



ZIMMER BIOMET
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A.L.P.S. mvX® Proximal Tibia System

Surgical Technique



A.L.P.S. mvX[®] Proximal Tibia System

Surgical Technique

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Indications and Contraindications

Intended Use

The intended use of the Zimmer Biomet A.L.P.S. mvX® Proximal Tibia System is to bridge or otherwise stabilize bone fragments to facilitate healing.

NOTE: This surgical technique alone does not provide sufficient background for direct use of the instrument and implant set. Instruction by a surgeon experienced in handling these instruments is highly recommended.

For safe and effective use of this implant system, the surgeon should be familiar with this recommended surgical technique for the device that has been chosen from the system.

In every case, accepted surgical practice should be followed in postoperative care and the patient should be made aware about the devices and the allowed activities with these implants.

Contraindications

Contraindications include:

- Active infection and inflammation.

Patient conditions including blood supply limitations, obesity and insufficient quantity or quality of bone.

- Patients with mental or neurologic conditions who are unwilling or incapable of following postoperative care instructions.
- Foreign body sensitivity. If material sensitivity is suspected, testing is required prior to implanting the device.

Indications

Indications for Use	Plate Type
Proximal Tibia System - Complete Articular The Zimmer Biomet A.L.P.S. mvX Proximal Tibia System is indicated for the treatment of nonunions, malunions, osteotomies, and fractures of the femur and tibia. This includes simple comminuted, lateral wedge, depression, medial wedge, bicondylar combination of lateral wedge and depression, diaphyseal, metaphyseal, epiphyseal, extra- and intra-articular fractures, periprosthetic, and fractures with associated shaft fractures.	• 6-20H Lateral Plates • 6-20H Narrow Lateral Plates
Proximal Tibia System - Partial Articular The Zimmer Biomet A.L.P.S. mvX Proximal Tibia System partial articular (also called buttress or anti-glide) plates are indicated for stabilization and reduction of proximal tibia fragments and treatment of partial articular fractures of the proximal tibia (AO/OTA Fracture Classifications Type B).	• 4H Lateral Plate • 4H Narrow Lateral Plate • Medial Plates (Posteromedial, Direct Medial, and Anteromedial)
Proximal Tibia System - Mini Frag The Zimmer Biomet A.L.P.S. mvX Proximal Tibia System is indicated for fixation of fractures, osteotomies, non-unions, replantations, and fusions of short bones and small bone fragments of bone, including, but not limited to, the hand, wrist, foot, and ankle. The Zimmer Biomet A.L.P.S. mvX Proximal Tibia System is also intended for reduction and stabilization of non-load bearing long bone fragments. The Zimmer Biomet A.L.P.S. mvX Proximal Tibia System is not for spinal use.	• Double Ended Tine Plate

Warnings and Risks

The implants are designed for single patient use only and must never be reused. As with all other orthopedic implants, the Zimmer Biomet components should never be re-implanted under any circumstances.

The implants can become loose or break if subjected to increased loading. Factors such as the patient's weight, activity level and adherence to weight-bearing or load-bearing instructions can affect the implant's longevity. Damage to the weight-bearing bone structures caused by infection can give rise to loosening of the components and/or fracture of the bone.

Serious post-operative complications may occur from the implant in a patient who lacks good general physical condition, has severe osteoporosis, demonstrates physiological or anatomical anomalies, has immunological responses, sensitization, or hypersensitivity to foreign materials, or has systemic or metabolic disorders

These warnings do not include all adverse effects which could occur with surgery, but are important considerations specific to metallic devices. The risks associated with orthopedic surgery, general surgery and the use of general anesthesia should be explained to the patient prior to surgery.

The implantation of the A.L.P.S. mvX Proximal Tibia System should be performed only by experienced surgeons with specific training in the use of this system because this is a technically demanding procedure presenting a risk of serious injury to the patient.

Under no circumstances should damaged components or surgically excised components be used. Implants that have already been in contact with body fluids or body tissues must not be re-sterilized. The Zimmer Biomet A.L.P.S. mvX Proximal Tibia System should never be used with dissimilar materials.

Preoperative assessment of the suitability of the patient's anatomy for accepting implants is made on the basis of X-rays, CT scans and other radiological studies.

Only patients that meet the criteria described in the Indications for Use section should be selected. Correct selection of the implant is extremely important. The morbidity as well as patient weight height, occupation and/or degree of physical activity should be considered.

Proper implant handling before and during the operation is crucial. Handle the implant components properly. Ensure packaging integrity. Do not allow the implants surfaces to be damaged.

Adequately instruct the patient. The physician should inform the patient about orthopedic implant advantages and disadvantages, post-operative limitations, weight/load bearing stresses which could affect bone healing, implant limitations, and the fact that premature physical activity and full weight/load bearing stresses have been implicated in premature loosening, damage and/or fracture of orthopedic prostheses.

Comprehensive Proximal Tibia Fracture Care in One System

The A.L.P.S. mvX Proximal Tibia System is designed as the core system for the future of proximal tibia fracture plating, allowing for a single, cohesive platform across all proximal tibia fracture applications.

Six plating families provide thirty-four plate options for accurate anatomic solutions for the full spectrum of proximal tibia fractures, while leveraging the core mvX screw and instrument case creates a versatile solution for streamlined management and enhanced efficiency making the A.L.P.S. mvX Proximal Tibia System the ideal comprehensive proximal tibia trauma solution.



