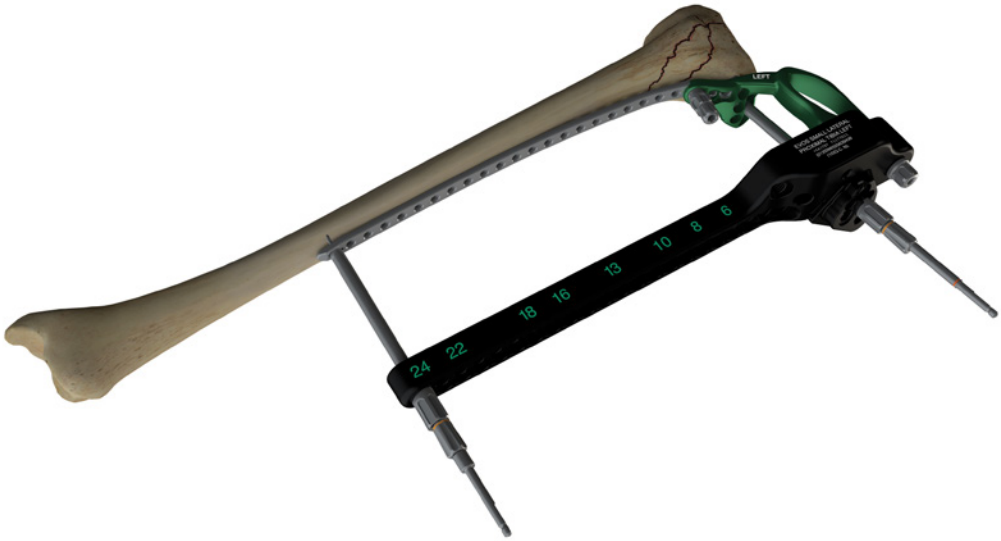
EVOS® LARGE & PERIPROSTHETIC

Plating System

EVOS® SMALL

Plating System

EVOS Targeting Systems



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Small Fragment Targeter Systems

Nota Bene
The following technique is for informational and educational purposes only. It is not intended to serve as medical advice. It is the responsibility of treating physicians to determine and utilize the appropriate products and techniques, according to their own clinical judgment for each of their patients. For more information on the product, including its Indications for Use, contraindications, preparation and product safety information, please refer to the product's label and the Instructions for Use (IFU) for the product.

Large Fragment Targeter System

The EVOS® LARGE Fragment & PERIPROSTHETIC Plating System is the next evolution of the osteosynthesis. Both the large fragment and periprosthetic plates operate off one unified instrument set and one screw set which is designed to reduce the amount of inventory and trays needed. The implant options within the system offer fixation options that allow for customized constructs based on the patient's anatomy and fracture needs.

- 316L Stainless Steel
- Anatomically Contoured Plates for Femur, Tibia and Humeral Fractures
- Periprosthetic Specific Plate Options
- High Torque Screws
- Percutaneous Targeters
- New EVOS Cabling System (see EVOS Cabling technique)
- A simple and straight forward instrument set that is designed to make EVOS LARGE Fragment & PERIPROSTHETIC Plating System efficient and easy to use by having:
  - Standardized drill bits[1-5]
  - Colour coded instrumentation[1-5]

	4.5 mm			5.7mm	6.7mm	6.5mm		3.5mm	
	Cortex	Locking	Blunt Tip Locking	Cannulated Locking	High Torgue	Cannulated	Cannulated Locking	Cortex	Locking
									
Major diameter	4.5mm	4.5mm	4.5mm	5.7mm	6.7mm	6.5mm	6.5mm	3.5mm	3.5mm
Head diameter	8.0mm	8.3mm	8.3mm	8.3mm	8.0mm	8.0mm	8.3mm	5.6mm	5.4mm
Minor diameter	3.5mm	3.5mm	3.5mm	4.5mm	5.0mm	5.0mm	5.0mm	2.5mm	2.5mm
Thread pitch	1.75mm	1.75mm	1.75mm	1.75mm	3.0mm	1.8mm	1.8mm	2.5mm	2.5mm
Driver	3.5mm Hex	3.5mm Hex	3.5mm Hex	3.5mm Hex	3.5mm Hex	4.7mm Hex	4.7mm Hex	2.5mm Hex	2.5mm Hex
Drills	3.7mm	3.7mm	3.7mm	4.5mm Cannulated	3.7mm	5.0mm Cannulated	5.0mm Cannulated	2.5mm	2.5mm
Guide wire diameter	N/A	N/A	N/A	2.0mm	N/A	3.2mm	3.2mm	N/A	N/A
Screw lengths	14 - 80mm, 2mm increments 85 - 130mm, 5mm increments	14 - 80mm, 2mm increments 85 - 130mm, 5mm increments	8 - 14mm, 2mm increments	20 - 130mm, 5mm increments	20-50mm, 2mm increments 55-110mm, 5mm increments	20 - 130mm, 5mm increments	20 - 130mm, 5mm increments	6 - 20mm, 1mm increments 22 - 50mm, 2mm increments 55 - 150mm, 5mm increments	6 - 20mm, 1mm increments 22 - 50mm, 2mm increments 55 - 110mm, 55mm increments

Large Fragment Plates

	4.5mm Proximal Femur Plate	4.5mm Lateral Distal Femur Plate	4.5mm Lateral Proximal Tibia Plate
			
Left/right specific	Yes	Yes	Yes
Head Thickness	4.0mm	3.5mm	3.8mm
Head Width	26.1mm	34.7mm	32.0mm
Shaft Thickness	5.7mm	5.7mm	4.0mm
Shaft Width	18.9mm	18.9mm	14.0mm
Shaft hole spacing	18.0mm	19.0mm	16.0mm
Hole/Length	2 hole, 99.0mm* 4 hole, 135.3mm 6 hole, 171.7mm 9 hole, 225.7mm 12 hole, 279.7mm 15 hole, 333.4mm 18 hole, 387.0mm*	4 hole, 106.0mm* 6 hole, 142.2mm 9 hole, 196.6mm 11 hole, 232.8mm 13 hole, 269.0mm 15 hole, 305.1mm 17 hole, 341.2mm 19 hole, 377.3mm	4 hole, 97.0mm 6 hole, 129.0mm 8 hole, 161.0mm 11 hole, 208.9mm 14 hole, 256.9mm 17 hole, 304.9mm*

*Plates available sterile only

	3.5mm/4.5mm Periprosthetic Distal Femur Plate	3.5mm/4.5mm Periprosthetic Proximal Femur Plate	3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate	3.5mm/4.5mm Periprosthetic Trochanteric Hook Plate
				
Left/right specific	Yes	Yes	Yes	Yes
Head Thickness	3.5mm	4.0mm	3.2mm	3.7mm
Head Width	34.3mm	29.3mm	30.7mm	25.4mm
Shaft Thickness	5.7mm	5.7mm	5.7mm	5.7mm
Shaft Width	25.4mm	25.4mm	25.4mm	25.4mm
Shaft hole spacing	18.0mm	18.0mm	18.0mm	18.0mm
Hole/Length	14 hole, 296.9mm 16 hole, 333.2mm 18 hole, 369.4mm 20 hole, 405.5mm 22 hole, 441.6mm	12 hole, 257.1mm 14 hole, 293.0mm 16 hole, 328.8mm 18 hole, 364.5mm 20 hole, 400.1mm	1 hole, 95.7mm 3 hole, 132.0mm 6 hole, 186.3mm 9 hole, 240.4mm 12 hole, 294.6mm 14 hole, 330.4mm 16 hole, 366.1mm 18 hole, 401.6mm 20 hole, 437.4mm	1 hole, 108.4mm 3 hole, 144.7mm 6 hole, 198.9mm 9 hole, 253.1mm 12 hole, 307.3mm*

*Plates available sterile only

Drill Guides	Technique	Variable Angle Holes	Threaded holes	Drill
Targeter 3.7mm Locking Guide 	Neutral Screws placement in threaded holes. - Cortex Screws - Locking Screws - High Torgue Screws		✓	Targeter 3.7mm Drill (71177735)
Targeter 4.5mm Locking Guide 	Overdrill for lag screws - Cortex Screws		✓	Targeter 4.5mm Overdrill (71177737)
Targeter 5.5mm Locking Guide 	Far Cortical Locking - 4.5mm Locking Screws		✓	Cortical Drill (71177765) Targeter 5.5mm overdrill (71177765)
Targeter 2.0mm Locking Guide 	Guide wire placement in threaded holes - 5.7mm Cannulated Locking		✓	Targeter 4.5mm Cannulated Drill (71177740) K-wire 2.0mm x 350mm (71177719)
Targeter 3.7mm Variable Angle Drill Guide 	Variable screw placement in 4.5mm variable angle holes - Cortex Screws - Locking Screws - High Torque Screws	✓		Targeter 3.7mm Drill (71177735) Targeter4.5mm Overdrill (71177737)
Targeter 2.5mm Drill Guide 	Variable Screw Placement in 3.5mm Variable Angle Holes - Cortex Screws - Locking Screws	✓		Targeter 2.5mm Drill (71177752)
Targeter 3.2mm Locking Guide 	Guide wire Placement in threaded holes - 6.5mm Cannulated Screws		✓	Targeter 5.0mm Cannulated Drill (71177745)

Plate Selection

The EVOS® LARGE Targeter System is compatible with a variety of locking contoured plates that can be used in many applications at the surgeon's discretion. Following fracture reduction, select the anatomic plate that best accommodates patient anatomy and fracture pattern. In general, a longer plate allows for better mechanical advantage over a shorter plate:

- EVOS 4.5mm Distal Femur Plate
- EVOS 4.5mm Proximal Femur Plate
- EVOS 4.5mm Lateral Proximal Tibia Plate

The EVOS LARGE Targeter system is also compatible with a variety of contoured plates offering more screw hole options. These plates are designed for fractures where typical plate fixation may be compromised or obstructed, e.g. a periprosthetic fracture of the distal femur when the patient has a total knee arthroplasty. More peripheral screw options accommodate for the canal obstruction in the periprosthetic fracture plates. Following fracture reduction, select the periprosthetic plate that best accommodates patient anatomy, fracture pattern, and nearby fixation obstructions. The same recommendations for large fragment anatomical plates apply. The following periprosthetic plates are available in the EVOS LARGE Fragment system:

- EVOS 3.5mm/4.5mm Periprosthetic Distal Femur Plate
- EVOS 3.5mm/4.5mm Periprosthetic Proximal Femur Plate
- EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Hook Plate
- EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate

Plate Modification

Minor plate contouring can be accomplished by using the plate bending irons or the plate bending press with anvils. The longer versions of the following plates feature a thinned-out profile at the end of the plate shaft to assist with contouring around the trochanter region or distal flare.

- 3.5mm/4.5mm Periprosthetic Distal Femur Plate
- 3.5mm/4.5mm Periprosthetic Proximal Femur Plate
- 3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate

Note: Plate contouring can affect the functionality of the locking mechanism. Avoid bending or contouring directly over a hole that will eventually be used for a locking screw. If plate contouring is necessary directly over holes, performing multiple smaller bends is less detrimental to the locking features compared to one dramatic bend. Plate contouring can also affect the accuracy of the Targeter instrumentation.

Fracture Reduction

Articular fracture components must be anatomically reduced prior to plate application and screw insertion. Reduction aids should be placed so as not to interfere with final plate placement. Reduce and provisionally secure fragments using K-wires or general reduction forceps provided by the hospital. Additional reduction instruments may be found in the EVOS® Advanced Reduction Instrument Set.

K-wires:

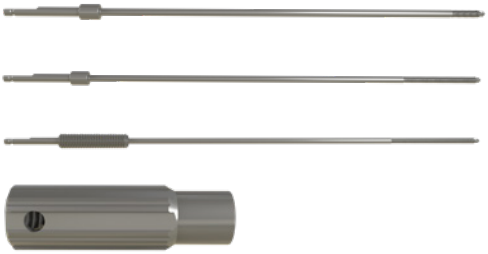
- 2.0mm Trocar Tip K-wire, 350mm
- 2.0mm Drill Tip K-wire, 350mm (optional)

The EVOS Targeter Push Screws may also be used to push the plate away from bone in order to obtain appropriate reduction. After positioning the Targeter-plate construct per the steps below, attach the locking guide to the plate following appropriate steps. Insert the push screw into the guide and advance until sufficient separation of plate and bone are achieved. Confirm radiographically. Proceed with further and final fixation.

Provisional Fixation

The EVOS® LARGE Fragment Plate Handle may be attached to any 4.5mm threaded hole and used as a handle for plate manipulation and insertion. Provisional fixation may be achieved by using any of the offered provisional fixation pins.

Cat. No.	Description
71175093	2.5mm Provisional Fixation Pin, 14mm
71175094	2.5mm Provisional Fixation Pin, 25mm
71175095	2.5mm Provisional Fixation Pin, 40mm
71177725	3.5mm Provisional Fixation Pin, 14mm
71177726	3.5mm Provisional Fixation Pin, 40mm
71177728	3.5mm Provisional Compression Pin, 60mm
71175605	3.5mm Provisional Compression Nut



Initial insertion of provisional pins may be started on power, but final seating should be performed by hand to avoid stripping of the threads and loss of purchase.

The provisional compression pins may be left proud of the plate and the compression nuts can then be tightened for provisional compression.

14mm provisional pins are designed for unicortical provisional fixation. The longer length provisional pins are design for bicortical provisional fixation.

The provisional compression nut may be tightened by hand, using the removal tool, or using the small AO quick connect end of 3.5mm driver shaft.

4.5mm Distal Femur Plate

Plate selection

Select the 4.5mm Distal Femur Locking Plate that best accommodates patient anatomy and fracture pattern. In general, a longer plate allows for better mechanical advantage over a shorter plate. An allowance for eight or more screw holes above the most proximal aspect of the fracture is recommended when selecting a plate length. The plate should be positioned distally to optimize screw density in the distal femoral block. Additionally, plate selection should take into account additional implants that are pre-existing in the femur.

Plate positioning and Fracture Reduction

The technique for application of the plate to the lateral femur depends on whether the reduction has been accomplished independent of plate application or if the plate will be used as a reduction tool.

In cases where the reduction has been accomplished prior to plate application, position the plate by matching the contour of the plate distally optimizing the position of the plate over the distal femoral condyle and confirming the proximal end of the plate is centered on the femoral shaft. 3.5mm Provisional Fixation Pins can be used in the proximal and distal fragments to provisionally hold plate position. Generally, the center hole of the distal cluster can be used to provisionally hold plate position distally, and a hole near the proximal end of the plate can be used to hold proximally.

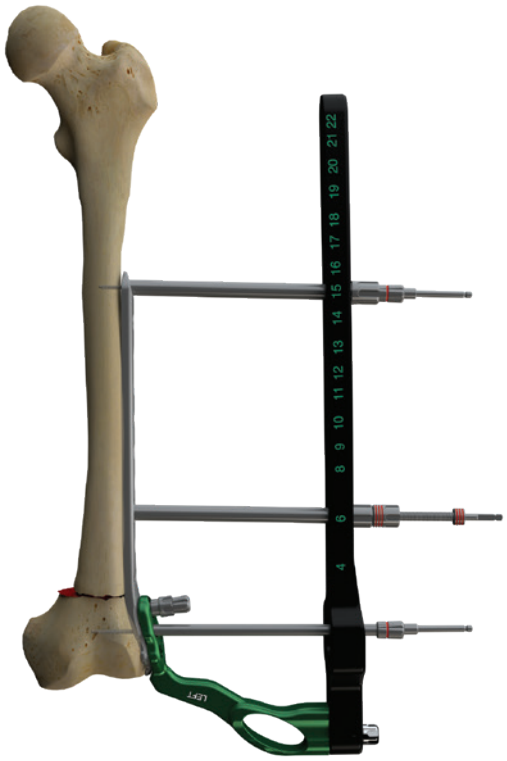
To confirm alignment in the coronal plane (ie varus/valgus), attach the 4.5mm/5.7mm Locking Screw Guide with the 2.0mm K-wire Locking Guide Insert to any of the distal holes. Insert a 2.0mm x 228mm Guide Pin through the K-wire Locking Guide Insert. A K-wire parallel to the joint indicates the distal segment is in 5 degrees of valgus relative to the shaft portion of the plate. If needed, loosen the Provisional Fixation Pin and adjust plate placement until correct coronal alignment is achieved. The entirety of the plate should be over bone allowing for bicortical fixation. Once reduction and plate position are confirmed to be satisfactory, the plate is definitively fixed with screws to the proximal and distal fragments. If there is any mismatch in contour between plate and bone, locked screws are used in these areas so that the reduction is not disturbed.

