

Item Catalogue

NUPCO CODE: 4232150822500 | SN: 1574

NUPCO ITEM DESCRIPTION

PLATE, TITANIUM PROXIMAL DIAPHYSEAL HUMERAL, ASSORTED SIZES

VENDOR PRODUCT DESCRIPTION

Polarus PHP proximal humeral plates

SKU CODES INCLUDED FOR THIS NUPCO CODE

- PL-PHXGR
- PL-PHGR
- PL-PHSR
- PL-PHSL
- PL-PHGL
- PL-PHXGL

 acumed[®]
Polarus[®] Proximal Humeral Plating System

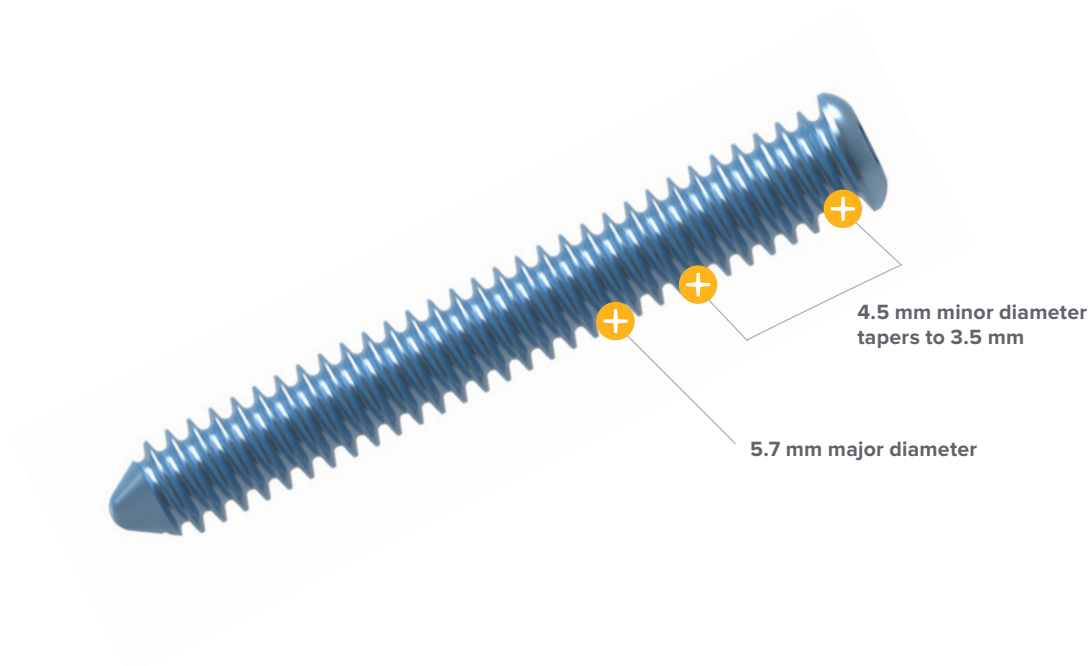
Surgical Technique



System Features [continued]

5.7 mm Locking Cancellous Screw

- ▶ Tapered inside diameter for even plate engagement
- ▶ 5.7 mm major diameter
- ▶ Titanium (Ti-6Al-4V ELI)
- ▶ Minor (core) diameter equals 4.5 mm and tapers to 3.5 mm
- ▶ Available in lengths of 26 mm to 54 mm in 2 mm increments



Polarus Proximal Humeral Plate Surgical Technique

[continued]

3 Approach

Release the fascia along the lateral border of the coracobrachialis and retract it medially to expose the proximal humerus with the subscapularis tendon attachment. To help facilitate reduction and improve fracture visualization, release the superior one-third of the pectoralis major from the humeral shaft. It is important to place a finger underneath the pectoralis major as it is being released to protect the biceps tendon, which lies directly underneath.