Plate Families

Plate Family Name	Offerings
 Lateral Proximal Tibia	4-hole, 6-hole, 8-hole, 12-hole, 16-hole, and 20-hole plates Right and Left plates
 Narrow Lateral Proximal Tibia	4-hole, and 6-hole plates Right and Left plates
 Double Ended Tine	5-hole, and 8-hole plates Bilateral

Plate Family Name	Offerings
 Direct Medial Proximal Tibia	5-hole, 7-hole, 9-hole, and 11-hole plates Right and Left plates
 Posteromedial Proximal Tibia	5-hole, and 9-hole plates Right and Left plates
 Anteromedial Proximal Tibia	5-hole, and 9-hole plates Right and Left plates

Lateral Plates



The Lateral Proximal Tibia Plates are available in 4-, 6-, 8-, 12-, 16-, and 20-hole options and have a 4-hole proximal row. The plate is designed for the proximal row of screws to sit as close to the joint as possible.

Plate Lengths

4-hole: 72mm

6-hole: 98mm

8-hole: 124mm

12-hole: 176mm

16-hole: 228mm

20-hole: 280mm

Plate Thickness

4-hole: 2.8mm

6-20-hole: 3.8mm

Design Features

13mm spacing between shaft holes distal to kickstand screw holes

All screw holes are compatible with all locking and non-locking A.L.P.S. mvX Core Tray screws (2.7, 3.5, 4.0mm)

2.0mm K-wire holes for provisional fixation: 3 in proximal row, 3 in head of plate, 1 mid-shaft, and 1 at the distal end

Proximal k-wire holes can be used to pass sutures for soft tissue repair

Tapered distal end for easy insertion

Narrow Lateral Plates



The Narrow Lateral Proximal Tibia Plates are available in 4- and 6-hole options and have a 3-hole proximal row. The plate is designed with a more narrow head for variable patient anatomy. The plate is designed for the proximal row of screws to sit as close to the joint as possible.

Plate Lengths

4-hole: 72mm

6-hole: 98mm

Plate Thickness

4-hole: 2.8mm

6-hole: 3.8mm

Design Features

13mm spacing between shaft holes distal to kickstand screw holes

All screw holes are compatible with all locking and non-locking A.L.P.S. mvX Core Tray screws (2.7, 3.5, 4.0mm)

2.0mm K-wire holes for provisional fixation: 3 in proximal row, 3 in head of plate, 1 mid-shaft, and 1 at the distal end

Proximal k-wire holes can be used to pass sutures for soft tissue repair

Tapered distal end for easy insertion

Direct Medial Plates



The Direct Medial Proximal Tibia Plates are available in 5-, 7-, 9-, and 11-hole options. The plate is designed for AO/OTA Fracture Classifications Type B.

Plate Lengths

5-hole: 85mm

7-hole: 111mm

9-hole: 137mm

11-hole: 163mm

Plate Thickness

2.5mm

Design Features

13mm spacing between shaft holes distal to key slot

All screw holes are compatible with all locking and non-locking A.L.P.S. mvX Core Tray screws (2.7, 3.5, 4.0mm)

Key slot in the shaft designed for k-wire to allow for flexibility in positioning

2.0mm K-wire holes for provisional fixation: 1 in head of plate, 1 mid-shaft, and 1 at the distal end

Screw slot in the head of the plate for versatility in execution
- can be used for a non-locking screw, to allow for precise anatomic contouring to the bone, or for a bone graft

Tapered distal end for easy insertion

Anteromedial Plates

The Anteromedial Proximal Tibia Plates are available in 5- and 9-hole options. The plate is designed for AO/OTA Fracture Classifications Type B.

Plate Lengths

5-hole: 89mm

9-hole: 140mm

Plate Thickness

2.5mm

Design Features

13mm spacing between shaft holes distal to key slot

All screw holes are compatible with all locking and non-locking A.L.P.S. mvX Core Tray screws (2.7, 3.5, 4.0mm)

Key slot in the shaft designed for k-wire to allow for flexibility in positioning

2.0mm K-wire holes for provisional fixation: 2 in head of plate, 1 mid-shaft, and 1 at the distal end

Proximal k-wire holes can be used to pass sutures for soft tissue repair

Tapered distal end for easy insertion



Posteromedial Plates

The Posteromedial Proximal Tibia Plates are available in 5- and 9-hole options. The plate is designed for AO/OTA Fracture Classifications Type B.

Plate Lengths

5-hole: 81mm

9-hole: 133mm

Plate Thickness

2.8mm

Design Features

12-13mm spacing between shaft holes

All screw holes are compatible with all locking and non-locking A.L.P.S. mvX Core Tray screws (2.7, 3.5, 4.0mm)

Oblong slot in the shaft designed for a screw to allow for flexibility in positioning

2.0mm K-wire holes for provisional fixation: 1 in head of plate, 1 mid-shaft, and 1 at the distal end

Tapered distal end for easy insertion



Double Ended Tine Plates

The Double Ended Tine Plates are available in 5- and 8-hole options.