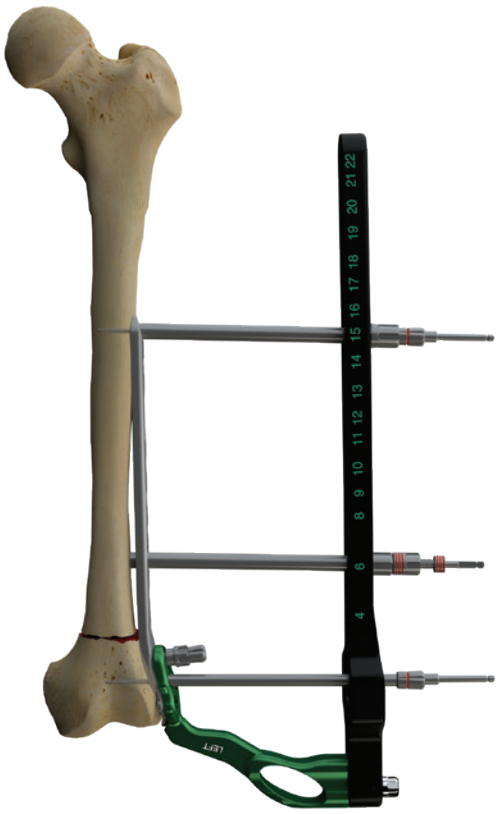
4.5mm Distal Femur Plate *continued*

In cases where the plate is used as a reduction aid, position the plate by matching the contour of the plate to the distal portion of the lateral femur. 3.5mm Provisional Fixation Pins can be used in distal fragments to provisionally hold plate position. Alternatively, screws can be used to secure the plate provisionally. Generally, the center hole of the distal cluster can be used to provisionally hold plate position distally. To confirm alignment of the plate relative to the distal fragment in the coronal plane that is, varus and valgus, attach the 4.5mm/5.7mm Locking Screw Guide with the 2.0mm K-wire Locking Guide Insert to any of the distal holes. Insert a 2.0mm x 228mm Guide Pin through the K-wire Locking Guide Insert. A K-wire parallel to the joint indicates the distal segment is in 5 degrees of valgus relative to the shaft portion of the plate. If needed, loosen the Provisional Fixation Pin, remove the guide pin and adjust reduction of the distal fragment relative to the plate until correct positioning and reduction is achieved.

The alignment of the proximal fragment is then titrated relative to the plate using non-locked screws and/or by using the EVOS® Push Screw until a satisfactory overall fracture alignment is achieved. Initially, the plate is secured proximally with a non-locked screw through the slot in the proximal portion of the plate, after confirming the plate is centered on bone with a lateral fluoroscopic view. On the lateral view, the entirety of the plate should be over bone allowing for bicortical fixation. The slot in the longer plates allows fine adjustment of length without loosing provisional plate fixation to bone. Final varus/valgus alignment is adjusted at the distal aspect of the proximal fragment by either drawing this portion of bone toward the plate with non-locking or high torque screws, or by pushing this portion of the bone away from the plate with the EVOS Push Screw.

Once reduction and plate position are confirmed to be satisfactory, the plate is definitively fixed with screws to the proximal and distal fragments. If there is any mismatch in contour between plate and bone, locked screws are used in these areas so that the reduction is not disturbed.





4.5mm Proximal Femur Plate

Plate selection

The EVOS® 4.5mm Proximal Femur Plate can be utilized for fractures of the proximal femur including per-trochanteric and subtrochanteric fractures. Additionally, the plate can be used for malunions or nonunions of the proximal femur. Plate selection should be based on the fracture anatomy, goals of fixation, ability to obtain the necessary reduction and stabilization of the fracture. Plate length should be based on principles of well-balanced and stable fixation.

Plate positioning

Position the EVOS 4.5mm Proximal Femur Plate against the lateral aspect of the greater trochanter. Extending distally, the plate should be centered along the lateral cortex of the femoral shaft. A drill guide can also be used as a handle to aid in positioning the plate.

Plate position should be optimized proximally to allow for greatest screw concentration with particular focus on the Alpha screw along the femoral neck calcar on AP view and centered in head on lateral view.

The plate can be provisionally held in position by placing wires through the wire holes proximally and distally in the plate allowing for confirmation of plate height and plate positioning. To confirm the position of the proximal screws in the femoral head and neck, thread a Drill Guide into the designated Alpha hole on the plate. A wire or drill can be placed through the “Alpha” Hole along the medial calcar and in the center of the femoral head on the lateral view. Plate height and position may need to be adjusted to position of the Alpha hole in the optimal location to provide medial calcar support. Care should be taken to also assess femoral neck version in terms of screw trajectory and directionality. The Alpha hole serves as the designated point of reference for correct plate position within the proximal fragment and initial guide pin insertion.

4.5mm Proximal Femur Plate *continued*

Once the desired location of the plate is achieved, the plate can be compressed to the bone using reduction clamps, provision fixation pins, or cortex screws. Fixation of the fracture can occur through the use of a combination of non-locking, locking, variable angle, and high torque screws.

Note: Patient anatomy may not allow for all screws in the proximal end of the plate being able to be positioned across the femoral neck.

4.5mm Proximal Tibia Plate

Plate selection

The EVOS° 4.5 mm Proximal Tibial Plate can be utilized for proximal tibial fractures with or without extension into the tibial shaft, including periprosthetic fractures. Following fracture reduction, select the 4.5mm Proximal Tibia Locking Plate length that best accommodates patient anatomy and fracture pattern. In general, a longer plate allows for better mechanical advantage over a shorter plate. An allowance for five screw holes below the most distal aspect of the fracture is recommended when selecting a plate length.

Plate positioning

The technique for application of the plate to the proximal tibia depends on whether the reduction has been accomplished prior to plate placement or if the plate is being used to assist with the reduction of the fracture.

In cases in which the fracture has been reduced, the provided instrumentation allows the plate to be handled and placed in the appropriate position utilizing a number of different techniques. These include a “free hand” technique, using the Targeter (see EVOS LARGE and PERIPROSTHETIC Targeter Technique), or threaded sleeves as joysticks to manipulate the position of the plate. Once the anterior compartment musculature has been elevated off the tibia the plate can be inserted from a proximal to distal direction on the lateral aspect of the tibia. In many cases the distal extent of the plate is placed percutaneously without direct visualization. Care should be taken to avoid posterior or anterior placement of the plate using fluoroscopic imaging. The proximal extent of the plate is positioned on the lateral plateau. Anterior malposition of the proximal aspect of the plate can occur if soft tissue dissection is not performed to the point of being able to palpate the fibular head. The plate should be adjusted both in the coronal and sagittal plan by direct manipulation until the best fit position is obtained. At that point provisional fixation pins and/or K-wire can be placed through the plate to provisionally hold the plate to bone. The tibial crest should be palpated at

4.5mm Proximal Tibia Plate *continued*

the distal extent of the plate to verify that the plate is not prominent anteriorly. Alternatively, a small incision can be made distally to directly visualize plate position.

In cases of plate assisted reduction, the proximal aspect of the plate should be placed in the best fit position of the lateral plateau. Provisional Fixation Pins and/or screws can be placed in the proximal fragment through the plate. The distal aspect of the fracture can be manipulated using percutaneous placed clamps or reduction aides until the shaft of the tibia is lined up with the proximal segment. Once that is done non-locking screws can be used to titrate coronal displacement and position. Alternatively, the surgeon can utilize locking screws if alignment is noted to be satisfactory.

In cases of proximal tibia periprosthetic fractures the implant should again be placed in the best fit position for the plate. Variable angle in the proximal row of the plate allow for screw placement around space occupying implants.

3.5mm/4.5mm Periprosthetic Distal Femur Plate

Plate selection

Select the Periprosthetic Distal Femur Plate that best accommodates patient anatomy and fracture pattern. A longer plate allows for better mechanical advantage over a shorter plate with at least eight holes proximal to the most proximal extent of the fracture. However, a longer working length allows for greater force distribution and fatigue life of the implant. Spanning the entire femur with fixation across the femoral neck is encouraged for prophylactic stabilization of the proximal femur and femoral neck. If a hip arthroplasty is present then stopping fixation either at least 2 cortical widths below the stem or overlapping the implant (preferred) is appropriate.

Note: Please refer to the EVOS® Cabling Surgical Technique (71081177) if cables are desired

Plate positioning

The technique for application of the plate to the lateral femur depends on whether the reduction has been accomplished independent of plate application or if the plate will be used as a reduction tool.

In cases where the reduction has been accomplished prior to plate application, position the plate by matching the contour of the plate to the distal and proximal portions of the lateral femur. 3.5mm Provisional Fixation Pins can be used in the proximal and distal fragments to provisionally hold plate position. Confirmation that the entire plate is on bone is done prior to definitive fixation.

To confirm alignment in the coronal plane (ie varus/valgus), attach the 4.5mm/5.7mm Locking Screw Guide with the 2.0mm K-wire Locking Guide Insert to any of the fixed angle distal holes. Insert a 2.0mm Guide Pin through the K-wire Locking Guide Insert. A K-wire parallel to the joint indicates the distal segment is in 7 degrees of valgus relative to the shaft portion of the plate. If needed, loosen the Provisional Fixation Pin and adjust plate placement until correct positioning is achieved.

3.5mm/4.5mm Periprosthetic Distal Femur Plate *continued*

Once reduction and plate position are confirmed to be satisfactory, the plate is definitively fixed with screws to the proximal and distal fragments. If there is any mismatch in contour between plate and bone, locked screws may be used in these areas so that the reduction is not disturbed. The plate has an additional posterior and anterior variable angle locking holes in the distal cluster that can aid in fixation around nails or knee replacements. Proximally the plate has 3.5mm variable angle locking holes to pass 3.5mm cortical or locking screws anteriorly or posteriorly around implants These can all be used with an open, percutaneous, or Targeter technique.

In cases where the plate is used as a reduction aid, position the plate by matching the contour of the plate to the distal portion of the lateral femur. 3.5mm Provisional Fixation Pins or screws can be used in distal fragments to provisionally hold plate position. To confirm alignment of the plate relative to the distal fragment in the coronal plane (ie varus/valgus), attach the 4.5mm/5.7mm Locking Screw Guide with the 2.0mm K-wire Locking Guide Insert to any of the distal fixed angle locking holes. Insert a 2.0mm Guide Pin through the K-wire Locking Guide Insert. A K-wire parallel to the joint indicates the distal segment is in 7 degrees of valgus relative to the shaft portion of the plate. If needed, loosen the Provisional Fixation Pin and adjust reduction of the distal fragment relative to the plate until correct positioning and reduction is achieved. The alignment of the proximal fragment is then titrated relative to the plate using clamps, provisional fixation pins or unlocked screws until a satisfactory overall fracture alignment is achieved. Initially, the plate is provisionally secured proximally with a Provisional Fixation Pin through a 4.5mm hole in the proximal portion of the plate, after confirming the plate is centered on bone with a lateral fluoroscopic view. The entirety of the plate should be over bone allowing for bicortical fixation. Varus/valgus alignment is adjusted at the distal aspect of the proximal fragment by either drawing this portion of bone toward the plate with non-locking screws, or by pushing this portion of the bone away from the plate with the EVOS® Push Screw. Once reduction and plate position are confirmed to be satisfactory, the plate is definitively fixed with screws to the proximal and distal fragments. If there is

any mismatch in contour between plate and bone, locked screws may be used in these areas so that the reduction is not disturbed.

Once reduction and plate position are confirmed to be satisfactory, the plate is definitively fixed with screws to the proximal and distal fragments. If there is any mismatch in contour between plate and bone, locked screws are used in these areas so that the reduction is not disturbed.

Note: Peripheral screw placement is considered when the central screw holes are obstructed by an intramedullary implant. Of note, bone cement may be considered for fixation after appropriate predrilling.

3.5mm/4.5mm Periprosthetic Proximal Femur Plate

Plate selection

The Periprosthetic Proximal Femur Plate is designed to allow fixation around the proximal portion of the hip stem with 3.5mm peripheral screw holes in the proximal 2/3 of the plate. The proximal extent of the plate permits substantial fixation with smaller multidirectional screws allowing the surgeon to pass many small screws around the larger proximal portion of the hip stem. The majority of the plate has a combination of peripheral small screws and centrally located standard large fragment screw holes. This provides for out of plane screws to be placed around the majority of the stem and standard large screws to be used for additional fixation distally to the implant.

The plate is tapered at its distal region to allow for easier countouring and to allow for spanning the entire femur. The length of plate should allow for the entire hip stem, the fracture site, and the region just inferior to the fracture to be spanned by the thicker portion of the plate. When spanning the entire femur, the thinner distal region allows contouring to the distal metaphyseal flare with large fragment fixation into the medial condyle.

Note: Please refer to the EVOS® Cabling Surgical Technique (71081177) if cables are desired.

Plate positioning

The plate is centered along the mid axial line of the femoral shaft. This gives the proximal peripheral screw options the ability to be directed anteriorly and/or posteriorly around the larger proximal portions of the existing hip stem or nail. Fluoroscopy may be utilized to identify how small shifts in anterior or posterior positioning will affect the ability to place the 3.5mm screws in front of or in back of the implant. Distally, the plate must be as centered as possible on the femur, but slight anterior or posterior translation can be accounted for by using the screws that are closest to the center of the femur.

Temporary positioning of the plate is accomplished using K–wires, plate reduction clamps or provisional fixation pins. Definitive fixation with screws is best accomplished under fluoroscopy to help achieve the optimal trajectory around the stem.

3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate

Plate selection

The Trochanteric Ring Plate is designed to provide optimum fixation for trochanteric fractures either in isolation or in combination with periprosthetic proximal femur fractures. The plate options include large and small trochanteric rings to be chosen based on trochanteric size, and multiple lengths to allow adequate distal fixation for all fracture patterns, including those around a stable femoral implant. The longest versions of these plates will allow spanning the entire femur.

Trochanteric anatomy is variable. Points of adequate fixation are often limited in trochanteric fractures and periprosthetic proximal femur fractures. The locking screw arrangement in the ring allows multiple variable angle and fixed angled options to obtain optimum purchase in the limited and often osteopenic trochanteric bone. The locking nature of the plate removes the need for a perfectly contoured plate, which can be very difficult to obtain given variable trochanteric dimensions and the thick overlying soft tissues.

Distal extension in periprosthetic fractures is addressed with the longer plates. The peripheral 3.5mm variable axis locking screw options allowing for fixation around a fixed femoral prosthesis while potentially minimizing the need for cerclage cables

Note: Please refer to the EVOS® Cabling Surgical Technique (71081177) if cables are desired.

Plate positioning

Plate is positioned to optimize both fit and fixation options. This requires consideration of position both proximal/distal and anterior/posterior. Plate

3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate *continued*

is designed to be placed on top of the trochanteric soft tissues, including the medius/minimus tendon. The flare at the junction of the ring and the shaft plate should be placed as near as possible to the lateralis ridge while considering ring fit on trochanter. Fluoroscopy should guide placement with consideration of allowing screw options anterior, superior and posterior in the trochanteric ring. Care in assuring distal aspect of the plate is centered on bone should be considered throughout. K-wire fixation will help secure position distally while adjustments are made proximally. In periprosthetic fractures, centering the plate over the implant to maximize opportunity for fixation in front and back of the implant using the peripheral 3.5mm variable angle locking screws is important. Again, fluoroscopy is critical to making the small adjustments required to maximize fixation options.

Plate placement in these fracture patterns is a critical part of successful treatment. Taking extra care frequently rechecking with fluoroscopy, and being willing to adjust to maximize fixation options will allow the surgeon to make best use of the options built into this plate.

3.5mm/4.5mm Periprosthetic Trochanteric Hook Plate

Plate selection

The 3.5mm/4.5mm EVOS® PERIPROSTHETIC Trochanteric Hook Plate is designed to optimize fixation with multiple screw options in anterior and posterior trochanter while offering traditional hook fixation in the proximal trochanter. Multiple lengths available for isolated trochanteric fractures and those associated with more distal femur fractures. The hole pattern in plate distal to trochanter allows screw fixation around femoral implants in periprosthetic applications, minimizing the need for cabling. Select the appropriate plate length for the fracture type.

Note: Plate will allow cable fixation with use of cable saddles and cable post that can be placed in the plates screw holes, maximizing possibilities for optimum cable locations

Please refer to the EVOS Cabling Surgical Technique (71081177) if cables are desired.

Plate positioning

Plate has anatomic contour to account for trochanteric flare at the lateralis ridge. Plate is designed to be placed over the soft tissues on the greater trochanter and under the vastus lateralis distally. Plate is positioned over the greater trochanter and along the femoral shaft distally using the impactor handle. Hook points are placed through the medius tendon and impacted into proximal trochanter, taking care to maintain alignment with both the trochanteric fragment and the femoral shaft. Once impacted, screws are placed along anterior and posterior trochanter as indicated to optimize fixation, and distally in femoral shaft, using peripheral holes here to place screws around existing femoral implants

Note: While best applied to a reduced fracture, plate can be applied to unreduced trochanteric fractures, obtaining fixation in the trochanter fragment and using the plate to reduce this complex to the femoral shaft.

4.5mm Distal Femur Plate

Assemble

Assemble the 4.5mm Distal Femur plate to the Lateral Distal Femur Targeter Handle (71177704 left or 71177705 right) by inserting the Large Targeter Locking Post(s) (71177720) into the hole of the Targeter Handle indicated by a solid white circle. For additional stability a second Locking Post may be inserted into the most distal hole in the Targeter Handle. Attach the Targeter Handle to the radiolucent Lateral Distal Femur Targeter (71177706 left or 71177707 right). Check the plate alignment by inserting a Targeter Screw Guide (71177729) through the Targeter, targeting the most proximal 4.5mm threaded hole of the 4.5mm Distal Femur Plate. Insert a Targeter 3.7mm Locking Guide (71177734) through the Targeter Screw Guide and screw the threaded end into the plate. Ensure that all the connections are secured and aligned. Remove the Targeter 3.7mm Locking Guide and 4.5mm Screw Guide and proceed with 4plate insertion.

Insert

Insert the 4.5mm Distal Femur plate submuscular keeping the proximal end of the plate against the femur during insertion. Use fluoroscopy or direct visualization to confirm plate position on the femoral shaft.