Plate Lengths

5-hole: 40mm

8-hole: 64mm

Plate Thickness

1.4mm

Design Features

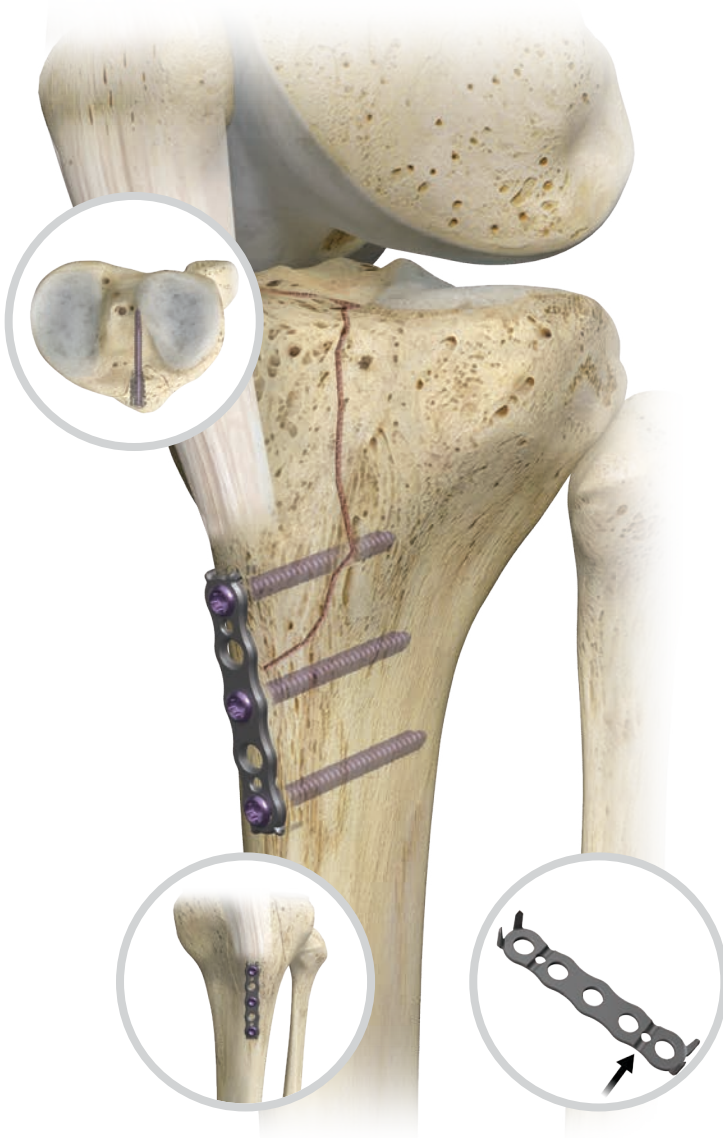
Tine length - 6mm from the top of the plate to the tip of the tine

Suture channels on under side of plate to pass sutures for soft tissue repair

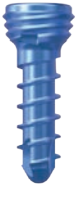
8mm spacing between holes

All screw holes are compatible with all locking and non-locking A.L.P.S. mvX Core Tray screws (2.7, 3.5, 4.0mm)

2.0mm K-wire holes for provisional fixation: 1 at the proximal end, and 1 at the distal end



Screw Options

SCREW DIAMETER	2.7mm Screws	3.5mm Screws	4.0mm Screws
	NON-LOCKING  LOCKING 	NON-LOCKING  LOCKING 	NON-LOCKING 
THREAD DIAMETER	2.7mm	3.5mm	4.0mm
DRILL	2.0mm	2.5mm	2.5mm
DRIVER	T15	T15	T15
SCREW LENGTH	10-50 (2mm increments) 55-100 (5mm increments)	10-50 (2mm increments) 55-100 (5mm increments)	10-50 (2mm increments) 55-100 (5mm increments)

The A.L.P.S. mvX Proximal Tibia System utilizes low-profile non-locking screws along with variable angle locking screws. The variable angle locking screws, which are available in 2.7 and 3.5mm diameters, provide a 30° cone of angulation allowing for flexibility in achieving optimal screw placement while minimizing soft tissue irritation. The locking screws are designed to withstand up to three insertions without damaging the integrity of the locking mechanism, giving surgeons peace of mind and intraoperative adaptability.



Screw Options

Screw Size	Drill	Drill Guide Options	Depth Gauge	Driver	Countersink
2.7mm	2.0MM CALIBRATED DRILL BIT (770900020)	2.0MM THREAD IN/FIXED ANGLE DRILL GUIDE (770900320) 2.0MM FIXED ANGLE/ VA DOUBLE DRILL GUIDE (770006270)	2.7/3.5/4.0MM DEPTH GAUGE (770009270)	T15 RETENTION DRIVER LONG (770001151)	2.7/3.5/4.0MM COUNTERSINK (770008270)
3.5mm	2.5MM CALIBRATED DRILL BIT (770900025)	2.5MM THREAD IN/FIXED ANGLE DRILL GUIDE (770900325) 2.5MM FIXED ANGLE/ VA DOUBLE DRILL GUIDE (770006350)	2.7/3.5/4.0MM DEPTH GAUGE (7709009270)	T15 RETENTION DRIVER LONG (770001151)	2.7/3.5/4.0MM COUNTERSINK (770008270)
4.0mm	2.5MM CALIBRATED DRILL BIT (770900025)	2.5MM THREAD IN/FIXED ANGLE DRILL GUIDE (770900325) 2.5MM FIXED ANGLE/ VA DOUBLE DRILL GUIDE (770006350)	2.7/3.5/4.0MM DEPTH GAUGE (770009270)	T15 RETENTION DRIVER LONG (770001151)	2.7/3.5/4.0MM COUNTERSINK (770008270)

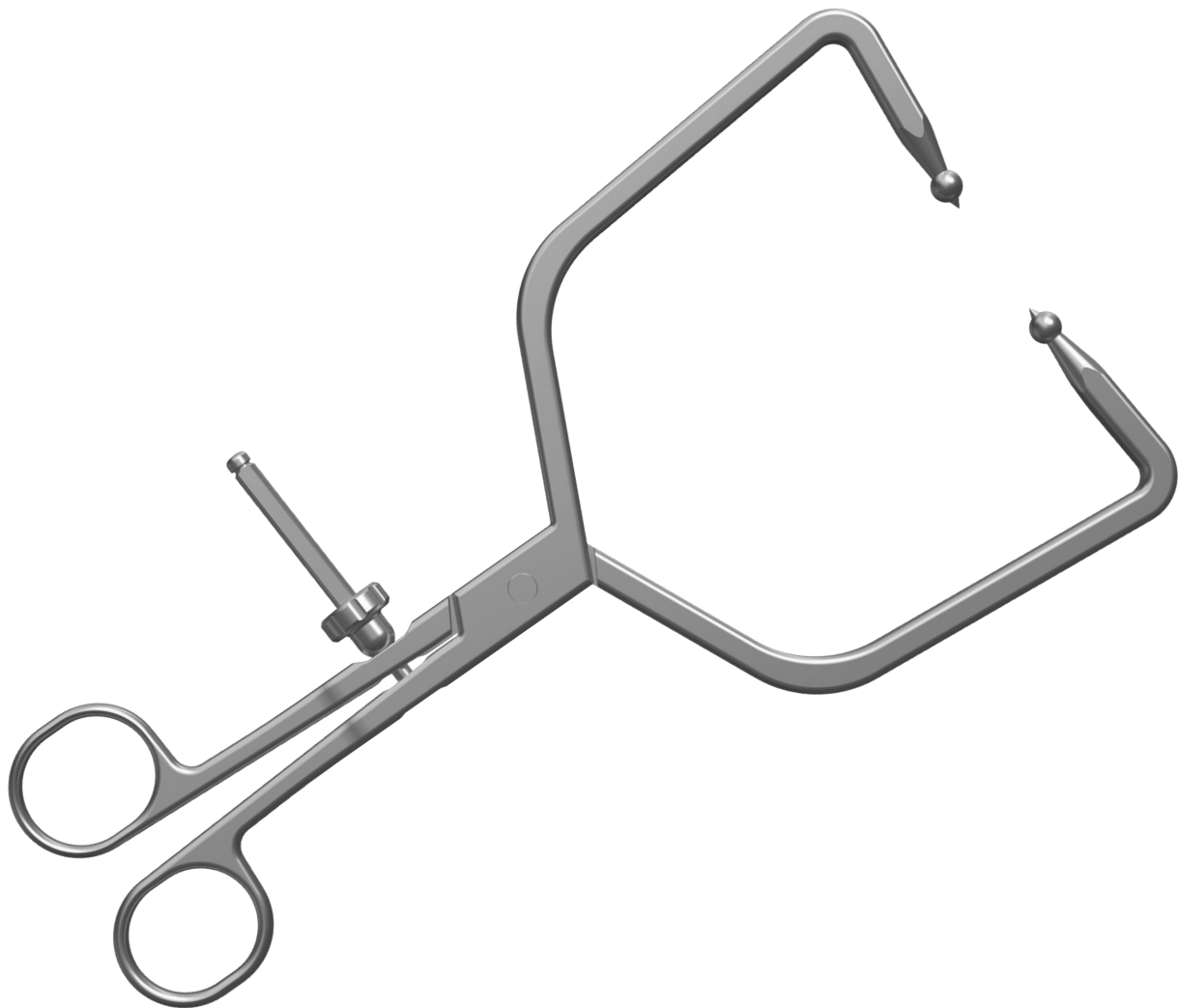
Table 1: Screw Family Instruments

Featured System Instrumentation

A.L.P.S. mvX offers user-friendly instrumentation designed to simplify surgical workflow.

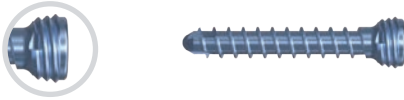
Periarticular Proximal Tibia Clamp

The Periarticular Clamp is used to hold and position bone fragments.



Screw Instrumentation

2.7mm Screw Instruments - Color-coded in Blue

	770270xxx	2.7mm Screws, Non-Locking
	770271xxx	2.7mm Screws, Locking
	770900020	2.0mm Calibrated Drill Bit
	770006270	2.0mm Fixed Angle/VA Double Drill Guide
	770900320	2.0mm Solid Thread in/Fixed Angle Drill Guide
	770009270	2.7/3.5/4.0mm Depth Gauge
	770009271	2.7/3.5/4.0mm Depth Gauge (60mm)
	770001151	T15 Retention Driver Long
	770008270	2.7/3.5/4.0mm Countersink
	770900270	2.7mm Screw Thread Tap

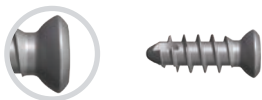
Screw Instrumentation

3.5mm Screw Instruments - Color-coded in Purple

	770350xxx	3.5mm Screws, Non-Locking
	770351xxx	3.5mm Screws, Locking
	770900025	2.5mm Calibrated Drill Bit
	770006350	2.5mm Fixed Angle/VA Double Drill Guide
	770900325	2.5mm Solid Thread/in Fixed Angle Drill Guide
	770009270	2.7/3.5/4.0mm Depth Gauge
	770009271	2.7/3.5/4.0mm Depth Gauge (60mm)
	770001151	T15 Retention Driver Long
	770008270	2.7/3.5/4.0mm Countersink
	770900350	3.5mm Screw Thread Tap

Screw Instrumentation

4.0mm Screw Instruments - Color-coded in Silver

	77040xxx	4.0mm Screws, Non-Locking
	770900025	2.5mm Calibrated Drill Bit
	770006350	2.5mm Fixed Angle/VA Double Drill Guide
	770900325	2.5mm Solid Thread in/Fixed Angle Drill Guide
	770009270	2.7/3.5/4.0mm Depth Gauge
	770009271	2.7/3.5/4.0mm Depth Gauge (60mm)
	770001151	T15 Retention Driver Long
	770008270	2.7/3.5/4.0mm Countersink
	770900400	4.0mm Screw Thread Tap

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Surgical Approaches

The following surgical approaches are commonly used for the insertion of lateral and medial proximal tibia plates. The appropriate approach should be chosen by the surgeon based on preference, patient anatomy, and fracture characteristics.

Position the patient supine on a fluoroscopic table with the C-arm on the opposite side of the fractured extremity. Knee rolls or bumps can be used to aid in positioning. The flexion-extension of the distal fragment can be adjusted by moving the bumps proximally or distally under the calf (Figure 1).