Position

Position the 4.5mm Distal Femur plate by matching the contour of the plate to the distal portion of the lateral femur. Insert a Targeter 3.7mm Locking Guide into one of the distal holes of the Targeter Handle. Tighten the Targeter 3.7mm Locking Guide to the plate. Provisional fixation of the assembly to the bone may be achieved with a Targeter 3.5mm Provisional Fixation Pin or Targeter 3.5mm Provisional Compression Pin placed through a Targeter 3.7mm Locking Guide or with a Targeter 2.0mm x 350mm K-wire through a Targeter 2.0mm Locking Guide (71177742).

Provisional Fixation

Obtain sagittal alignment of fracture and confirm with a lateral fluoroscopic image. To access the most proximal hole that aligns with the selected plate, insert the Targeter Scalpel Handle (71177721) through the selected proximal hole in the Targeter. Use the Targeter Scalpel Handle (71177721) to make an incision. Insert a Targeter 4.5mm Screw Guide with a Targeter 4.5mm Trocar (71177722) through the small stab incision until the Targeter 4.5mm Screw Guide reaches the plate and threads into the Targeter. Remove the Targeter 4.5mm Trocar and insert a Targeter 3.7mm Locking Guide, threading it into the plate. Center the plate on the lateral aspect of the femur and provisionally fix the proximal portion of the plate.

If further reduction is required, repeat the previous steps. Obtain confirmation of fracture alignment and implant position prior to final fixation.

Note: For locating the slot in the 4.5mm Distal Femur Plate, the Large Targeter Distal Femur Slot Targeter Guide (71177672) may be used in conjunction with the Lateral Distal Femur Targeter. Prior to the alignment of the most proximal hole, slide the Targeter Slot Guide over the proximal end of the Targeter. Align the Targeter Slot Guide to the selected plate length indicated on the side of the Targeter through the window of the Slot Targeter Guide. Insert a Screw Guide through the Targeter Slot Guide to secure the Targeter Slot Guide to the Targeter.

4.5mm Proximal Femur Plate

Assemble

Assemble the selected Proximal Femur Plate to the Proximal Femur Targeter Handle (71177714 Left or 71177715 Right) by inserting the large Targeter 3.7mm Locking Guide (71177734). For additional stability a Locking Post (71177720) can be inserted into the most distal hole in the Targeter Handle. Attach the Targeter Handle to the radiolucent Proximal Femur Targeter (71177702 Left or 71177703 right). Check the plate alignment by inserting a Targeter Screw Guide (71177729) through the Targeter, targeting the most distal 4.5mm threaded hole of the plate. Insert a Targeter 3.7mm Locking Guide and Targeter Screw Guide such that it threads into the plate. Ensure that all the connections are secured and aligned. Then remove this most distal Targeter 3.7mm Guide and Targeter Screw Guide and proceed with plate insertion.

Note: The Proximal Femur Targeter Adaptor may be used to facilitate screw insertion of the Alpha and Beta screw holes. Attach the Proximal Femur Targeter Adaptor (71177675 left or 71177676 right) to the Proximal Femur Targeter by sliding the adaptor through the slot on the posterior side of the Targeter and threading the adaptor screw into the Targeter.

Insert

Insert the 4.5mm Proximal Femur plate between the muscle and the periosteum keeping the distal end of the plate against the femur during insertion. Use fluoroscopy or direct visualization to confirm plate position on the femoral shaft.

Position

Position the 4.5mm Proximal Femur plate by matching the contour of the plate to the distal portion of the lateral femur. Insert a Targeter 3.7mm Locking Guide into one of the Proximal holes of the Targeter Handle. Tighten the Targeter 3.7mm Locking Guide to the plate. Provisional fixation of the assembly to the bone may be achieved with a Targeter 3.5mm Provisional Fixation Pin or Targeter 3.5mm Provisional Compression Pin placed through a Targeter 3.7mm Locking Guide or with a Targeter 2.0mm x 350mm K-wire through a Targeter 2.0mm Locking Guide (71177742).

Provisional Fixation

Obtain sagittal alignment of fracture and confirm with a lateral fluoroscopic image. To access the most distal hole that aligns with the selected plate, insert the Targeter Scalpel Handle (71177721) through the selected distal hole in the Targeter. Use the Targeter Scalpel Handle to make an incision. Insert a Targeter Screw Guide with a Targeter 4.5mm Trocar (71177722) through the small stab incision until the Targeter 4.5mm Screw Guide reaches the plate and threads into the Targeter. Remove the Targeter 4.5mm Trocar and insert a Targeter 3.7mm Locking Guide, threading it into the plate. Center the plate on the lateral aspect of the femur and provisionally fix the distal portion of the plate.

If further reduction is required, repeat the previous steps. Obtain confirmation of fracture alignment and implant position prior to final fixation.

4.5mm Lateral Proximal Tibia Plate

Assemble

Assemble the 4.5mm Lateral Proximal Tibia Plate to the Lateral Proximal Tibia Targeter Handle (71177708 left or 71177709 right) using EVOS Large Targeter Locking Post(s) (71177720). Attach the Targeter Handle to the radiolucent Lateral Proximal Tibia Targeter (71177710 left or 71177711 right). Check the plate alignment by inserting a Targeter Screw Guide (71177729) through the Targeter, targeting the most distal 4.5mm threaded hole of the 4.5mm Lateral Proximal Tibia Plate. Insert a Targeter 3.7mm Locking Guide (71177734) through the Targeter Screw Guide and screw threaded end into the plate. Remove the Targeter 3.7mm Locking Guide and Targeter Screw Guide and proceed with plate insertion.

Position

Position the 4.5mm Lateral Proximal Tibia Plate by matching the contour of the plate to the proximal portion of the lateral Tibia. Insert a Targeter Screw Guide with a Targeter 3.7mm Locking Guide into one of the distal holes. Tighten the Screw Guide to the Targeter and the 3.7mm Drill Guide to the 4.5mm Lateral Proximal Tibia Plate. Provisional fixation of the assembly to the bone may be achieved with a Targeter 3.5mm Provisional Fixation Pin or Targeter 3.5mm Provisional Compression Pin placed through a 3.7mm Locking Drill Guide or a 2.0mm x 350mm K-wire through a Targeter 2.0mm Locking Guide (71177742).

Insert

Insert the 4.5mm Lateral Proximal Tibia Plate between the muscle and the periosteum keeping the proximal end of the plate against the femur during insertion. Use fluoroscopy or direct visualization to confirm position on the Tibia shaft.

Provisional Fixation

Obtain sagittal alignment of fracture and confirm with a lateral fluoroscopic image. To access the most distal hole, insert the Targeter Scalpel (71177721) through the selected distal hole in the Targeter. Use the Targeter Scalpel Handle to make an incision. Insert a Targeter Screw Guide with a Targeter 4.5mm Trocar (71177722) through a small stab incision until the Screw Guide reaches the plate and locks into the Targeter. Remove the Trocar and insert a 3.7mm Drill Guide, threading it into the plate 4.5mm Lateral Proximal Tibia Plate. Center the plate on the lateral aspect of the Tibia and provisionally fix the distal portion of the plate.

If further reduction is required, repeat the previous steps. Obtain confirmation of fracture alignment and implant position prior to final fixation.

To insert parallel screws below the articulating surface of the joint, insert the Lateral Proximal Tibia Rafting Screw Guide (71177674) into the Lateral Proximal Tibia Targeter. Insert a Screw Guide directly into the Proximal Tibia Rafting Screw Guide. Insert the 3.7mm Targeter Variable Angle Drill Guide (71177739) into the Screw Guide.

Note: For 4.5mm variable angle holes the 3.7mm Variable Angle Drill Guide (71175632) should be used if one intends to place the screw off-axis through the plate. The 3.7mm Variable Angle Drill Guide is found in the EVOS® LARGE Instrument Tray.

3.5mm/4.5mm Periprosthetic Distal Femur Plate

Assemble

Assemble the 3.5mm/4.5mm Periprosthetic Distal Femur plate to the Periprosthetic Distal Femur Targeter Handle (71177712 left or 71177713 right) by inserting the Large Targeter Locking Post(s) (71177720) in the hole of the Targeter Handle indicated by the solid white circle. For additional stability a second Locking Post can be inserted into the most distal hole in the Targeter Handle. Attach the Targeter Handle to the radiolucent Lateral Distal Femur Targeter (71177706 left or 71177707 right). Check the plate alignment by inserting a Targeter 4.5mm Screw Guide (71177729) through the Targeter, targeting the most proximal 4.5mm threaded hole of the 3.5mm/4.5mm Periprosthetic Distal Femur plate. Insert a Targeter 3.7mm Locking Guide (71177734) through the Targeter 4.5mm Screw Guide and screw threaded end into the plate. Ensure that all the connections are secured and aligned. Remove the proximal Targeter 3.7mm Locking Guide and 4.5mm Screw Guide and proceed with plate insertion.

Insert

Insert the 3.5mm/4.5mm Periprosthetic Distal Femur plate submuscular keeping the proximal end of the plate against the femur during insertion. Use fluoroscopy or direct visualization to confirm plate position on the femoral shaft.

Position

Position the 3.5mm/4.5mm Periprosthetic Distal Femur plate by matching the contour of the plate to the distal portion of the lateral femur. Insert a Targeter 3.7mm Locking Guide into one of the distal holes of the Targeter Handle. Tighten the Targeter 3.7mm Locking Guide to the plate. Provisional fixation of the assembly to the bone may be achieved with a Targeter 3.5mm Provisional Fixation Pin or Targeter 3.5mm Provisional Compression Pin placed through a Targeter 3.7mm Locking Guide or with a Targeter 2.0mm x 350mm K-wire through a Targeter 2.0mm Locking Guide (71177742). Additionally, 2.5mm Provisional Fixation pin(s) may be inserted through the 3.5mm variable angle holes.

Provisional Fixation

Obtain sagittal alignment of fracture and confirm with a lateral fluoroscopic image. To access the most proximal hole that aligns with the selected plate, insert the Targeter Scalpel Handle (71177721) through the selected proximal hole in the Targeter. Use the Targeter Scalpel Handle to make an incision. Insert a Targeter 4.5mm Screw Guide with a Targeter 4.5mm Trocar (71177722) through the small stab incision until the Targeter 4.5mm Screw Guide reaches the plate and threads into the Targeter. Remove the Targeter 4.5mm Trocar and insert a Targeter 3.7mm Locking Guide, threading it into the plate. Center the plate on the lateral aspect of the femur and provisionally fix the proximal portion of the plate.

If further reduction is required, repeat the previous steps. Obtain confirmation of fracture alignment and implant position prior to final fixation.

Note: 3.5mm Peripheral holes can be targeted percutaneously through the Targeter.

3.5mm/4.5mm Periprosthetic Proximal Femur Plate

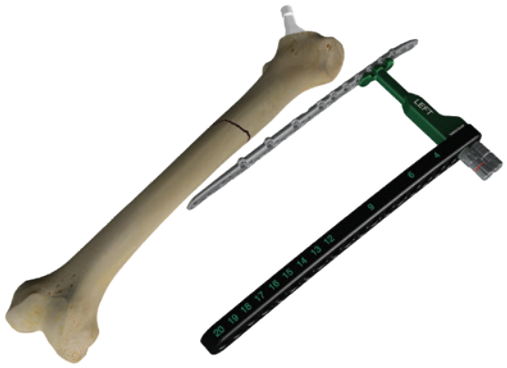
Assemble

Assemble the 3.5mm/4.5mm Periprosthetic Proximal Femur Plate to the Targeter Handle (71177714 Left or 71177715 Right) using Large 3.7mm Targeter Locking Guide (71177734). For additional stability a Targeter Locking Post (71177720) can be inserted into the most distal hole of the Targeter Handle. Attach the Targeter Handle to the radiolucent Proximal Femur Targeter (71177702 Left or 71177703 Right). Check the plate alignment by inserting a Screw Guide (71177729) through the Targeter, targeting the most distal 4.5mm threaded hole of the plate. Insert a 3.7mm Locking Guide through a Targeter Screw Guide such that it threads into the plate. Remove this Targeter 3.7mm Locking Guide and Targeter Screw Guide and proceed with plate insertion.

Note: For locating the last peripheral hole in these plates, the Targeter Blocking Screw Guide (71177673) may be used in conjunction with the Proximal Femur Targeter. Prior to alignment of the most distal hole, slide the Targeter Blocking Screw Guide over the Targeter. Align the Targeter Blocking Screw Guide to the selected plate length indicated on the side of the Targeter. Insert a Screw Guide through the Targeter Slot Guide to secure the Slot Guide to the Targeter.

Insert

Insert the plate between the muscle and the periosteum keeping the distal end of the plate against the femur during insertion. Use Fluoroscopy or direct visualization to confirm plate position on the femoral shaft



Provisional Fixation

Provisional fixation of the assembly to the bone may be achieved with a Targeter 3.5mm Provisional Fixation Pin or 3.5mm Provisional Compression Pin placed through a Targerter 3.7mm Locking Guide or a Targeter 2.0mm x 350mm K-wire through a 2.0mm Locking Guide (71177742). Additionally, 2.5mm Provisional Fixation pin(s) may be inserted through the 3.5mm variable angle holes.

To access the most distal hole that aligns with the selected plate, insert the Targeter Scalpel Handle (71177721) through the selected distal hole in the Targeter. Use the Targeter Scalpel Handle to make an incision. Insert a Targeter Screw Guide with a Targeter 4.5mm Trocar (71177742) through the small stab incision until the Screw Guide reaches the plate and locks into the Targeter. Remove the Trocar and insert a Targeter 3.7mm Locking Guide, threading it into the plate. Center the plate on the lateral aspect of the femur and provisionally fix the distal portion of the plate.

If further reduction is required, repeat the previous steps. Obtain final confirmation of fracture alignment and implant position.

Note: 3.5mm Peripheral holes can be targeted percutaneously through the Proximal Femur Targeter. For targeting 3.5mm peripheral holes, the Peripheral Hole Guides should be used. Insert the white Proximal Femur Periprostheitc Peripheral Hole Guide into the Targeter to insert a 3.5mm Screw Guide into a Targeter hole indicated by a white semi-circle outline. Insert the black Periprosthetic Peripheral Hole Guide in the Targeter to insert a 3.5mm Screw Guide in any other Targeter hole not indicated with a white semi-circle outline.

3.5mm/4.5mm Periprosthetic Trochanteric Hook Plate

Assemble

Assemble the 3.5mm/4.5mm Periprosthetic Trochanteric Hook Plate to the Targeter Handle (71177714 Left or 71177715 Right) using Large 3.7mm Targeter Locking Guide (711707734). For additional stability a Targeter Locking Post (71177720) can be inserted into the most distal hole of the Targeter Handle. Attach the Targeter Handle to the radiolucent Proximal Femur Targeter (71177702 Left or 71177703 Right). Check the plate alignment by inserting a Screw Guide (71177729) through the Targeter, targeting the most distal 4.5mm threaded hole of the plate. Insert a 3.7mm Locking Guide through a Targeter Screw Guide such that it threads into the plate. Remove the Targeter 3.7mm Locking Guide and Targeter Screw Guide and proceed with plate insertion.

Note: For locating the last peripheral hole in these plates, the Targeter Blocking Screw Guide (71177673) may be used in conjunction with the Proximal Femur Targeter. Prior to alignment of the most distal hole, slide the Targeter Blocking Screw Guide over the Targeter. Align the Targeter Blocking Screw Guide to the selected plate length indicated on the side of the Targeter. Insert a Screw Guide through the Targeter Slot Guide to secure the Slot Guide to the Targeter.

Insert

Insert the plate between the muscle and the periosteum keeping the distal end of the plate against the femur during insertion. Use Fluoroscopy or direct visualization to confirm plate position on the femoral shaft.

Provisional Fixation

Provisional fixation of the assembly to the bone may be achieved with a Targeter 3.5mm Provisional Fixation Pin or 3.5mm Provisional Compression Pin placed through a Targerter 3.7mm Locking Guide or a Targeter 2.0mm x 350mm K-wire through a 2.0mm Locking Guide (71177742). Additionally, 2.5mm Provisional Fixation pin(s) may be inserted through the 3.5mm variable angle holes.

To access the most distal hole that aligns with the selected plate, insert the Targeter Scalpel Handle (71177721) through the selected distal hole in the Targeter. Use the Targeter Scalpel Handle to make an incision. Insert a Targeter Screw Guide with a Targeter 4.5mm Trocar (71177722) through the small stab incision until the Screw Guide reaches the plate and locks into the Targeter. Remove the Trocar and insert a Targeter 3.7mm Locking Guide, threading it into the plate. Center the plate on the lateral aspect of the femur and provisionally fix the distal portion of the plate.

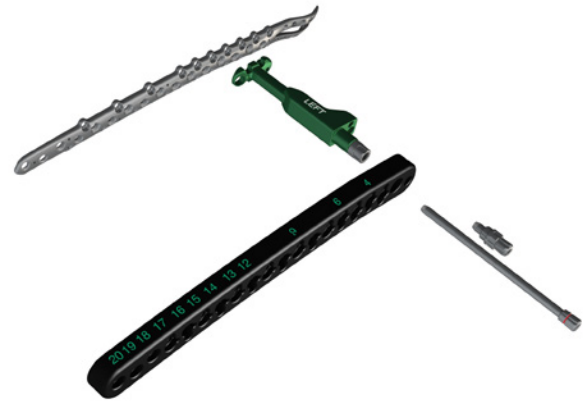
If further reduction is required, repeat the previous steps. Obtain final confirmation of fracture alignment and implant position.

Note: 3.5mm Peripheral holes can be targeted percutaneously through the Targeter.