Lateral Proximal Tibia

A standard lateral or anterolateral approach may be used for the Lateral and Narrow Lateral Plates (Figure 2).

Medial Proximal Tibia

A standard medial or posteromedial approach may be used for the Direct Medial, Posteromedial, and Anteromedial Plates (Figure 3). Care should be taken to protect the saphenous vein and nerve.

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Exposure and Fracture Reduction

Make an incision per surgeon preference. Carefully dissect soft tissue to expose the fracture site.

Consider temporarily fixing the bone in place using the surgeon's preferred method, such as reduction clamps, k-wires, plate tacks, or temporary screws. Ensure correct bone positioning in terms of length, rotation, and alignment. Use fluoroscopy to validate the reduction (Figure 4).

5



Plate Selection

Choose the applicable plate that corresponds to the fracture's characteristics and the patient's anatomy based on surgeon discretion. Plates can be bent to cater to specific requirements. Confirm the plate's optimal position on the bone using either fluoroscopy or by feeling the plate's relation to bone landmarks (Figure 5).

6



Plate Placement and Provisional Fixation

A k-wire can be placed through the k-wire holes in the plate to assist in plate placement. The plate may be moved along the tibia until correct anatomic placement is made and an additional k-wire or plate tack may be used to hold the plate in preparation for screw placement (Figure 6).

Surgical Technique

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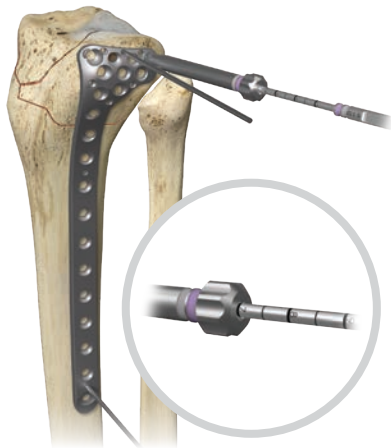


Drill Screw Holes for Screw Placement

Select a screw hole to insert the first screw and identify the appropriate screw for fixation. Determine the combination of screws to be used for fixation. If a combination of locking and non-locking screws will be used, non-locking cortical screws should be inserted first to ensure the plate has appropriate bone contact.

Thread the 2.0mm or 2.5mm Drill Guide (770900320 or 770900325) into the locking hole (Figure 7). Drill to the appropriate depth using the appropriately sized drill and drill guide combination for the selected screw (Table 1, pg 8).

8



Measure Screw Length Using Calibrated Drill Bit

Measure for required screw length off of the drill guide using the 2.0mm or 2.5mm Calibrated Drill Bit (770900020 or 770900025) (Figure 8).

9



Measure Screw Length Using Depth Gauge

When using the 2.0/2.7mm Fixed Angle/VA Double Drill Guide (770006270) or the 2.5mm Fixed Angle/VA Double Drill Guide (770006350), the 2.7/3.5/4.0mm Depth Gauge (770009270) should be used to measure for screw length (Figure 9).

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Insert Screws

Select and insert the appropriate length screw until fully seated (indicated by an increase in resistance) using the T15 Retention Driver Long (770001151) (Figure 10). Utilize the necessary number of screws to secure the plate.

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Closure

Confirm the reduction and plate and screw placement using fluoroscopy (Figure 11). Irrigate the wound. Close the subcutaneous tissue and musculature in separate layers. Close the skin and dress the wound.

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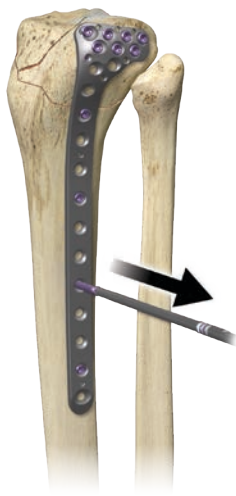


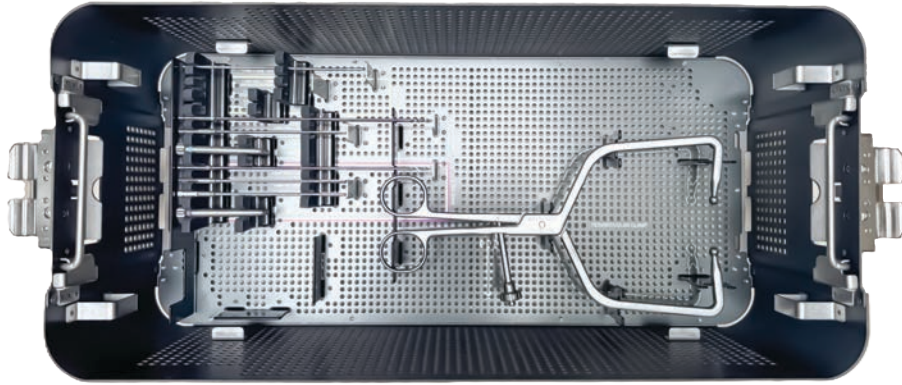
Plate Removal

To remove any of the plates, use the T15 Retention Driver Long (770001151). To disengage locking screws from the plate, engage the driver in the screw hexalobe recess and rotate counter-clockwise until screw is fully disengaged from the plate (Figure 12). Once all screws are removed from the construct, remove the plate from the bone.

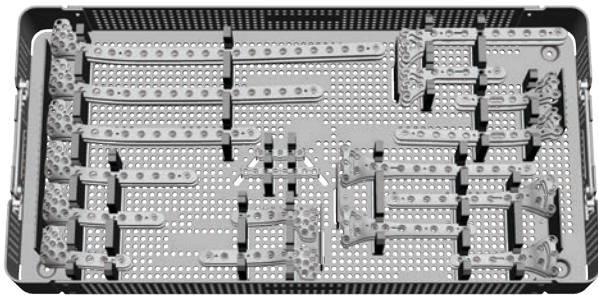
Proximal Tibia and Core Set

➤ **Tray Layouts**

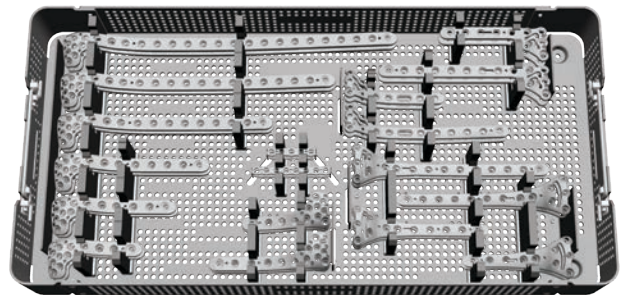
A.L.P.S. mvX Proximal Tibia Tray



A.L.P.S. mvX Proximal Tibia Outer Case



A.L.P.S. mvX Proximal Tibia Plate Tray Left

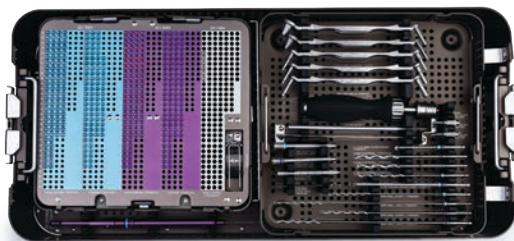


A.L.P.S. mvX Proximal Tibia Plate Tray Right

A.L.P.S. mvX Core Tray



A.L.P.S. mvX Core Tray



A.L.P.S. mvX Core Outer Case



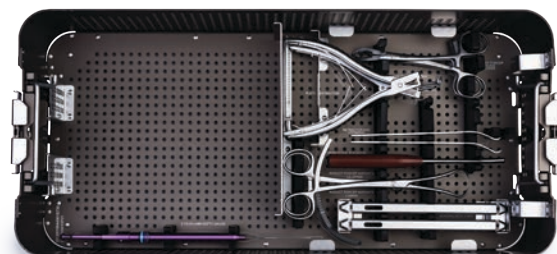
A.L.P.S. mvX Core Screw Caddy



A.L.P.S. mvX Core Instrument Tray 1



A.L.P.S. mvX Core Instrument Tray 2



A.L.P.S. mvX Core Bottom Tray

Proximal Tibia and Core Set

➤ **Ordering Information**

Ordering Information

Lateral Proximal Tibia Plates

Part#	Description
770726041	Lateral Prox Tibia Plate 4H LT
770726042	Lateral Prox Tibia Plate 4H RT
770726061	Lateral Prox Tibia Plate 6H LT
770726062	Lateral Prox Tibia Plate 6H RT
770726081	Lateral Prox Tibia Plate 8H LT
770726082	Lateral Prox Tibia Plate 8H RT
770726121	Lateral Prox Tibia Plate 12H LT
770726122	Lateral Prox Tibia Plate 12H RT
770726161	Lateral Prox Tibia Plate 16H LT
770726162	Lateral Prox Tibia Plate 16H RT
770726201	Lateral Prox Tibia Plate 20H LT
770726202	Lateral Prox Tibia Plate 20H RT

Narrow Lateral Proximal Tibia Plates

Part#	Description
770728041	Narrow Lateral Prox Tibia Plate 4H LT
770728042	Narrow Lateral Prox Tibia Plate 4H RT
770728061	Narrow Lateral Prox Tibia Plate 6H LT
770728062	Narrow Lateral Prox Tibia Plate 6H RT

Double Ended Tine Plates

Part#	Description
770727050	Double Ended Tine Plate 5H
770727080	Double Ended Tine Plate 8H

Direct Medial Proximal Tibia Plates

Part#	Description
770723051	Direct Medial Prox Tibia Plate 5H LT
770723052	Direct Medial Prox Tibia Plate 5H RT
770723071	Direct Medial Prox Tibia Plate 7H LT
770723072	Direct Medial Prox Tibia Plate 7H RT
770723091	Direct Medial Prox Tibia Plate 9H LT
770723092	Direct Medial Prox Tibia Plate 9H RT
770723111	Direct Medial Prox Tibia Plate 11H LT
770723112	Direct Medial Prox Tibia Plate 11H RT

Posteromedial Proximal Tibia Plates

Part#	Description
770724051	Posteromedial Prox Tibia Plate 5H LT
770724052	Posteromedial Prox Tibia Plate 5H RT
770724091	Posteromedial Prox Tibia Plate 9H LT
770724092	Posteromedial Prox Tibia Plate 9H RT

Anteromedial Proximal Tibia Plates

Part#	Description
770725051	Anteromedial Prox Tibia Plate 5H LT
770725052	Anteromedial Prox Tibia Plate 5H RT
770725091	Anteromedial Prox Tibia Plate 9H LT
770725092	Anteromedial Prox Tibia Plate 9H RT

Ordering Information

2.7 mm Locking Screws

Part#	Description
770271010	2.7mm Locking MDS 10mm
770271012	2.7mm Locking MDS 12mm
770271014	2.7mm Locking MDS 14mm
770271016	2.7mm Locking MDS 16mm
770271018	2.7mm Locking MDS 18mm
770271020	2.7mm Locking MDS 20mm
770271022	2.7mm Locking MDS 22mm
770271024	2.7mm Locking MDS 24mm
770271026	2.7mm Locking MDS 26mm
770271028	2.7mm Locking MDS 28mm
770271030	2.7mm Locking MDS 30mm
770271032	2.7mm Locking MDS 32mm
770271034	2.7mm Locking MDS 34mm
770271036	2.7mm Locking MDS 36mm
770271038	2.7mm Locking MDS 38mm
770271040	2.7mm Locking MDS 40mm
770271042	2.7mm Locking MDS 42mm
770271044	2.7mm Locking MDS 44mm
770271046	2.7mm Locking MDS 46mm
770271048	2.7mm Locking MDS 48mm
770271050	2.7mm Locking MDS 50mm
770271055	2.7mm Locking MDS 55mm
770271060	2.7mm Locking MDS 60mm