3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate

Assemble

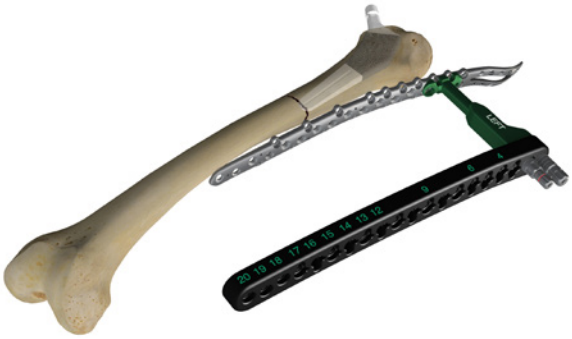
Assemble the 3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate to the Targeter Handle (71177714 Left or 71177715 Right) using Large 3.7mm Targeter Locking Guide (71170-7734). For additional stability a Targeter Locking Post (71177720) can be inserted into the most distal hole of the Targeter Handle. Attach the Targeter Handle to the radiolucent Proximal Femur Targeter (71177702 Left or 71177703 Right). Check the plate alignment by inserting a Screw Guide (71177729) through the Proximal Femur Targeter, targeting the most distal 4.5mm threaded hole of the plate. Insert a 3.7mm Locking Guide through a Targeter Screw Guide such that it threads into the plate. Remove this Targeter 3.7mm Locking Guide and Targeter Screw Guide and proceed with plate insertion.



Note: For locating the last peripheral hole in these plates, the EVOS® LARGE Targeter Blocking Screw Guide (71177673) may be used in conjunction with the Proximal Femur Targeter. Prior to alignment of the most distal hole, slide the Targeter Blocking Screw Guide over the Targeter. Align the Targeter Blocking Screw Guide to the selected plate length indicated on the side of the Targeter. Insert a Screw Guide through the Targeter Slot Guide to secure the Slot Guide to the Targeter.

Insert

Insert the plate between the muscle and the periosteum keeping the distal end of the plate against the femur during insertion. Use Fluoroscopy or direct visualization to confirm plate position on the femoral shaft.



Provisional Fixation

Provisional fixation of the assembly to the bone may be achieved with a Targeter 3.5mm Provisional Fixation Pin or 3.5mm Provisional Compression Pin placed through a Targerter 3.7mm Locking Guide or a Targeter 2.0mm x 350mm K-wire through a 2.0mm Locking Guide (71177742). Additionally, 2.5mm Provisional Fixation pin(s) may be inserted through the 3.5mm variable angle holes.

To access the most distal hole that aligns with the selected plate, insert the Targeter Scalpel Handle (71177721) through the selected distal hole in the Targeter. Use the Targeter Scalpel Handle to make an incision. Insert a Targeter Screw Guide with a Targeter 4.5mm Trocar (71177722) through the small stab incision until the Screw Guide reaches the plate and locks into the Targeter. Remove the Trocar and insert a Targeter 3.7mm Locking Guide, threading it into the plate. Center the plate on the lateral aspect of the femur and provisionally fix the distal portion of the plate.

If further reduction is required, repeat the previous steps. Obtain final confirmation of fracture alignment and implant position.

Note: 3.5mm Peripheral holes can be targeted percutaneously through the Targeter.

Screw Insertion

The choice of screws, and the order and configuration, is a decision to be made by the individual surgeon depending on the patient's circumstances and needs. Smith & Nephew does not recommend any particular screw insertion order or configuration of the various types of screws available in the EVOS® Plating System except in the EVOS 4.5mm Proximal Femur Plate.

Screws for the EVOS Plating System may be used outside the plate to assist with articular reduction or inter-fragmentary compression and through the plate in to fix the plate to bone.

Drill

Insert a Targeter Screw Guide (71177729) with Targeter Large Trocar (71177722) through a small stab incision until the Screw Guide reaches the plate and locks into the Targeter. Remove Large Trocar and insert a Targeter 3.7mm Locking Drill Guide (71177734) and thread into the plate. Drill to the desired depth using a 3.7mm Targeter Drill (71177735).

Measure

Measure for screw length with the Large Targeter Depth Gauge (71177730). Place the Large Targeter Depth Gauge through the Targeter 3.7mm Locking Drill Guide with the Targeter Screw Guide locked into the plate.

Tap (optional)

The 4.5mm screws are self-tapping. However, in areas of dense cortical bone, tapping the bone may be desired prior to screw insertion. Tap by using the 4.5mm Targeter Tap (71177731). This should be performed manually by using the Large Screwdriver Handle W/AO QC. The 4.5mm Targeter Tap can be used through the Large Targeter Screw Guide or Targeter 3.7mm Locking Guide.

Screw Insertion

Remove the Targeter 3.7mm Drill Guide and insert the appropriate length screw by hand using the 3.5mm Hex Driver, Tapered (71175666). Final tightening should be performed with the 3.5mm Hex Driver, Linear (71177733).

Drill

Insert the 3.7mm Targeter Variable Angle Drill Guide (71177739) so that the tip is centered in the locking tabs of the plate. Drill to the desired depth using a 3.7mm Targeter Drill Bit (71177735).

Note: For 4.5mm variable angle holes in the Periprosthetic Distal Femur Plates, the 3.7mm Targeter Variable Angle Drill Guide (71175632) should be used through the Periprosthetic Distal Femur Handle to place the screw off-axis through the plate.

Note: For 4.5mm variable angle holes in the Proximal Tibia Plates, screws can be inserted at the predetermined trajectory by inserting a Targeter Screw Guide (71177729) through the Lateral Proximal Tibia Rafting Screw Guide (71177674).

Measure

Measure for screw length with the EVOS Large Targeter Depth Gauge (71177730).

Tap (optional)

The 4.5mm screws are self-tapping. However, in areas of dense cortical bone, tapping the bone may be desired prior to screw insertion. Tap by using the 4.5mm Targeter Tap. This should be performed manually by using the Large Screwdriver Handle with AO quick connect.

Screw insertion

Remove the drill guide and insert the appropriate length screw by hand using the 3.5mm Tapered Hex Driver (71175666). Final tighten the screw with the 3.5mm Linear Hex Driver (71177733).

Drill

Insert a Targeter Screw Guide (71177729) with Targeter Large Trocar (71177722) through a small stab incision until the Screw Guide reaches the plate and locks into the Targeter. Remove Large Trocar and insert a Targeter 3.7mm Locking Drill Guide (71177734) and thread into the plate. Drill to the desired depth using a 3.7mm Targeter Drill (71177735).

Measure

Measure for screw length with the Large Targeter Depth Gauge (71177730). Place the Large Targeter Depth Gauge through the Targeter 3.7mm Locking Drill Guide with the Targeter Screw Guide locked into the plate.

Screw Insertion

Remove the Targeter 3.7mm Drill Guide and insert the appropriate length screw by hand using the 3.5mm Hex Driver, Tapered (71175666). Final tightening should be performed with the 3.5mm Hex Driver, Linear (71177733).

Drill

Insert a Peripheral Hole Targeter Guide (71177670) into the 4.5mm hole of the Targeter that aligns to the 3.5mm peripheral hole being targeted. Insert a 3.5mm Targeter Screw Guide (71177750) with a 2.5mm Targeter Drill Guide (71177753) and 2.5mm Trocar (71177762) through the hole adjacent to the Peripheral Hole Targeter Guide through a small stab incision until the screw guide reaches the plate. Remove the 2.5mm Trocar and drill to the desired depth using the 2.5mm Drill bit (71177752).

Note: Maintain downward pressure on screw guide throughout this step to make sure the tip of the guide is interacting with the plate.

Measure

Remove the 2.5mm Targeter Drill Guide and measure the screw length with the Targeter Peripheral Depth Gauge (71177694).

Note: the Targeter Peripheral Depth Gauge is calibrated to the back of the Targeter Screw Guide.

Screw insertion

Insert the appropriate length screw using the Targeter 2.5mm Tapered Hex Driver (71175666). Final tightening should be performed with the Targeter 2.5mm Linear Hex Driver (71177733).

Note: Due to patient anatomy and type of prosthesis, targeting 3.5mm peripheral screws percutaneously can be optimized by removing the Peripheral Hole Targeter Guide allowing the angle of the 3.5mm Targeter Screw Guide and 2.5mm Targeter Drill Guide to be adjusted up to 7 degrees off axis within the Targeter.

Note: The EVOS® LARGE Proximal Femur Targeter requires an additional Periprosthetic Proximal Femur Peripheral Hole Targeter Guide (71177671) to target the 3.5mm Peripheral holes indicated with a white semicircle in the proximal portion of the Targeter and Plate.

Guide Wire insertion

Insert a 2.0mm Locking Drill Guide (71177742) through a Targeter Screw Guide (71177729) and thread it into the plate. Insert a 2.0mm x 350mm K-wire (71177719) through the 2.0mm Locking Drill Guide to the desired depth.

Measure

Measure for screw length by using the Cannulated Depth Gauge (71175636) over the 2.0mm x 350mm K-wire.

Drill (optional)

In areas of increased bone density, it may be beneficial to drill prior to screw insertion. This may be done with the 4.7mm Cannulated Drill (71177740) by drilling over the 2.0mm x 350mm K-wire to the desired depth.

Screw Insertion

Insert the appropriate length 5.7mm Cannulated Locking Screw using the Targeter 3.5mm Cannulated Hex Driver (71177744). Remove the 2.0mm x 350mm K-wire and final tighten by hand using the Targeter 3.5mm Linear Hex Driver (71177733).

Guide Wire Insertion

IInsert the Targeter Screw Guide (71177729) with Targeter Trocar (71177722) through a small stab incision until the Screw Guide reaches the plate and locks into the Targeter. Remove Trocar and insert a Targeter 3.2mm Locking Guide (7117 7744) and thread it into the plate. Insert a 3.2mm x 350mm K-wire (71177719) through the Targeter 3.2mm Locking Guide to the desired depth.

Measure

Measure for screw length by using the Cannulated Depth Gauge (71175636) over the 3.2mm x 350mm K-wire.

Drill (optional)

In areas of increased bone density, it may be beneficial to drill prior to screw insertion. This may be done with the Targeter 5.0mm Cannulated Drill (71177745) by drilling over the guide wire to the desired depth.

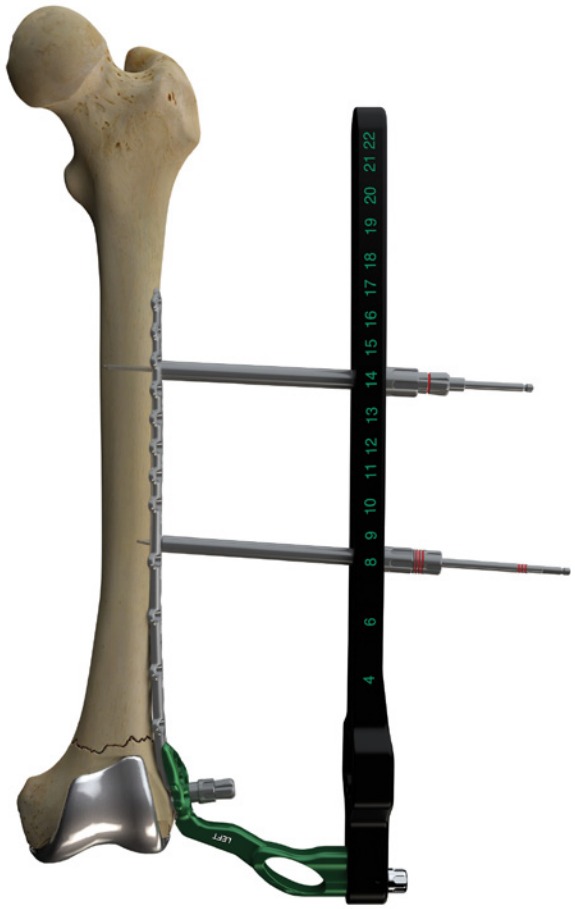
Screw insertion

Insert the appropriate length 6.5mm Cannulated Screw using the Targeter 4.7mm Cannulated Hex Driver (71177746 or 71177665). Remove 3.2mm x 350mm K-wire and final tighten by hand with the 4.7mm Shaft with A/O QC (71175642).

The 4.5mm Locking Screw can be used in Far Cortical Locking Mode to increase the motion of the near cortex.

Far Cortical Locking Mode is only intended for the diaphysis.

If increased motion is desired, only screws in the far cortical locking mode should be used in the diaphyseal fragment.

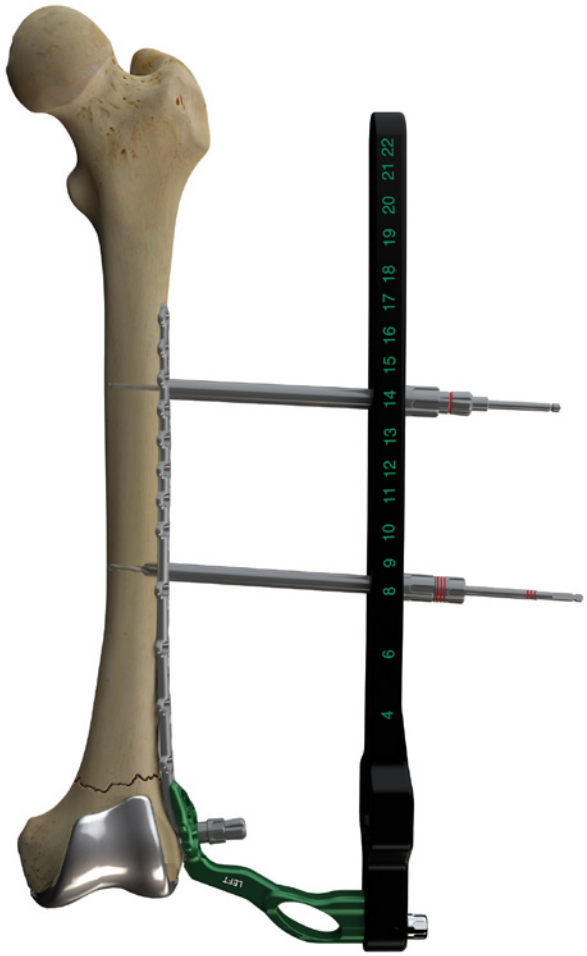


Drill - Near cortex

Thread the 5.5mm Locking Drill Guide (71177748) to the desired 4.5mm diaphyseal hole. Drill the near cortex with the 5.5mm Overdrill (71177765) being careful not to not drill the far cortex.

Drill - Far cortex

Drill the far cortex using the 3.7mm Far Cortical Drill (71177749).



Measure

The 3.7mm Far Cortical Drill is calibrated to read depth off the back of the 5.5mm Locking Guide. Alternatively, remove the 5.5mm locking guide and use the 4.5mm Depth Gauge (71177730) to determine screw length.

Screw Insertion

Insert the appropriate length 4.5mm Locking Screw in the prepared hole using the 3.5mm Hex Driver (71175666). Final Tightening should be performed with the 3.5mm Hex Driver, Linear (71177733).

Obtain final AP and lateral radiographic images to confirm patient implant position and fracture reduction. Wound closure follows standard technique.

Small Fragment Targeter System

The EVOS◇ SMALL Plating System is an expansive system with multiple fixation options including non-locking, locking and variable-angle locking. The system offers low profile constructs by featuring optimized plate contours and screw trajectories

- 316L stainless steel
- Low profile implants[6,7]
- Variable-angle locking technology
- Osteopenia screws
- Increased metaphyseal fixation*,[8]
- Colour coded instruments are designed to be intuitive to use

*Compared to PERI-LOC plates

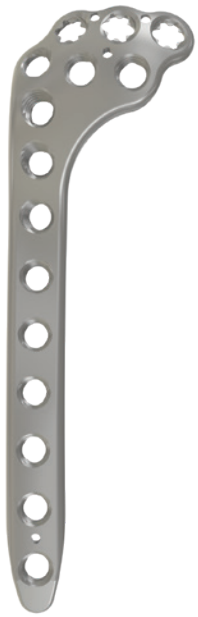
	3.5mm		4.7mm		4.7mm
	Cortex	Locking	Fully Threaded Osteopenia	Partially Threaded Osteopenia	Fully Threaded Locking Osteopenia
					
Thread diameter	3.5mm	3.5mm	4.7mm	4.7mm	4.7mm
Head diameter	5.6mm	5.4mm	5.6mm	5.6mm	5.4mm
Core diameter	2.5mm	2.5mm	2.5mm	2.5mm	2.5mm
Thread pitch	1.25mm	1.25mm	1.75mm	1.75mm	1.25mm
Driver	2.5mm Hex	2.5mm Hex	2.5mm Hex	2.5mm Hex	2.5mm Hex
Screw lengths	6–20mm (1mm Increments) 22–50mm (2mm Increments) 55–150mm* (5mm Increments)	8–20mm (1mm Increments) 22–50mm (2mm Increments) 55–110mm* (5mm Increments)	10–50mm (2mm Increments) 55–110mm* (5mm Increments)	26–50mm (2mm Increments) 55–110mm* (5mm Increments)	10–50mm* (2mm Increments) 55–80mm* (5mm increments)
Thread length	-	-	-	40% of screw length	

*Plates available sterile only

Lateral Proximal Tibia

Standard Plate

Left/right specific	Yes
Profile thickness of head	1.9mm
Width of head	32.3mm
Profile thickness of shaft	3.6mm
Width of shaft	11.5mm
Shaft hole spacing	11mm
Length options	4H 70mm 6H 91mm 8H 113mm 10H 134mm 13H 167mm 16H 200mm 18H 221mm* 20H 243mm* 22H 265mm* 24H 287mm*



Drill Guides	Technique	Variable Angle Holes	Threaded holes	Drill
Targeter 2.5mm Locking Guide 	Neutral Screws placement in threaded holes. - Cortex Screws - Locking Screws - Osteopenia Screws		✓	Targeter 2.5mm Drill (71177019)
Targeter 3.5mm Drill Guide 	Overdrill for lag screws - Cortex Screws		✓	Targeter 3.5mm Overdrill (71177048)
Targeter 2.5mm Variable Angle Drill Guide 	Variable angle screw placement in 4.5mm variable angle holes - Cortex Screws - Locking Screws - Osteopenia Screws	✓		Targeter 2.5mm Drill (71177019)
Targeter 2.0mm Locking Guide 	K-wire placement in threaded holes		✓	K-wire 2.0mm x 255mm (71175600)

*Plates available sterile only

Plate Selection

The EVOS® SMALL Targeter System is compatible with EVOS SMALL 3.5mm Lateral Proximal Tibia Plates that can be used in many applications at the surgeon's discretion. Following fracture reduction, select the plate that best accommodates patient anatomy and fracture pattern. In general, a longer plate allows for better mechanical advantage over a shorter plate.