2.7 mm Locking Screws

Part#	Description
770271065	2.7mm Locking MDS 65mm
770271070	2.7mm Locking MDS 70mm
770271075	2.7mm Locking MDS 75mm
770271080	2.7mm Locking MDS 80mm
770271085	2.7mm Locking MDS 85mm
770271090	2.7mm Locking MDS 90mm
770271095	2.7mm Locking MDS 95mm
770271100	2.7mm Locking MDS 100mm

Ordering Information

2.7 mm Non-Locking Screws

Part#	Description
770270010	2.7mm Non-Locking Screw 10mm
770270012	2.7mm Non-Locking Screw 12mm
770270014	2.7mm Non-Locking Screw 14mm
770270016	2.7mm Non-Locking Screw 16mm
770270018	2.7mm Non-Locking Screw 18mm
770270020	2.7mm Non-Locking Screw 20mm
770270022	2.7mm Non-Locking Screw 22mm
770270024	2.7mm Non-Locking Screw 24mm
770270026	2.7mm Non-Locking Screw 26mm
770270028	2.7mm Non-Locking Screw 28mm
770270030	2.7mm Non-Locking Screw 30mm
770270032	2.7mm Non-Locking Screw 32mm
770270034	2.7mm Non-Locking Screw 34mm
770270036	2.7mm Non-Locking Screw 36mm
770270038	2.7mm Non-Locking Screw 38mm
770270040	2.7mm Non-Locking Screw 40mm
770270042	2.7mm Non-Locking Screw 42mm
770270044	2.7mm Non-Locking Screw 44mm
770270046	2.7mm Non-Locking Screw 46mm
770270048	2.7mm Non-Locking Screw 48mm
770270050	2.7mm Non-Locking Screw 50mm
770270055	2.7mm Non-Locking Screw 55mm
770270060	2.7mm Non-Locking Screw 60mm

2.7 mm Non-Locking Screws

Part#	Description
770270065	2.7mm Non-Locking Screw 65mm
770270070	2.7mm Non-Locking Screw 70mm
770270075	2.7mm Non-Locking Screw 75mm
770270080	2.7mm Non-Locking Screw 80mm
770270085	2.7mm Non-Locking Screw 85mm
770270090	2.7mm Non-Locking Screw 90mm
770270095	2.7mm Non-Locking Screw 95mm
770270100	2.7mm Non-Locking Screw 100mm

Ordering Information

3.5 mm Locking Screws

Part#	Description
770351010	3.5mm Locking MDS 10mm
770351012	3.5mm Locking MDS 12mm
770351014	3.5mm Locking MDS 14mm
770351016	3.5mm Locking MDS 16mm
770351018	3.5mm Locking MDS 18mm
770351020	3.5mm Locking MDS 20mm
770351022	3.5mm Locking MDS 22mm
770351024	3.5mm Locking MDS 24mm
770351026	3.5mm Locking MDS 26mm
770351028	3.5mm Locking MDS 28mm
770351030	3.5mm Locking MDS 30mm
770351032	3.5mm Locking MDS 32mm
770351034	3.5mm Locking MDS 34mm
770351036	3.5mm Locking MDS 36mm
770351038	3.5mm Locking MDS 38mm
770351040	3.5mm Locking MDS 40mm
770351042	3.5mm Locking MDS 42mm
770351044	3.5mm Locking MDS 44mm
770351046	3.5mm Locking MDS 46mm
770351048	3.5mm Locking MDS 48mm
770351050	3.5mm Locking MDS 50mm
770351055	3.5mm Locking MDS 55mm
770351060	3.5mm Locking MDS 60mm

3.5 mm Locking Screws

Part#	Description
770351065	3.5mm Locking MDS 65mm
770351070	3.5mm Locking MDS 70mm
770351075	3.5mm Locking MDS 75mm
770351080	3.5mm Locking MDS 80mm
770351085	3.5mm Locking MDS 85mm
770351090	3.5mm Locking MDS 90mm
770351095	3.5mm Locking MDS 95mm
770351100	3.5mm Locking MDS 100mm

Ordering Information

3.5 mm Non-Locking Screws

Part#	Description
770350010	3.5mm Non-Locking Screw 10mm
770350012	3.5mm Non-Locking Screw 12mm
770350014	3.5mm Non-Locking Screw 14mm
770350016	3.5mm Non-Locking Screw 16mm
770350018	3.5mm Non-Locking Screw 18mm
770350020	3.5mm Non-Locking Screw 20mm
770350022	3.5mm Non-Locking Screw 22mm
770350024	3.5mm Non-Locking Screw 24mm
770350026	3.5mm Non-Locking Screw 26mm
770350028	3.5mm Non-Locking Screw 28mm
770350030	3.5mm Non-Locking Screw 30mm
770350032	3.5mm Non-Locking Screw 32mm
770350034	3.5mm Non-Locking Screw 34mm
770350036	3.5mm Non-Locking Screw 36mm
770350038	3.5mm Non-Locking Screw 38mm
770350040	3.5mm Non-Locking Screw 40mm
770350042	3.5mm Non-Locking Screw 42mm
770350044	3.5mm Non-Locking Screw 44mm
770350046	3.5mm Non-Locking Screw 46mm
770350048	3.5mm Non-Locking Screw 48mm
770350050	3.5mm Non-Locking Screw 50mm
770350055	3.5mm Non-Locking Screw 55mm
770350060	3.5mm Non-Locking Screw 60mm