Plate Modification

Minor plate contouring can be accomplished by using the plate bending irons, EVOS SMALL Plate Bending Pliers, or the plate bending press with anvils.

Note: Plate contouring can affect the functionality of the locking mechanism. Avoid bending or contouring directly over a hole that will eventually be used for a locking screw. If plate contouring is necessary directly over holes, performing multiple smaller bends is less detrimental to the locking features compared to one dramatic bend.

Fracture Reduction

Articular fracture components must be anatomically reduced prior to plate application and screw insertion. Reduction aids should be placed so as not to interfere with final plate placement. Reduce and provisionally secure fragments using K-wires or general reduction forceps provided by the hospital. Additional reduction instruments may be found in the EVOS Advanced Reduction Instrument Set.

K-wires:

- 2.0mm Trocar Tip K-wire, 255mm
- 2.0mm Drill Tip K-wire, 255mm (optional)

The EVOS Targeter Push Screws may also be used to push the plate away from bone in order to obtain appropriate reduction. After positioning the targeter-plate construct per the steps below, attach the locking guide to the plate following appropriate steps. Insert the push screw into the guide and advance until sufficient separation of plate and bone are achieved. Confirm radiographically. Proceed with further and final fixation.

Provisional Fixation

Provisional fixation may be achieved by using any of the offered provisional fixation pins. Reference further steps for appropriate order of use.

Cat. Item	Description
71177020	2.5mm Provisional Fixation Pin, 14mm
71177021	2.5mm Provisional Fixation Pin, 40mm
71177039	2.5mm Provisional Fixation Pin, 60mm

Initial insertion of provisional pins may be started on power, but final seating should be performed by hand to avoid stripping of the threads and loss of purchase.

The provisional compression pins may be left proud of the plate and the compression nuts can then be tightened for provisional compression.

14mm provisional pins are designed for unicortical provisional fixation. The longer length provisional pins are design for bicortical provisional fixation.

The provisional compression nut may be tightened by hand, using the removal tool, or using the small AO quick connect end of 3.5mm driver shaft.

3.5mm Lateral Proximal Tibia Plate

Position the plate, as desired, along the lateral aspect of the proximal tibia. A posterior tilt aligns the proximal rows of screws with the posterior slope of the lateral tibial condyle. Plate coverage extending down the shaft is maximized by a sagittal curve in the plate's proximal segment. A proximal row of scallops facilitates external lag screw placement without compromising plate position.

Plate placement should be adjusted to the best fit position on each individual patient. Fluoroscopy can be utilized to confirm plate position. Provisionally fix the plate to bone using K-wires, reduction clamps and/or provisional fixation pins and proceed with screw insertion as desired.

Fluoroscopy should be utilized to verify screw path placement during drilling of the most proximal cluster of screws in the plate to prevent joint penetration.

Note: The EVOS® SMALL Preoperative Templates are available to assist with preoperative radiographic planning. Please reference catalog information for item number.

Indicated for AO/OTA Fracture Classification Type B fractures

3.5mm Lateral Proximal Tibia

Assemble

Assmeble the 3.5mm Lateral Proximal Tibia Plate to the Lateral Proximal Tibia SMALL Targeter Handle (71177009 left or 71177010 right) using Targeter Locking Post (71177041). Attach the Targeter Handle to the radiolucent Lateral Proximal Tibia Targeter (71177011 left or 71177012 right). Check the plate alignment by inserting a Targeter Screw Guide (71177022) though the Targeter, targeting the most distal 3.5mm threaded hole of the 3.5mm Lateral Proximal Tibia Plate. Insert a Targeter 2.5mm Locking Guide (71177023) through the Targeter Screw Guide and screw the threaded end into the plate. Remove the Targeter 2.5mm Locking Guide and Screw Guide and proceed with plate insertion.

Insert

Insert the 3.5mm Lateral Proximal Tibia Plate under the anterior compartment musculature and avoid elevating the periosteum of the shaft by keeping the distal end of the plate against the Tibia during insertion. Keeping gentle pressure on the tip of the plate, using it much as a soft tissue elevator will allow the plate to be advanced down under the muscle but at the same time avoid stripping the periosteum. Use fluoroscopy or direct visualization to confirm position on the Tibia shaft.

3.5mm Lateral Proximal Tibia *continued*

Position

Position the 3.5mm Lateral Proximal Tibia Plate by matching the contour of the plate to the proximal portion of the lateral Tibia. Insert a Targeter Screw Guide with a Targeter 2.5mm Locking Guide into one of the distal holes. Tighten the Screw Guide to the Targeter and the 2.5mm Drill Guide to the 3.5mm Lateral Proximal Tibia plate. The provisional stability of the targeter construct can be checked prior to insertion, as was described in the 4.5mm Proximal Tibia Targeter Assembly section. Following insertion, the plate can be temporarily locked to bone using a Targeter 2.5mm Provisional Fixation Pin placed through a 2.5mm Locking Drill Guide or a 2.0mm x 255mm K-wire (71175600) through a Targeter 2.0mm Locking Guide (71177006)

Provisional Fixation

Obtain sagittal alignment of fracture and confirm with a lateral fluoroscopic image. To access the most distal hole, insert the Targeter Scalpel Handle (7117 7721) through the selected distal hole in the Targeter. Use the Targeter Scalpel Handle to make an incision. Use a small curved hemostat to spread the skin, subcutaneous tissue and muscle to make trochar insertion easier. Insert a Targeter Screw Guide with a Targeter 3.5mm Trocar (71177007) through the small stab incision until the Screw Guide contacts the plate. Then lock the Screw Guide into the Targeter. Remove the Trocar and insert a 2.5mm Drill Guide, capturing the hole, and then threading it into the 3.5mm Lateral Proximal Tibia Plate. Check again under fluoroscopy to ensure that the center of the plate is located on the lateral aspect of the Tibia and that the Screw Guide is locked in the plate. At this time, provisionally fix the distal portion of the plate to bone.

Insert a Targeter Screw Guide with a Targeter 3.5mm Trocar (71177007) through a small stab incision until the Screw Guide reaches the plate and locks into the Targeter. Remove the Targeter 3.5mm Trocar and insert a 2.5mm Locking Guide, threading it into the 3.5mm Lateral Proximal Tibia Plate. Center the plate on the lateral aspect of the Tibia and provisionally fix the distal portion of the plate.

Note: It is recommended to use a #11 and #13 blade on the Scalpel Handle through a 3.5mm Proximal Tibia Targeter.

If further reduction is required, repeat the previous steps. Obtain confirmation of fracture alignment and implant position prior to final fixation.

Rafting Screw Guide

To insert parallel screws below the articulating surface of the joint, insert the Lateral Proximal Tibia Rafting Screw Guide (71177679 left or 71177680 right) into the 3.5mm Lateral Proximal Tibia Targeter. Insert a Targeter Screw Guide directly into the Proximal Tibia Rafting Screw Guide. Insert the 2.5mm Targeter Variable Angle Drill Guide (71177051) into the Targeter Screw Guide.

Note: For 3.5mm variable angle holes the 2.5mm Variable Angle Drill Guide should be used if one intends to place the screw off-axis through the plate.

Drill

Insert a Targeter Screw Guide (71177022) and Targeter 3.5mm Trocar (71177007) through a small stab incision until the Targeter Screw Guide reaches the plate and locks into the Targeter. Remove the Targeter 3.5mm Trocar and insert a Targeter 2.5mm Locking Guide (71177023) and thread it into the plate. Drill to the desired depth using the Targeter 2.5mm Drill (71177019)

Note: To insert a 3.5mm screw at the predetermined trajectory in the second most proximal row, attach the Small Rafting Screw Guide (71177679 left or 71177680 right) onto the Small Proximal Tibia Targeter then insert a Targeter Screw Guide. Place the Targeter 2.5mm Locking Guide through the Targeter Screw Guide so that the tip screws into the plate. Drill to the desired depth using a Targeter 2.5mm Drill.

Measure

There are two parts to the Small Targeter Depth Gauge (71177043); the Small Targeter 3.5mm Depth Gauge Reference sleeve and the Small Targeter 3.5mm Depth Gauge Ruler. Lock a Targeter Screw Guide into the Targeter and insert the Small Targeter Reference Sleeve. Remove the cap from the Small Targeter 3.5mm Depth Gauge Ruler and insert the Ruler through the Small Targeter 3.5mm Depth Gauge Reference Sleeve. Measure by reading the depth off the back of the calibrated Small Targeter Depth Gauge Reference Sleeve.

Tap (optional)

The 3.5mm screws are self-tapping. However, in areas of dense cortical bone, tapping the bone may be desired prior to screw insertion. Tap by using the 3.5mm Targeter Tap (71177044). This should be performed manually by using the Large Screwdriver Handle with AO quick connect. The 3.5mm Targeter Tap can be used through the Small Targeter Screw Guide or Targeter 2.5mm Locking Guide.

Screw Insertion

Remove the Targeter 2.5mm Locking Guide and insert the appropriate length screw by hand using the Targeter 2.5mm Tapered Hex Driver (71177008). Final Tightening should be performed with the Targeter 2.5mm Linear Hex Driver (71177045).

Drill

To insert a 3.5mm Screw at the predetermined trajectory in the proximal row of 3.5mm variable angle screws, attach the Small Rafting Screw Guide (71177679 left or 71177680 right) onto the Small Proximal Tibia Targeter and insert a Targeter Screw Guide (71177022). Place the 2.5mm Targeter Variable Angle Drill Guide (71177051) through the Targeter Screw Guide so that the tip is centered in the locking tabs of the plate. Drill to the desired depth using a Targeter 2.5mm Drill (71177019).

Note: To place a 3.5mm screw off axis in the proximal row of the 3.5mm Lateral Proximal Tibia Plate the Targeter Handle (71177009 left or 71177010 right) and Small Proximal Tibia Targeter should be removed. Place the 2.5mm Conical Guide into the variable hole and drill to the desired depth using the Targeter 2.5mm Drill.

Measure

There are two parts to the Small Targeter Depth Gauge (71177043); the Small Targeter 3.5mm Depth Gauge Reference sleeve and the Small Targeter 3.5mm Depth Gauge Ruler. Lock a Targeter Screw Guide into the Targeter and insert the Small Targeter Reference Sleeve. Remove the cap from the Small Targeter 3.5mm Depth Gauge Ruler and insert the Ruler through the Small Targeter 3.5mm Depth Gauge Reference Sleeve. Measure by reading the depth off the back of the calibrated Small Targeter Depth Gauge Reference Sleeve.

Tap (optional)

The 3.5mm screws are self-tapping. However, in areas of dense cortical bone, tapping the bone may be desired prior to screw insertion. Tap by using the 3.5mm Targeter Tap (71177044). This should be performed manually by using the Large Screwdriver Handle with AO quick connect. The 3.5mm Targeter Tap can be used through the Small Targeter Screw Guide or Targeter 2.5mm Locking Guide.

Screw insertion

Remove the Targeter 2.5mm Locking Guide and insert the appropriate length screw by hand using the Targeter 2.5mm Tapered Hex Driver (71177008). Final Tightening should be performed with the Targeter 2.5mm Linear Hex Driver (71177045).

Obtain final AP and lateral radiographic images to confirm patient implant position and fracture reduction. Wound closure follows standard technique.

Cat. Item	Description	Qty
EVOS® LARGE and PERIPROSTHETIC Targeter Instruments - 7141-0310		
71175616	EVOS LARGE Bending Irons	2
71177753	EVOS LARGE Targeter 2.5mm Drill Guide	2
71177734	EVOS LARGE Targeter 3.7mm Locking Guide	4
71175636	EVOS LARGE Cannulated Depth Gauge	1
71173547	Cannulated Screwdriver Handle with AO QC	1
71177724	EVOS LARGE Removal Tool	1
71177742	EVOS LARGE Targeter 2.0mm Locking Guide	1
71177729	EVOS LARGE Targeter Screw Guide	4
71177736	EVOS LARGE Targeter 4.5mm Locking Guide	2
71177748	EVOS LARGE Targeter 5.5mm Locking Guide	2
71177739	EVOS LARGE 3.7mm Targeter Variable Angle Drill Guide	1
71177730	EVOS LARGE Targeter Depth Gauge	1
71177694	EVOS LARGE Targeter Peripheral Depth Gauge	1
71177008	EVOS Targeter 2.5mm Hex Driver Shaft, Self-Retaining	2
71177045	EVOS Targeter 2.5mm Hex Driver Shaft, Linear	2
71177733	EVOS LARGE Targeter 3.5mm Hex Driver Shaft, Linear	2
71175666	EVOS LARGE Targeter 3.5mm Hex Driver Shaft, Tapered	2
71173410	Targeter 4.7mm Hexdriver Shaft	1
71177721	EVOS Targeter Scalpel Handle	1
71177722	EVOS LARGE Targeter 4.5mm Trocar	2
71177750	EVOS LARGE Targeter 3.5mm Screw Guide	2
71177762	EVOS LARGE Targeter 2.5 mm Trocar	2
71177741	EVOS LARGE Targeter 3.5mm Cannulated Hex Driver	2
71175605	3.5mm Provisional Compression Nut	2
71177756	EVOS LARGE Targeter 5.5mm Push Screw	2
71170756	EVOS LARGE Targeter Instrument Tray	1
71170773	EVOS LARGE Tray Lid	1
EVOS LARGE and PERIPROSTHETIC Targeter Disposables - 7141-0314		
71175093	2.5mm Provisional Fixation Pin, 14mm	2
71175094	2.5mm Provisional Fixation Pin, 25mm	2
71175095	2.5mm Provisional Fixation Pin, 40mm	2
71177725	EVOS LARGE Targeter 3.5mm Provisional Fixation Pin, 14mm	2
71177726	EVOS LARGE Targeter 3.5mm Provisional Fixation Pin, 40mm	2
71177735	EVOS LARGE 3.7mm Targeter Drill	2
71177719	K-wire 2.0mm x 350mm Trocar TIP	6
71177731	EVOS LARGE Targeter 4.5mm Tap with AO QC	1
71177765	EVOS LARGE Targeter 5.5mm Overdrill with AO QC	1
71177728	EVOS LARGE Targeter 3.5mm Provisional Compression Pin, 60mm	2
71177737	EVOS LARGE Targeter 4.5mm Drill with AO QC	2
71177752	EVOS LARGE Targeter 2.5mm Drill with AO QC	2
71177740	EVOS LARGE Targeter 4.5mm Cannulated Drill withAO QC	2
71177749	EVOS LARGE Targeter 3.7mm/5.5mm Step Drill with AO QC	1

Cat. Item	Description	Qty
Large Screw Set - 7141-0330N		
71170045	Screw Forceps	1
71177688N	EVOS® Washer for 4.5mm Screw	10
72514500N	EVOS 4.5mm Locking Hole Insert	6
71177689N	EVOS Double Washer for 4.5mm Screw	10
4.5mm Cortex and Locking Screws		
72504514N	EVOS 4.5mm X 14mm Cortex Screw Self-Tapping	4
72504516N	EVOS 4.5mm X 16mm Cortex Screw Self-Tapping	4
72504518N	EVOS 4.5mm X 18mm Cortex Screw Self-Tapping	4
72504520N	EVOS 4.5mm X 20mm Cortex Screw Self-Tapping	6
72504522N	EVOS 4.5mm X 22mm Cortex Screw Self-Tapping	6
72504524N	EVOS 4.5mm X 24mm Cortex Screw Self-Tapping	6
72504526N	EVOS 4.5mm X 26mm Cortex Screw Self-Tapping	8
72504528N	EVOS 4.5mm X 28mm Cortex Screw Self-Tapping	8
72504530N	EVOS 4.5mm X 30mm Cortex Screw Self-Tapping	8
72504532N	EVOS 4.5mm X 32mm Cortex Screw Self-Tapping	8
72504534N	EVOS 4.5mm X 34mm Cortex Screw Self-Tapping	8
72504536N	EVOS 4.5mm X 36mm Cortex Screw Self-Tapping	8
72504538N	EVOS 4.5mm X 38mm Cortex Screw Self-Tapping	8
72504540N	EVOS 4.5mm X 40mm Cortex Screw Self-Tapping	8
72504542N	EVOS 4.5mm X 42mm Cortex Screw Self-Tapping	6
72504544N	EVOS 4.5mm X 44mm Cortex Screw Self-Tapping	6
72504546N	EVOS 4.5mm X 46mm Cortex Screw Self-Tapping	6
72504548N	EVOS 4.5mm X 48mm Cortex Screw Self-Tapping	6
72504550N	EVOS 4.5mm X 50mm Cortex Screw Self-Tapping	4
72504552N	EVOS 4.5mm X 52mm Cortex Screw Self-Tapping	4
72504554N	EVOS 4.5mm X 54mm Cortex Screw Self-Tapping	4
72504556N	EVOS 4.5mm X 56mm Cortex Screw Self-Tapping	4
72504558N	EVOS 4.5mm X 58mm Cortex Screw Self-Tapping	4
72504560N	EVOS 4.5mm X 60mm Cortex Screw Self-Tapping	4
72504562N	EVOS 4.5mm X 62mm Cortex Screw Self-Tapping	4
72504564N	EVOS 4.5mm X 64mm Cortex Screw Self-Tapping	4
72504566N	EVOS 4.5mm X 66mm Cortex Screw Self-Tapping	4
72504568N	EVOS 4.5mm X 68mm Cortex Screw Self-Tapping	4
72504570N	EVOS 4.5mm X 70mm Cortex Screw Self-Tapping	4
72504572N	EVOS® 4.5mm X 72mm Cortex Screw Self-Tapping	4
72504574N	EVOS 4.5mm X 74mm Cortex Screw Self-Tapping	4
72504576N	EVOS 4.5mm X 76mm Cortex Screw Self-Tapping	4
72504578N	EVOS 4.5mm X 78mm Cortex Screw Self-Tapping	4
72504580N	EVOS 4.5mm X 80mm Cortex Screw Self-Tapping	4
72504585N	EVOS 4.5mm X 85mm Cortex Screw Self-Tapping	4

4.5mm Cortex and Locking Screws *continued*		
72504590N	EVOS® 4.5mm X 90mm Cortex Screw Self-Tapping	2
72504595N	EVOS 4.5mm X 95mm Cortex Screw Self-Tapping	2
72504600N	EVOS 4.5mm X 100mm Cortex Screw Self-Tapping	2
72514514N	EVOS 4.5mm X 14mm Locking Screw Self Tapping	4
72514516N	EVOS 4.5mm X 16mm Locking Screw Self Tapping	4
72514518N	EVOS 4.5mm X 18mm Locking Screw Self Tapping	4
72514520N	EVOS 4.5mm X 20mm Locking Screw Self Tapping	6
72514522N	EVOS 4.5mm X 22mm Locking Screw Self Tapping	6
72514524N	EVOS 4.5mm X 24mm Locking Screw Self Tapping	6
72514526N	EVOS 4.5mm X 26mm Locking Screw Self Tapping	8
72514528N	EVOS 4.5mm X 28mm Locking Screw Self Tapping	8
72514530N	EVOS 4.5mm X 30mm Locking Screw Self Tapping	8
72514532N	EVOS 4.5mm X 32mm Locking Screw Self Tapping	8
72514534N	EVOS 4.5mm X 34mm Locking Screw Self Tapping	8
72514536N	EVOS 4.5mm X 36mm Locking Screw Self Tapping	8
72514538N	EVOS 4.5mm X 38mm Locking Screw Self Tapping	8
72514540N	EVOS 4.5mm X 40mm Locking Screw Self Tapping	8
72514542N	EVOS 4.5mm X 42mm Locking Screw Self Tapping	6
72514544N	EVOS 4.5mm X 44mm Locking Screw Self Tapping	6
72514546N	EVOS 4.5mm X 46mm Locking Screw Self Tapping	6
72514548N	EVOS 4.5mm X 48mm Locking Screw Self Tapping	6
72514550N	EVOS 4.5mm X 50mm Locking Screw Self Tapping	4
72514552N	EVOS 4.5mm X 52mm Locking Screw Self Tapping	4
72514554N	EVOS 4.5mm X 54mm Locking Screw Self Tapping	4
72514556N	EVOS 4.5mm X 56mm Locking Screw Self Tapping	4
72514558N	EVOS 4.5mm X 58mm Locking Screw Self Tapping	4
72514560N	EVOS 4.5mm X 60mm Locking Screw Self Tapping	4
72514562N	EVOS 4.5mm X 62mm Locking Screw Self Tapping	4
72514564N	EVOS 4.5mm X 64mm Locking Screw Self Tapping	4
72514566N	EVOS 4.5mm X 66mm Locking Screw Self Tapping	4
72514568N	EVOS 4.5mm X 68mm Locking Screw Self Tapping	4
72514570N	EVOS 4.5mm X 70mm Locking Screw Self Tapping	4
72514572N	EVOS 4.5mm X 72mm Locking Screw Self Tapping	4
72514574N	EVOS 4.5mm X 74mm Locking Screw Self Tapping	4
72514576N	EVOS 4.5mm X 76mm Locking Screw Self Tapping	4
72514578N	EVOS 4.5mm X 78mm Locking Screw Self Tapping	4
72514580N	EVOS 4.5mm X 80mm Locking Screw Self Tapping	4
72514585N	EVOS 4.5mm X 85mm Locking Screw Self Tapping	4
72514590N	EVOS 4.5mm X 90mm Locking Screw Self Tapping	2
72514595N	EVOS 4.5mm X 95mm Locking Screw Self Tapping	2
72514600N	EVOS 4.5mm X 100mm Locking Screw Self Tapping	2

Cat. Item	Description	Qty
4.5mm Blunt Tip		
72514408N	EVOS® 4.5mm X 8mm Blunt Tip Locking Screw	4
72514-410N	EVOS 4.5mm X 10mm Blunt Tip Locking Screw	4
72514412N	EVOS 4.5mm X 12mm Blunt Tip Locking Screw	4
72514414N	EVOS 4.5mm X 14mm Blunt Tip Locking Screw	4
6.7mm High Torque		
72526728N	EVOS 6.7mm X 28mm High Torque Screw Fully Threaded	1
72526730N	EVOS 6.7mm X 30mm High Torque Screw Fully Threaded	1
72526732N	EVOS 6.7mm X 32mm High Torque Screw Fully Threaded	1
72526734N	EVOS 6.7mm X 34mm High Torque Screw Fully Threaded	1
72526736N	EVOS 6.7mm X 36mm High Torque Screw Fully Threaded	1
72526738N	EVOS 6.7mm X 38mm High Torque Screw Fully Threaded	1
72526740N	EVOS 6.7mm X 40mm High Torque Screw Fully Threaded	1
72526742N	EVOS 6.7mm X 42mm High Torque Screw Fully Threaded	1
72526744N	EVOS 6.7mm X 44mm High Torque Screw Fully Threaded	1
72526746N	EVOS 6.7mm X 46mm High Torque Screw Fully Threaded	1
72526748N	EVOS 6.7mm X 48mm High Torque Screw Fully Threaded	1
72526750N	EVOS 6.7mm X 50mm High Torque Screw Fully Threaded	2
72526755N	EVOS 6.7mm X 55mm High Torque Screw Fully Threaded	2
72526760N	EVOS 6.7mm X 60mm High Torque Screw Fully Threaded	2
72526765N	EVOS 6.7mm X 65mm High Torque Screw Fully Threaded	2
72526770N	EVOS 6.7mm X 70mm High Torque Screw Fully Threaded	2
72526775N	EVOS 6.7mm X 75mm High Torque Screw Fully Threaded	2
72526780N	EVOS 6.7mm X 80mm High Torque Screw Fully Threaded	2
72526785N	EVOS 6.7mm X 85mm High Torque Screw Fully Threaded	2
72526790N	EVOS 6.7mm X 90mm High Torque Screw Fully Threaded	2
72526795N	EVOS 6.7mm X 95mm High Torque Screw Fully Threaded	2
72526800N	EVOS 6.7mm X 100mm High Torque Screw Fully Threaded	2
5.7mm Cannulated Locking		
72535720N	EVOS 5.7mm X 20mm Cannulated Locking Screw	2
72535725N	EVOS 5.7mm X 25mm Cannulated Locking Screw	2
72535730N	EVOS 5.7mm X 30mm Cannulated Locking Screw	2
72535732N	EVOS 5.7mm X 32mm Cannulated Locking Screw	2
72535734N	EVOS 5.7mm X 34mm Cannulated Locking Screw	2
72535736N	EVOS 5.7mm X 36mm Cannulated Locking Screw	2
72535738N	EVOS 5.7mm X 38mm Cannulated Locking Screw	2
72535740N	EVOS 5.7mm X 40mm Cannulated Locking Screw	2
72535742N	EVOS 5.7mm X 42mm Cannulated Locking Screw	2
72535744N	EVOS 5.7mm X 44mm Cannulated Locking Screw	2
72535746N	EVOS 5.7mm X 46mm Cannulated Locking Screw	2
72535748N	EVOS 5.7mm X 48mm Cannulated Locking Screw	2
72535750N	EVOS 5.7mm X 50mm Cannulated Locking Screw	2
72535755N	EVOS 5.7mm X 55mm Cannulated Locking Screw	4
72535760N	EVOS 5.7mm X 60mm Cannulated Locking Screw	4
72535765N	EVOS 5.7mm X 65mm Cannulated Locking Screw	4
72535770N	EVOS 5.7mm X 70mm Cannulated Locking Screw	4
72535775N	EVOS 5.7mm X 75mm Cannulated Locking Screw	4
72535780N	EVOS 5.7mm X 80mm Cannulated Locking Screw	4
72535785N	EVOS 5.7mm X 85mm Cannulated Locking Screw	4
72535790N	EVOS 5.7mm X 90mm Cannulated Locking Screw	4
72535795N	EVOS 5.7mm X 95mm Cannulated Locking Screw	4
72535800N	EVOS 5.7mm X 100mm Cannulated Locking Screw	4
3.5mm Cortex and Locking Screws		
72403510N	EVOS 3.5mm X 10mm Cortex Screw Self-Tapping	4
72403512N	EVOS 3.5mm X 12mm Cortex Screw Self-Tapping	4
72403514N	EVOS 3.5mm X 14mm Cortex Screw Self-Tapping	4
72403516N	EVOS 3.5mm X 16mm Cortex Screw Self-Tapping	4
72403518N	EVOS 3.5mm X 18mm Cortex Screw Self-Tapping	4
72403520N	EVOS 3.5mm X 20mm Cortex Screw Self-Tapping	4
72403522N	EVOS 3.5mm X 22mm Cortex Screw Self-Tapping	4
72403524N	EVOS 3.5mm X 24mm Cortex Screw Self-Tapping	4
72403526N	EVOS 3.5mm X 26mm Cortex Screw Self-Tapping	4

3.5mm Cortex and Locking Screws *continued*		
72403528N	EVOS® 3.5mm x 28mm Cortex Screw Self-Tapping	4
72403530N	EVOS 3.5mm x 30mm Cortex Screw Self-Tapping	4
72403532N	EVOS 3.5mm x 32mm Cortex Screw Self-Tapping	4
72403534N	EVOS 3.5mm x 34mm Cortex Screw Self-Tapping	4
72403536N	EVOS 3.5mm x 36mm Cortex Screw Self-Tapping	4
72403538N	EVOS 3.5mm x 38mm Cortex Screw Self-Tapping	4
72403540N	EVOS 3.5mm x 40mm Cortex Screw Self-Tapping	4
72403542N	EVOS 3.5mm x 42mm Cortex Screw Self-Tapping	2
72403544N	EVOS 3.5mm x 44mm Cortex Screw Self-Tapping	2
72403546N	EVOS 3.5mm x 46mm Cortex Screw Self-Tapping	2
72403548N	EVOS 3.5mm x 48mm Cortex Screw Self-Tapping	2
72403550N	EVOS 3.5mm x 50mm Cortex Screw Self-Tapping	2
72403555N	EVOS 3.5mm x 55mm Cortex Screw Self-Tapping	2
72403560N	EVOS 3.5mm x 60mm Cortex Screw Self-Tapping	2
72403565N	EVOS 3.5mm x 65mm Cortex Screw Self-Tapping	2
72403570N	EVOS 3.5mm x 70mm Cortex Screw Self-Tapping	2
72403575N	EVOS 3.5mm x 75mm Cortex Screw Self-Tapping	2
72403580N	EVOS 3.5mm x 80mm Cortex Screw Self-Tapping	2
72403595*	EVOS 3.5mmm x 95mm Cortex Screw	0
72403600*	EVOS 3.5mmm x 100mm Cortex Screw	0
72403605*	EVOS 3.5mmm x 105mm Cortex Screw	0
72403610*	EVOS 3.5mmm x 110mm Cortex Screw	0
72403615*	EVOS 3.5mmm x 115mm Cortex Screw	0
72403620*	EVOS 3.5mmm x 120mm Cortex Screw	0
72403625*	EVOS 3.5mmm x 125mm Cortex Screw	0
72403630*	EVOS 3.5mmm x 130mm Cortex Screw	0
72403635*	EVOS 3.5mmm x 135mm Cortex Screw	0
72403540*	EVOS 3.5mmm x 140mm Cortex Screw	0
72403545*	EVOS 3.5mmm x 145mm Cortex Screw	0
72403550*	EVOS 3.5mmm x 150mm Cortex Screw	0
72413510N	EVOS 3.5mm x 10mm Locking Screw Self Tapping	4
72413512N	EVOS 3.5mm x 12mm Locking Screw Self Tapping	4
72413514N	EVOS 3.5mm x 14mm Locking Screw Self Tapping	4
72413516N	EVOS 3.5mm x 16mm Locking Screw Self Tapping	4
72413518N	EVOS 3.5mm x 18mm Locking Screw Self Tapping	4
72413520N	EVOS 3.5mm x 20mm Locking Screw Self Tapping	4
72413522N	EVOS 3.5mm x 22mm Locking Screw Self Tapping	4
72413524N	EVOS 3.5mm x 24mm Locking Screw Self Tapping	4
72413526N	EVOS 3.5mm x 26mm Locking Screw Self Tapping	4
72413528N	EVOS 3.5mm x 28mm Locking Screw Self Tapping	4
72413530N	EVOS 3.5mm x 30mm Locking Screw Self Tapping	4
72413532N	EVOS 3.5mm x 32mm Locking Screw Self Tapping	4
72413534N	EVOS 3.5mm x 34mm Locking Screw Self Tapping	4
72413536N	EVOS 3.5mm x 36mm Locking Screw Self Tapping	4
72413538N	EVOS 3.5mm x 38mm Locking Screw Self Tapping	4
72413540N	EVOS 3.5mm x 40mm Locking Screw Self Tapping	4
72413542N	EVOS 3.5mm x 42mm Locking Screw Self Tapping	2
72413544N	EVOS 3.5mm x 44mm Locking Screw Self Tapping	2
72413546N	EVOS 3.5mm x 46mm Locking Screw Self Tapping	2
72413548N	EVOS 3.5mm x 48mm Locking Screw Self Tapping	2
72413550N	EVOS 3.5mm x 50mm Locking Screw Self Tapping	2
72413555N	EVOS 3.5mm x 55mm Locking Screw Self Tapping	2
72413560N	EVOS 3.5mm x 60mm Locking Screw Self Tapping	2
72413565N	EVOS 3.5mm x 65mm Locking Screw Self Tapping	2
72413570N	EVOS 3.5mm x 70mm Locking Screw Self Tapping	2
72413575N	EVOS 3.5mm x 75mm Locking Screw Self Tapping	2
72413580N	EVOS 3.5mm x 80mm Locking Screw Self Tapping	2
71170733	EVOS LARGE 5.7mm Cannulated Screw Caddy Lid	1
72413595*	EVOS 3.5mm x 95mm Locking Screw	00
72413600*	EVOS 3.5mm x 100mm Locking Screw	0
72413605*	EVOS 3.5mm x 105mm Locking Screw	0
72413610*	EVOS 3.5mm x 110mm Locking Screw	0

Cat. Item	Description	Qty
3.5mm Cortex and Locking Screws *continued*		
71170733	EVOS® LARGE 5.7mm Cannulated Screw Caddy	1
71170731	EVOS LARGE 4.5mm Cortex/6.7mm High Torque Screw Caddy Lid	1
71170730	EVOS LARGE 4.5mm Cortex/6.7mm High Torque Screw Caddy	1
71170755	EVOS LARGE 3.5mm Screw Caddy Lid	1
71170754	EVOS LARGE 3.5mm Screw Caddy	1
71170770	EVOS LARGE Locking Hole Insert Caddy	1
71170714	EVOS LARGE 4.5mm Locking/ 4.5mm Blunt TipScrew Caddy Lid	1
71170713	EVOS LARGE 4.5mm Locking/ 4.5mm Blunt TipScrew Caddy	1
71170768	EVOS LARGE Screw Tray	1
71170773	EVOS LARGE Lid	1
EVOS Saddle and Post BOM - 7141-0317		
71175652	EVOS 4.5mm Cable Saddle	10
71175680	EVOS 3.5mm Cable Saddle	10
71175688	EVOS 3.5mm Cable Post	5
EVOS Cable Set - 7141-0290		
72580000	EVOS Cable, Stainless Steel w/Crimp	12
EVOS LARGE Proximal Femur Targeter - 7141-0311		
71177702	EVOS LARGE Targeter Base Proximal Femur, Left	1
71177703	EVOS LARGE Targeter Base Proximal Femur, Right	1
71177714	EVOS LARGE Targeter Handle Proximal Femur, Left	1
71177715	EVOS LARGE Targeter Handle Proximal Femur, Right	1
71177673	EVOS PERIPROSTHETIC Proximal Femur Targeter Blocking Guide	1
71177671	EVOS PERIPROSTHETIC Proximal Femur Peripheral Hole Targeter Guide	2
71177676	EVOS Proximal Femur Targeter Adaptor, Right	1
71177675	EVOS Proximal Femur Targeter Adaptor, Left	1
71177720	EVOS LARGE Targeter Locking Post Assembly	2
71177734	Targeter 3.7mm Locking Guide	1
71177670	EVOS Peripheral Hole Targeter Guide	2
71170760	EVOS LARGE Proximal Femur Targeter Tray	1
71170772	EVOS LARGE Slide Latch Tray Lid	1
EVOS LARGE Distal Femur Targeter - 7141-0312		
71177706	EVOS LARGE Targeter Base Lateral Distal Femur, Left	1
71177707	EVOS LARGE Targeter Base Lateral Distal Femur, Right	1
71177704	EVOS LARGE Targeter Handle Lateral Distal Femur, Left	1
71177705	EVOS LARGE Targeter Handle Lateral Distal Femur, Right	1
71177712	EVOS PERIPROSTHETIC Targeter Handle Lateral Distal Femur, Left	1
71177713	EVOS PERIPROSTHETIC Targeter Handle Lateral Distal Femur, Right	1
71177720	EVOS LARGE Targeter Locking Post Assembly	3
71177670	EVOS Peripheral Hole Targeter Guide	1
71177672	EVOS Distal Femur Slot Targeter Guide	1
71170772	EVOS LARGE SLide Latch Tray Lid	1
71170762	EVOS LARGE Distal Femur Targeter Tray	1
EVOS LARGE Proximal Tibia Targeter - 7141-0313		
71177674	EVOS LARGE Lateral Proximal Tibia Rafting Screw Guide	1
71177710	EVOS LARGE Targeter Base Lateral Proximal Tibia, Left	1
71177711	EVOS LARGE Targeter Base Lateral Proximal Tibia, Right	1
71177708	EVOS LARGE Targeter Handle Lateral Proximal Tibia, Left	1
71177709	EVOS LARGE Targeter Handle Lateral Proximal Tibia, Right	1
71177720	EVOS LARGE Targeter Locking Post Assembly	3
71170764	EVOS LARGE Lateral Proximal Tibia Targeter Tray	1
71170772	EVOS LARGE Slide Latch Tray Lid	1