3.5 mm Non-Locking Screws

Part#	Description
770350065	3.5mm Non-Locking Screw 65mm
770350070	3.5mm Non-Locking Screw 70mm
770350075	3.5mm Non-Locking Screw 75mm
770350080	3.5mm Non-Locking Screw 80mm
770350085	3.5mm Non-Locking Screw 85mm
770350090	3.5mm Non-Locking Screw 90mm
770350095	3.5mm Non-Locking Screw 95mm
770350100	3.5mm Non-Locking Screw 100mm

Ordering Information

4.0 mm Non-Locking Screws

Part#	Description
770400010	4.0mm Non-Locking Screw 10mm
770400012	4.0mm Non-Locking Screw 12mm
770400014	4.0mm Non-Locking Screw 14mm
770400016	4.0mm Non-Locking Screw 16mm
770400018	4.0mm Non-Locking Screw 18mm
770400020	4.0mm Non-Locking Screw 20mm
770400022	4.0mm Non-Locking Screw 22mm
770400024	4.0mm Non-Locking Screw 24mm
770400026	4.0mm Non-Locking Screw 26mm
770400028	4.0mm Non-Locking Screw 28mm
770400030	4.0mm Non-Locking Screw 30mm
770400032	4.0mm Non-Locking Screw 32mm
770400034	4.0mm Non-Locking Screw 34mm
770400036	4.0mm Non-Locking Screw 36mm
770400038	4.0mm Non-Locking Screw 38mm
770400040	4.0mm Non-Locking Screw 40mm
770400042	4.0mm Non-Locking Screw 42mm
770400044	4.0mm Non-Locking Screw 44mm
770400046	4.0mm Non-Locking Screw 46mm
770400048	4.0mm Non-Locking Screw 48mm
770400050	4.0mm Non-Locking Screw 50mm
770400055	4.0mm Non-Locking Screw 55mm
770400060	4.0mm Non-Locking Screw 60mm

4.0 mm Non-Locking Screws

Part#	Description
770400065	4.0mm Non-Locking Screw 65mm
770400070	4.0mm Non-Locking Screw 70mm
770400075	4.0mm Non-Locking Screw 75mm
770400080	4.0mm Non-Locking Screw 80mm
770400085	4.0mm Non-Locking Screw 85mm
770400090	4.0mm Non-Locking Screw 90mm
770400095	4.0mm Non-Locking Screw 95mm
770400100	4.0mm Non-Locking Screw 100mm

Ordering Information

A.L.P.S. mvX Proximal Tibia Instruments

Part#	Description
770900010	Periarticular Prox Tibia Clamp
770900320	2.0mm Solid Thread-in/Fixed Angle Drill Guide
770900325	2.5mm Solid Thread-in/Fixed Angle Drill Guide

A.L.P.S. mvX Proximal Tibia Disposables

Part#	Description
770900020	2.0mm Calibrated Drill Bit
770900025	2.5mm Calibrated Drill Bit
770900270	2.7mm Screw Thread Tap
770900350	3.5mm Screw Thread Tap
770900400	4.0mm Screw Thread Tap
KW20SS	2.0mm K-wire, 6 inch
231201310	2.0mm K-wire, 6 inch Sterile

A.L.P.S. mvX Proximal Tibia Cases & Trays

Part#	Description
770101050	Prox Tibia Outer Case
770101060	Prox Tibia Plate Tray LT
770101070	Prox Tibia Plate Tray RT
00-5900-099-00	Generic Stackable Lid Assy

Ordering Information

A.L.P.S. mvX Core Tray Instruments

Part#	Description
770009270	2.7/3.5/4.0mm Depth Gauge
770004270	2.0mm Thread-in/Fixed Drill Guide
770020020	Plate Cutters
770006270	2.0mm Fixed Angle/VA Double Drill Guide
770025010	Plate Distractor
770017010	Ratcheting AO Handle
770007270	2.7mm Overdrill Guide
770004350	2.5mm Thread-in/Fixed Drill Guide
770006350	2.5mm Fixed Angle/VA Double Drill Guide
770007350	3.5mm Overdrill Guide
770007400	4.0mm Overdrill Guide
770016270	2.7/3.5/4.0mm Bending Pin
13573	Reduct Forcep w/Jaw
13572	Sharp Hook
13566	Periosteal Elevator
MHR	Retractor Mini Hohmann
13577	Reduct Forcep w/Points Lg
824129000	Bending Iron 3.5mm
214213568	Reduct Forcep w/Points
770009271	2.7/3.5/4.0mm Depth Gauge (60mm)

A.L.P.S. mvX Core Tray Disposables

Part#	Description
770002250	2.5mm Drill Short
770003270	2.7mm Overdrill
770002201	2.0mm Drill Long
770003350	3.5mm Overdrill
770003400	4.0mm Overdrill
770001151	T15 Retention Driver Long
770008270	2.7/3.5/4.0mm Countersink
770015240	2.0/2.4/2.7/3.5/4.0mm Plate Tack
770018160	1.6mm K-Wire 6 In
770002200	2.0mm Drill Short
770002251	2.5mm Drill Long

A.L.P.S. mvX Core Cases & Trays

Part#	Description
770103060	Core Screw Rack B*
770103050	Core Screw Rack*
770107060	Core Screw Rack Lid B*
770107050	Core Screw Rack Lid*
770101030	Core Outer Case 1
770105040	Core Instrument Tray 1
770105050	Core Instrument Tray 2
00-5900-099-00	Generic Stackable Lid Assy

NOTE: Core Screw Rack B (770103060) is an alternative to Core Screw Rack (770103050) and Core Screw Rack Lid B (770107060) is an alternative to Core Screw Rack Lid (770107050).

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