Cat. Item	Description	Qty
Large 6.5mm Cannulated Instrument Set -7141-0309		
71631186	Mini Connector	1
71175640	EVOS® LARGE 3.2mm Locking Guide	4
71177744	EVOS LARGE Targeter 3.2mm Locking Guide	4
71175641	EVOS LARGE 4.7mm Cannulated Driver Shaft w/ Hall-Jacobs	1
71175642	EVOS LARGE 4.7mm Hex Driver Shaft w/AO QC	1
71177746	4.7mm Targeter Cannulated Hex Driver w/ Hall-Jacobs	1
71175636	EVOS LARGE Cannulated Depth Gauge	1
71177665	EVOS LARGE Targeter 4.7mm Hex Driver Shaft w/AO QC	1
71170724	EVOS LARGE 6.5mm Cannulated Screw Instrument and Implant Tray	1
71170773	EVOS LARGE Lid	1
Large 6.5mm Cannulated Disposable Set -7141-0309		
71175638	EVOS LARGE 3.2mm X 300mm Guide Pin	6
71175639	EVOS LARGE 5.0mm Cannulated Drill w/ Hall-Jacobs	2
71177745	EVOS LARGE Targeter 5.0mm Cannulated Drill w/ Hall-Jacobs	2
71177743	EVOS LARGE Targeter 3.2mm X 350mm Guide Pin	6
Large 6.5mm Cannulated Screw Set -7141-0309		
72546540N	EVOS 6.5mm X 40mm Cannulated Screw	2
72546545N	EVOS 6.5mm X 45mm Cannulated Screw	2
72546550N	EVOS 6.5mm X 50mm Cannulated Screw	2
72546555N	EVOS 6.5mm X 55mm Cannulated Screw	2
72546560N	EVOS 6.5mm X 60mm Cannulated Screw	2
72546565N	EVOS 6.5mm X 65mm Cannulated Screw	2
72546570N	EVOS 6.5mm X 70mm Cannulated Screw	2
72546575N	EVOS 6.5mm X 75mm Cannulated Screw	2
72546580N	EVOS 6.5mm X 80mm Cannulated Screw	2
72546585N	EVOS 6.5mm X 85mm Cannulated Screw	2
72546590N	EVOS 6.5mm X 90mm Cannulated Screw	2
72546595N	EVOS 6.5mm X 95mm Cannulated Screw	2
72546600N	EVOS 6.5mm X 100mm Cannulated Screw	2
72546605N	EVOS 6.5mm X 105mm Cannulated Screw	2
72546610N	EVOS 6.5mm X 110mm Cannulated Screw	2
72546615N	EVOS 6.5mm X 115mm Cannulated Screw	2
72546620N	EVOS 6.5mm X 120mm Cannulated Screw	2
72546625N	EVOS 6.5mm X 125mm Cannulated Screw	2
72546630N	EVOS 6.5mm X 130mm Cannulated Screw	2
72556540N	EVOS 6.5mm X 40mm Cannulated Locking Screw	2
72556545N	EVOS 6.5mm X 45mm Cannulated Locking Screw	2
72556550N	EVOS 6.5mm X 50mm Cannulated Locking Screw	2
72556555N	EVOS 6.5mm X 55mm Cannulated Locking Screw	2
72556560N	EVOS 6.5mm X 60mm Cannulated Locking Screw	2
72556565N	EVOS 6.5mm X 65mm Cannulated Locking Screw	2
72556570N	EVOS 6.5mm X 70mm Cannulated Locking Screw	2
72556575N	EVOS 6.5mm X 75mm Cannulated Locking Screw	2
72556580N	EVOS 6.5mm X 80mm Cannulated Locking Screw	4
72556585N	EVOS 6.5mm X 85mm Cannulated Locking Screw	4
72556590N	EVOS 6.5mm X 90mm Cannulated Locking Screw	4
72556595N	EVOS 6.5mm X 95mm Cannulated Locking Screw	4
72556600N	EVOS 6.5mm X 100mm Cannulated Locking Screw	4
72556605N	EVOS 6.5mm X 105mm Cannulated Locking Screw	4
72556610N	EVOS 6.5mm X 110mm Cannulated Locking Screw	2
72556615N	EVOS 6.5mm X 115mm Cannulated Locking Screw	2
72556620N	EVOS 6.5mm X 120mm Cannulated Locking Screw	2
72556625N	EVOS 6.5mm X 125mm Cannulated Locking Screw	2
72556630N	EVOS 6.5mm X 130mm Cannulated Locking Screw	2
71170716	EVOS LARGE 6.5mm Cannulated Screw Caddy	1

Cat. Item	Description	Qty
EVOS® Advanced Reduction Set -7141-0316		
71170046	Self-Centering Forceps with SPEED Lock 240mm	1
71170050	Reduction Forceps 240mm, Spin Down	1
71170143	Socket Wrench with Universal Joint	1
71170145	Articulated Tension Device with Gauge	1
71170185	Volkman Bone Hook	1
71170195	Farabeuf Forceps 190mm	1
71170217	Reduction Forceps 170mm, Spin Down	1
71171210	Ball Spike Pusher	1
71171211	PERI-LOC® VLP Fibula Clamp	1
71171212	Ball Spike Reduction Clamp, Medium	1
71171213	Ball Spike Reduction Clamp, Large	1
71171220	PERI-LOC VLP 15mm Spiked Washer	2
71171221	PERI-LOC VLP 25mm Spiked Washer	2
71173370	Reduction Forceps with Rachet, Bowed, 205mm	1
71173377	Reduction Forceps with Points - Broad	2
71173544	Self-Centering Reverse Verbrugge 190mm	1
71173545	Self-Centering Reverse Verbrugge 240mm	1
71175082	Compression Device/Push Pull	1
71177759	Push Pull Adaptor Tip	1
71175084	Spin Reduction Forceps with Points - Broad	2
71175088	Spin Reduction Forceps - Bowed 205mm	1
71175034	Reduction Forceps with Points, Straight - Straight	1
71175035	Reduction Forceps with Points, Curved - Straight	1
71175036	Reduction Forceps with Points, Straight - Curved	1
71173306	Reduction Forceps for 3.5mm Screw	1
71170186	Shoulder Hook	1
71177692	Cannulated Spiked Pusher with Quick Connect	1
7107-5903	Wrench 16mm for Osteotomes	1
71170728	EVOS Advanced Reduction Instrument Tray	1
71170729	EVOS Advanced Reduction Instrument Tray Lid	1
EVOS LARGE Proximal Femur Set - 7141-0322N		
72572104N	EVOS 4.5mm Proximal Femur Plate 4h L 135mm	1
72572106N	EVOS 4.5mm Proximal Femur Plate 6h L 172mm	1
72572109N	EVOS 4.5mm Proximal Femur Plate 9h L 226mm	1
72572112N	EVOS 4.5mm Proximal Femur Plate 12h L 280mm	1
72572115N	EVOS 4.5mm Proximal Femur Plate 15h L 333mm	1
72572204N	EVOS 4.5mm Proximal Femur Plate 4h R 135mm	1
72572206N	EVOS 4.5mm Proximal Femur Plate 6h R 172mm	1
72572209N	EVOS 4.5mm Proximal Femur Plate 9h R 226mm	1
72572212N	EVOS 4.5mm Proximal Femur Plate 12h R 280mm	1
72572215N	EVOS 4.5m Proximal Femur Plate 15h R 333mm	1
71170736	EVOS LARGE Proximal Femur Plate Tray	1
71170772	EVOS LARGE Slide Latch Tray Lid	1

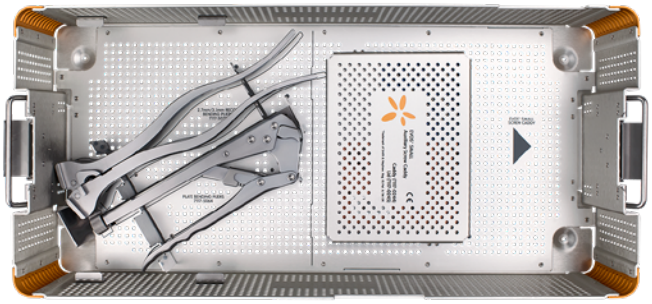
Cat. Item	Description	Qty
EVOS® LARGE Distal Femur Set - 7141-0323N		
72574106N	EVOS 4.5mm Distal Femur Plate L 6h 143mm	1
72574109N	EVOS 4.5mm Distal Femur Plate L 9h 197mm	1
72574111N	EVOS 4.5mm Distal Femur Plate L 11h 233mm	1
72574113N	EVOS 4.5mm Distal Femur Plate L 13h 270mm	1
72574115N	EVOS 4.5mm Distal Femur Plate L 15h 306mm	1
72574117N	EVOS 4.5mm Distal Femur Plate L 17h 342mm	1
72574119N	EVOS 4.5mm Distal Femur Plate L 19h 378mm	1
72574206N	EVOS 4.5mm Distal Femur Plate R 6h 143mm	1
72574209N	EVOS 4.5mm Distal Femur Plate R 9h 197mm	1
72574211N	EVOS 4.5mm Distal Femur Plate R 11h 233mm	1
72574213N	EVOS 4.5mm Distal Femur Plate R 13h 270mm	1
72574215N	EVOS 4.5mm Distal Femur Plate R 15h 306mm	1
72574217N	EVOS 4.5mm Distal Femur Plate R 17h 342mm	1
72574219N	EVOS 4.5mm Distal Femur Plate R 19h 378mm	1
71170738	EVOS LARGE Distal Femur Plate Tray	1
71170772	EVOS LARGE Slide Latch Tray Lid	1
EVOS LARGE Proximal Tibia Set -7141-0324N		
72575104N	EVOS 4.5mm Lateral Proximal Tibia Plate L 4h 97mm	1
72575106N	EVOS 4.5mm Lateral Proximal Tibia Plate L 6h 129mm	1
72575108N	EVOS 4.5mm Lateral Proximal Tibia Plate L 8h 161mm	1
72575111N	EVOS 4.5mm Lateral Proximal Tibia Plate L 11h 209mm	1
72575114N	EVOS 4.5mm Lateral Proximal Tibia Plate L 14h 257mm	1
72575204N	EVOS 4.5mm Lateral Proximal Tibia Plate R 4h 97mm	1
72575206N	EVOS 4.5mm Lateral Proximal Tibia Plate R 6h 129mm	1
72575208N	EVOS 4.5mm Lateral Proximal Tibia Plate R 8h 161mm	1
72575211N	EVOS 4.5mm Lateral Proximal Tibia Plate R 11h 209mm	1
72575214N	EVOS 4.5mm Lateral Proximal Tibia Plate R 14h 257mm	1
71170740	EVOS LARGE Lateral Proximal Tibia Plate Tray	1
71170772	EVOS LARGE Slide Latch Tray Lid	1
EVOS PERIPROSTHETIC Troch Set -71410325N		
72583101N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Hook Plate L 1h 112mm	1
72583103N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Hook Plate L 3h 148mm	1
72583106N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Hook Plate L 6h 202mm	1
72583109N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Hook Plate L 9h 257mm	1
72583201N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Hook Plate R 1h 112mm	1
72583203N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Hook Plate R 3h 148mm	1
72583206N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Hook Plate R 6h 202mm	1
72583209N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Hook Plate R 9h 257mm	1
72586101N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate L 1h 96mm	1
72586103N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate L 3h 132mm	1
72586106N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate L 6h 186mm	1
72586109N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate L 9h 241mm	1
72586201N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate R 1h 96mm	1
72586203N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate R 3h 132mm	1
72586206N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate R 6h 186mm	1
72586209N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate R 9h 241mm	1
71175671	EVOS PERIPROSTHETIC Trochanteric Hook Plate Impactor	1
71177678	EVOS PERIPROSTHETIC Trochanteric Hook Plate Impactor Base	1
71177506	EVOS LARGE Impactor Bracket	1
71170746	EVOS PERIPROSTHETIC Trochanteric Plate Tray	1
71170772	EVOS LARGE Slide Latch Tray Lid	1
EVOS LARGE Troch Hook Impactor Set -71410351N		
71175671	EVOS LARGE PERIPROSTHETIC Trochanteric Hook Plate Impactor	1
71177678	EVOS LARGE PERIPROSTHETIC Trochanteric Hook Impactor Base	1
71177506	EVOS LARGE Impactor Bracket	1

Cat. Item	Description	Qty
EVOS® PERIPROSTHETIC Proximal Femur Set -7141-0326N		
72586112N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate L 12h 295mm	1
72586114N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate L 14h 331mm	1
72586116N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Span Plate L 16h 367mm	1
72586118N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Span Plate L 18h 403mm	1
72586120N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Span Plate L 20h 440mm	1
72586212N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Span Plate R 12h 295mm	1
72586214N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Plate R 14h 331mm	1
72586216N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Span Plate R 16h 367mm	1
72586218N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Span Plate R 18h 403mm	1
72586220N	EVOS 3.5mm/4.5mm Periprosthetic Trochanteric Ring Span PlateR 20h 440mm	1
72582112N	EVOS 3.5mm/4.5mm Periprosthetic Proximal Femur Plate L 12h 257mm	1
72582114N	EVOS 3.5mm/4.5mm Periprosthetic Proximal Femur Plate L 14h 293mm	1
72582116N	EVOS 3.5mm/4.5mm Periprosthetic Proximal Femur Span Plate L 16h 329mm	1
72582118N	EVOS 3.5mm/4.5mm Periprosthetic Proximal Femur Span Plate L 18h 365mm	1
72582120N	EVOS 3.5mm/4.5mm Periprosthetic Proximal Femur Span Plate L 20h 400mm	1
72582212N	EVOS 3.5mm/4.5mm Periprosthetic Proximal Femur Plate R 12h 257mm	1
72582214N	EVOS 3.5mm/4.5mm Periprosthetic Proximal Femur Plate R 14h 293mm	1
72582216N	EVOS 3.5mm/4.5mm Periprosthetic Proximal Femur Span Plate R 16h 329mm	1
72582218N	EVOS 3.5mm/4.5mm Periprosthetic Proximal Femur Span Plate R 18h 365mm	1
72582220N	EVOS 3.5mm/4.5mm Periprosthetic Proximal Femur Span Plate R 20h 400mm	1
71170744	EVOS PERIPROSTHETIC Proximal Femur Plate Tray	1
71170773	EVOS LARGE Lid	1
EVOS PERIPROSTHETIC Distal Femur Set -7141-0327N		
72585114N	EVOS 3.5mm/4.5mm Periprosthetic Distal Femur Plate L 14h 297mm	1
72585116N	EVOS 3.5mm/4.5mm Periprosthetic Distal Femur Span Plate L 16h 333mm	1
72585118N	EVOS 3.5mm/4.5mm Periprosthetic Distal Femur Span Plate L 18h 369mm	1
72585120N	EVOS 3.5mm/4.5mm Periprosthetic Distal Femur Span Plate L 20h 405mm	1
72585214N	EVOS 3.5mm/4.5mm Periprosthetic Distal Femur Plate R 14h 297mm	1
72585216N	EVOS 3.5mm/4.5mm Periprosthetic Distal Femur Span Plate R 16h 333mm	1
72585218N	EVOS 3.5mm/4.5mm Periprosthetic Distal Femur Span Plate R 18h 369mm	1
72585220N	EVOS 3.5mm/4.5mm Periprosthetic Distal Femur Span Plate R 20h 405mm	1
71170750	EVOS PERIPROSTHETIC Distal Femur Plate Tray	1
71170772	EVOS LARGE Slide Latch Tray Lid	1
EVOS LARGE Proximal Femur Outliers Set -7141-0353		
72572102	EVOS 4.5mm Proximal Femur Plate 2h L 99mm	1
72572118	EVOS 4.5mm Proximal Femur Plate 18h L 387mm	1
72572202	EVOS 4.5mm Proximal Femur Plate 2h R 99mm	1
72572218	EVOS 4.5mm Proximal Femur Plate 18h R 387mm	1
EVOS LARGE Proximal Femur Outliers Set -7141-0354		
72574104	EVOS 4.5mm Distal Femur Plate L 4h 107mm	1
72574204	EVOS 4.5mm Distal Femur Plate R 4h 107mm	1
EVOS LARGE Proximal Tibia Outliers Set -7141-0355		
72575117	EVOS 4.5mm Lateral Proximal Tibia Plate L 17h 305mm	1
72575217	EVOS 4.5mm Lateral Proximal Tibia Plate R 17h 305mm	1
EVOS PERIPROSTHETIC Troch Hook Outliers Set -7141-0356		
72575117	EVOS 4.5mm Lateral Proximal Tibia Plate L 17h 305mm	1
72575217	EVOS 4.5mm Lateral Proximal Tibia Plate R 17h 305mm	1
EVOS PERIPROSTHETIC Distal Femur Outliers Set -7141-0357		
72585122	EVOS 3.5mm/4.5mm Periprosthetic Distal Femur Span Plate L 22h 441mm	1
72585222	EVOS 3.5mm/4.5mm Periprosthetic Distal Femur Span Plate R 22h 441mm	1

Cat. Item	Description	Qty
EVOS® LARGE Screw Outlier Set -7141-0358		
72514500	EVOS 4.5mm Locking Hole Insert	1
72504605	EVOS 4.5mm x 105mm Cortex Screw Self-Tapping	1
72504610	EVOS 4.5mm x 110mm Cortex Screw Self-Tapping	1
72504615	EVOS 4.5mm x 115mm Cortex Screw Self-Tapping	1
72504620	EVOS 4.5mm x 120mm Cortex Screw Self-Tapping	1
72504625	EVOS 4.5mm x 125mm Cortex Screw Self-Tapping	1
72504630	EVOS 4.5mm x 130mm Cortex Screw Self-Tapping	1
72514605	EVOS 4.5mm x 105mm Locking Screw Self-Tapping	1
72514610	EVOS 4.5mm x 110mm Locking Screw Self-Tapping	1
72514615	EVOS 4.5mm x 115mm Locking Screw Self-Tapping	1
72514620	EVOS 4.5mm x 120mm Locking Screw Self-Tapping	1
72514625	EVOS 4.5mm x 125mm Locking Screw Self-Tapping	1
72514630	EVOS 4.5mm x 130mm Locking Screw Self-Tapping	1
72535805	EVOS 5.7mm x 105mm Cannulated Locking Screw	1
72535810	EVOS 5.7mm x 110mm Cannulated Locking Screw	1
72535815	EVOS 5.7mm x 115mm Cannulated Locking Screw	1
72535820	EVOS 5.7mm x 120mm Cannulated Locking Screw	1
72546535	EVOS 6.5mm x 35mm Cannulated Screw	1
72556535	EVOS 6.5mm x 35mm Cannulated Locking Screw	1
72526805	EVOS 6.7mm x 105mm High Torque Screw Fully Threaded	1
72526810	EVOS 6.7mm x 110mm High Torque Screw Fully Threaded	1
EVOS LARGE Targeter Optional Instrument Set - 7141-0294		
7110-1502	1.6mm Drill TIP Wire 150mm	6
71175601	K-wire 2.0mm X 255mm Drill Tip	6
EVOS LARGE Targeter Optional Instrument Set - 7141-0295		
71177718	K-wire 2.0mm X 350mm, Drill Tip	6
EVOS LARGE Targeter Optional Instrument Set - 7141-0296		
71173436	Targeter 4.5mm Base Hole Plug	10
71170759	EVOS LARGE Base Plug Caddy	1

Cat. Item	Description	Qty
EVOS® SMALL Proximal Tibia Targeter Set - 71410-0288		
71177721	EVOS LARGE Targeter Scalpel Handle	1
71177007	EVOS SMALL Targeter 3.5mm Trocar	2
71177680	EVOS SMALL Lateral Proximal Tibia Rafting Screw Guide, Right	1
71177679	EVOS SMALL Lateral Proximal Tibia Rafting Screw Guide, Left	1
71177022	EVOS SMALL Targeter Screw Guide	4
71177006	EVOS SMALL Targeter 2.0mm Locking Guide	2
71177023	EVOS SMALL Targeter 2.5mm Locking Guide	4
71177049	EVOS SMALL Targeter 3.5mm Locking Guide	2
71177047	EVOS SMALL Targeter Removal Tool	1
71177043	EVOS SMALL Targeter 3.5mm Depth Gauge	1
71177041	EVOS SMALL Targeter Locking Post Assembly	2
71177051	EVOS SMALL Targeter 2.5mm Variable Angle Drill Guide	1
71177011	EVOS SMALL Targeter Lateral Proximal Tibia, Left	1
71177012	EVOS SMALL Targeter Lateral Proximal Tibia, Right	1
71177009	EVOS SMALL Targeter Handle Lateral Proximal Tibia, Left	1
71177010	EVOS SMALL Targeter Handle Lateral Proximal Tibia, Right	1
71173547	Cannulated ScrewDriver Handle with AO QC	1
71175068	EVOS SMALL 3.5mm Depth Gauge, Long	1
71177008	EVOS Targeter 2.5mm Tapered Hex Driver Shaft with AO QC	2
71175042	EVOS 2.5mm Variable/ Fixed Angle Drill Guide	1
71173410	4.7mm Removal Hex Driver	1
71177045	EVOS Targeter 2.5mm Linear Hex Driver Shaft with AO QC	2
71170767	EVOS SMALL Targeter Instrument Tray	1
71170766	EVOS SMALL Targeter Instrument Tray Lid	1

Cat. Item	Description	Qty
Implant Set – 7141-2027N		
71175064	Plate Bending Pliers	1
71175075	Recon Plate Bending Pliers	1
71170238	Straight Plate Tray	1
71170239	Straight Plate Tray Lid	1
71170222	Implant Tray	1
71170223	Implant Tray Lid	1
71170224	2.7/3.5mm Screw Caddy	1
71170225	2.7/3.5mm Screw Caddy Lid	1



Cat. Item	Description	Qty
2.7mm Compression Plate		
72440404	4H, 33mm	1
72440406	6H, 50mm	1
72440408	8H, 67mm	1
72440410	10H, 84mm	1
72440415	15H, 127mm*	1
72440418	18H, 153mm*	0
2.7mm Locking Compression Plate		
72440204	4H, 31mm	1
72440206	6H, 46mm	1
72440208	8H, 61mm	1
72440210	10H, 76mm	1
72440215	15H, 113mm	1
72440218	18H, 136mm*	0
2.7mm Recon Plate		
72440304	4H, 33mm	1
72440306	6H, 49mm	1
72440308	8H, 65mm	1
72440310	10H, 81mm	1
72440315	15H, 121mm	0
72440318	18H, 145mm*	0
2.7mm Locking Recon Plate		
72440104	4H, 32mm	1
72440106	6H, 48mm	1
72440108	8H, 64mm	1
72440110	10H, 80mm	1
72440115	15H, 120mm*	0
72440118	18H, 144mm*	0

*Items available in sterile only

Cat. Item	Description	Qty
3.5mm Compression Plate		
72441004	4H, 52mm*	0
72441006	6H, 77mm	1
72441007	7H, 90mm	1
72441008	8H, 102mm	1
72441010	10H, 127mm	1
72441012	12H, 152mm	1
72441014	14H, 177mm	1
72441016	16H, 202mm*	0
72441018	18H, 227mm*	0
72441020	20H, 252mm*	0
3.5mm Locking Compression Plate		
72440704	4H, 47mm*	0
72440706	6H, 70mm	1
72440707	7H, 81mm	1
72440708	8H, 93mm	1
72440710	10H, 116mm	1
72440712	12H, 139mm	1
72440714	14H, 162mm	1
72440716	16H, 185mm*	0
72440718	18H, 208mm*	0
72440720	20H, 231mm*	0
3.5mm Recon Plate		
72440904	4H, 44mm	1
72440906	6H, 66mm	1
72440908	8H, 88mm	1
72440910	10H, 110mm	1
72440912	12H, 132mm*	0
72440914	14H, 154mm*	0
72440916	16H, 176mm*	0
72440918	18H, 198mm*	0
72440920	20H, 220mm*	0
72440922	22H, 242mm*	0
3.5mm Locking Recon Plate		
72440604	4H, 44mm*	0
72440606	6H, 66mm*	0
72440608	8H, 88mm*	0
72440610	10H, 110mm*	0
72440612	12H, 132mm*	0
72440614	14H, 154mm*	0
72440616	16H, 176mm*	0
72440618	18H, 198mm*	0
72440620	20H, 220mm*	0
72440622	22H, 242mm*	0
3.5mm 1/3rd Tubular Plate		
72440802	2H, 22mm*	0
72440804	4H, 46mm*	0
72440806	6H, 70mm	1
72440807	7H, 82mm	1
72440808	8H, 94mm	1
72440810	10H, 118mm	1
72440812	12H, 142mm*	0
3.5mm Locking 1/3rd Tubular Plate		
72440502	2H, 22mm*	0
72440504	4H, 46mm*	0
72440506	6H, 70mm	1
72440507	7H, 82mm	1
72440508	8H, 94mm	1
72440510	10H, 118mm	1
72440512	12H, 142mm*	0

*Items available in sterile only

Cat. Item	Description	Qty
2.7mm Cortex Screws		
72402706*	6mm*	0
72402707*	7mm*	0
72402708*	8mm*	0
72402709*	9mm*	0
72402710	10mm	4
72402711	11mm	4
72402712	12mm	4
72402713	13mm	4
72402714	14mm	4
72402715	15mm	4
72402716	16mm	4
72402717	17mm	4
72402718	18mm	4
72402719	19mm	4
72402720	20mm	4
72402722	22mm	4
72402724	24mm	4
72402726	26mm	4
72402728	28mm	4
72402730	30mm	4
72402732	32mm	4
72402734	34mm	4
72402736	36mm	4
72402738	38mm	4
72402740	40mm	4
72402742	42mm	4
72402744	44mm	4
72402746	46mm	4
72402748	48mm	4
72402750	50mm	2
72402755	55mm	2
72402760	60mm	2
72402765	65mm	2
72402770	70mm	2
72402775	75mm	2
72402780	80mm	2

Cat. Item	Description	Qty
2.7mm Locking Screws		
72412706*	6mm*	0
72412707*	7mm*	0
72412708*	8mm*	0
72412709*	9mm*	0
72412710	10mm	4
72412711	11mm	4
72412712	12mm	4
72412713	13mm	4
72412714	14mm	4
72412715	15mm	4
72412716	16mm	4
72412717	17mm	4
72412718	18mm	4
72412719	19mm	4
72412720	20mm	4
72412722	22mm	4
72412724	24mm	4
72412726	26mm	4
72412728	28mm	4
72412730	30mm	4
72412732	32mm	4
72412734	34mm	4
72412736	36mm	4
72412738	38mm	4
72412740	40mm	4
72412742	42mm	4
72412744	44mm	4
72412746	46mm	4
72412748	48mm	4
72412750	50mm	2
72412755	55mm	2
72412760	60mm	2
72412765	65mm	2
72412770	70mm	2
72412775	75mm	2
72412780	80mm	2

*Items available in sterile only

Cat. Item	Description	Qty
4.0mm Osteopenia Screws, Fully Threaded		
72424010	10mm	2
72424012	12mm	2
72424014	14mm	2
72424016	16mm	2
72424018	18mm	2
72424020	20mm	2
72424022	22mm	2
72424024	24mm	2
72424026	26mm	2
72424028	28mm	2
72424030	30mm	2
72424032	32mm	2
72424034	34mm	2
72424036	36mm	2
72424038	38mm	2
72424040	40mm	2
72424042	42mm	2
72424044	44mm	2
72424046	46mm	2
72424048	48mm	2
72424050	50mm	2
72424055	55mm	2
72424060	60mm	2
72424065	65mm	2
72424070	70mm	2
72424075	75mm	2
72424080	80mm	2

Cat. Item	Description	Qty
4.0mm Osteopenia Screws, Partially Threaded		
72434026	26mm	2
72434028	28mm	2
72434030	30mm	2
72434032	32mm	2
72434034	34mm	2
72434036	36mm	2
72434038	38mm	2
72434040	40mm	2
72434042	42mm	2
72434044	44mm	2
72434046	46mm	2
72434048	48mm	2
72434050	50mm	2
72434055	55mm	2
72434060	60mm	2
72434065	65mm	2
72434070	70mm	2
72434075	75mm	2
72434080	80mm	2

*Items available in sterile only

Cat. Item	Description	Qty
3.5mm Cortex Screws		
72403506*	6mm	0
72403508*	8mm	0
72403510	10mm	6
72403511	11mm	6
72403512	12mm	6
72403513	13mm	6
72403514	14mm	6
72403515	15mm	6
72403516	16mm	6
72403517	17mm	6
72403518	18mm	6
72403519	19mm	6
72403520	20mm	6
72403522	22mm	6
72403524	24mm	6
72403526	26mm	6
72403528	28mm	6
72403530	30mm	6
72403532	32mm	6
72403534	34mm	6
72403536	36mm	6
72403538	38mm	5
72403540	40mm	5
72403542	42mm	5
72403544	44mm	5
72403546	46mm	5
72403548	48mm	5
72403550	50mm	5
72403555	55mm	5
72403560	60mm	5
72403565	65mm	5
72403570	70mm	5
72403575	75mm	5
72403580	80mm	2
72403585	85mm	2
72403590	90mm	2
72403595*	95mm	0
72403600*	100mm	0
72403605*	105mm	0
72403610*	110mm	0

Cat. Item	Description	Qty
3.5mm Locking Screws		
72413508*	8mm	0
72413510	10mm	6
72413511	11mm	6
72413512	12mm	6
72413513	13mm	6
72413514	14mm	6
72413515	15mm	6
72413516	16mm	6
72413517	17mm	6
72413518	18mm	6
72413519	19mm	6
72413520	20mm	6
72413522	22mm	6
72413524	24mm	6
72413526	26mm	6
72413528	28mm	6
72413530	30mm	5
72413532	32mm	5
72413534	34mm	5
72413536	36mm	5
72413538	38mm	5
72413540	40mm	5
72413542	42mm	5
72413544	44mm	5
72413546	46mm	5
72413548	48mm	5
72413550	50mm	5
72413555	55mm	5
72413560	60mm	5
72413565	65mm	5
72413570	70mm	5
72413575	75mm	5
72413580	80mm	2
72413585	85mm	2
72413590	90mm	2
72413595*	95mm	0
72413600*	100mm	0
72413605*	105mm	0
72413610*	110mm	0

*Items available in sterile only

Cat. Item	Description	Qty
4.7mm Osteopenia Screws, Fully Threaded		
72424710	10mm	2
72424712	12mm	2
72424714	14mm	2
72424716	16mm	2
72424718	18mm	2
72424720	20mm	2
72424722	22mm	2
72424724	24mm	2
72424726	26mm	2
72424728	28mm	2
72424730	30mm	2
72424732	32mm	2
72424734	34mm	2
72424736	36mm	2
72424738	38mm	2
72424740	40mm	2
72424742	42mm	2
72424744	44mm	2
72424746	46mm	2
72424748	48mm	2
72424750	50mm	2
72424755	55mm	2
72424760	60mm	2
72424765	65mm	2
72424770	70mm	2
72424775	75mm	2
72424780	80mm	2
72424785	85mm	2
72424790	90mm	2
72424795*	95mm	0
72424800*	100mm	0
72424805*	105mm	0
72424810*	110mm	0
4.7mm Osteopenia Screws, Partially Threaded		
72434726	26mm	2
72434728	28mm	2
72434730	30mm	2
72434732	32mm	2
72434734	34mm	2
72434736	36mm	2
72434738	38mm	2
72434740	40mm	2
72434742	42mm	2
72434744	44mm	2
72434746	46mm	2
72434748	48mm	2
72434750	50mm	2
72434755	55mm	2
72434760	60mm	2
72434765	65mm	2
72434770	70mm	2
72434775	75mm	2
72434780	80mm	2
72434785	85mm	2
72434790	90mm	2
72434795*	95mm	0
72434800*	100mm	0
72434805*	105mm	0
72434810*	110mm	0

Cat. Item	Description	Qty
Washer		
72442127	Washer for 2.7mm Screws	6
72442227	Double Washer for 2.7mm Screws	3
72442135	Washer for 3.5mm Screws	6
72442235	Double Washer for 3.5mm Screws	3

*Items available in sterile only

Cat. Item	Description	Qty
EVOS® SMALL Proximal Tibia Set Disposables - 7141-0318		
71177020	EVOS SMALL Targeter 2.5mm Provisional Fixation Pin, 14mm	2
71177021	EVOS SMALL Targeter 2.5mm Provisional Fixation Pin, 40mm	2
71177039	EVOS SMALL Targeter 2.5mm Provisional Fixation Pin, 60mm	2
71177019	EVOS SMALL Targeter 2.5mm Drill with AO QC	2
71177048	EVOS SMALL Targeter 3.5mm Overdrill with AO QC	2
71177044	EVOS SMALL Targeter 3.5mm Tap	1
71175600	K-wire 2.0mm x 255mm Trocar Tip	6
EVOS SMALL Proximal Tibia Optional Set - 7141-0289		
71170759	EVOS Targeter Base Plug Caddy	6
71177046	EVOS SMALL Targeter Plug	10
EVOS SMALL Proximal Tibia Optional Disposable Set - 7141-0297		
71175601	K-wire 2.0mm x 255mm Drill Tip	6

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