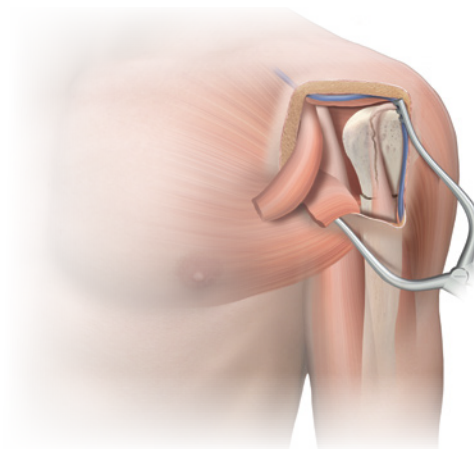


Figure 4

4 Plate Selection

The left and right specific Polarus Proximal Humerus (PHP) Plates (PL-PHXXX) are anatomically designed to fit an array of patient anatomies. In most cases, the Large Proximal Humeral Plate (PL-PHGL or PL-PHGR) should be chosen. If the patient is small-boned, the Small Proximal Humeral Plate (PL-PHSL or PL-PHSR) may be a better fit. If the fracture pattern includes a fracture line distal to the surgical neck, an Extra-Long Proximal Humeral Plate (PL-PHXGL or PL-PHGR) may be utilized.



Figure 5



Proximal Humeral
Plate
(PL-PHXXX)

Polarus Proximal Humeral Plate Surgical Technique

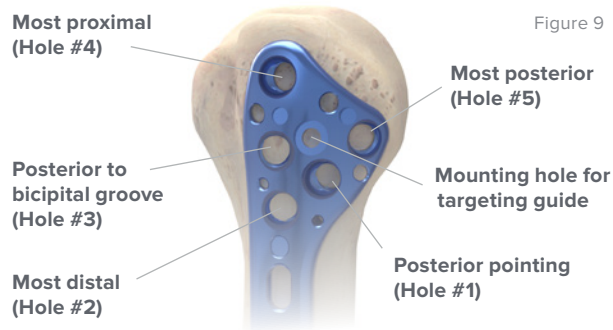
[continued]

7 Nonlocking Screw Insertion— Humeral Head

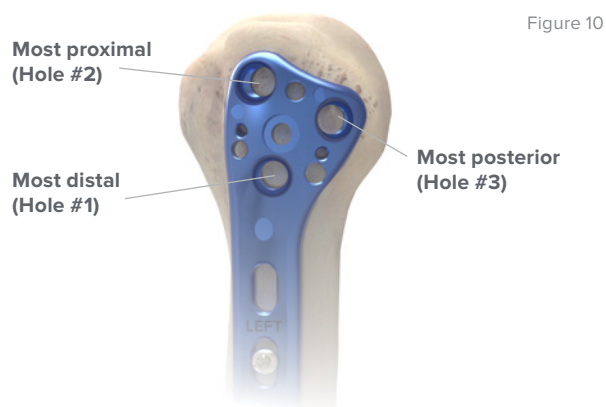
Please see the diagram at right for reference to hole numbers. Select the appropriate Targeting Guide (MS-PHGL or MS-PHGR for large and extra long plates; MS-PHSL or MS-PHSR for small plates) and secure it to the plate with the Targeting Guide Locking Screw (MS-TGLS), utilizing the 3.5 mm Quick Release Hex Driver (HPC-0035). The first proximal head screw placed should be the posterior-pointing (Figure 9, Hole #1) on the large or extra long plate and the most distal (Figure 10, Hole #1) on the small plate.

Drill the hole with the 2.8 mm Drill Guide (MS-DG28) and the long 2.8 mm Cancellous Drill (MS-PH28). Use the laser mark on the drill with the scale on the back of the drill guide to determine the appropriate screw length. For accurate measurement, be sure that the drill guide is fully seated into the targeting guide.

Remove the drill and drill guide, then insert a 5.0 mm Nonlocking Cancellous Screw (HCA-51XX) through the targeting guide and plate. The 5.0 mm nonlocking screw helps draw the plate to the bone, affirm reduction, and ensure a low-profile, plate-to-bone interface.



Proximal Humeral Plate, Large, Left



Proximal Humeral Plate, Small, Left



Figure 11



Figure 12



Polarus PHP
Targeting Guide,
Large
(MS-PHGX)



Polarus PHP
Targeting Guide,
Small
(MS-PHSX)



Polarus PHP
Targeting Guide
Locking Screw
(MS-TGLS)



3.5 mm Quick
Release
Hex Driver
(HPC-0035)



2.8 mm Drill Guide
(MS-DG28)



2.8 mm
Cancellous Drill
(MS-PH28)



5.0 mm Nonlocking
Cancellous Screw
(HCA-51XX)

Ordering Information

Tray Components

Proximal Humeral Plates

1	Proximal Humeral Plate, Extra Long, Right	PL-PHXGR
2	Proximal Humeral Plate, Large, Right	PL-PHGR
3	Proximal Humeral Plate, Small, Right	PL-PHSR
4	Proximal Humeral Plate, Small, Left	PL-PHSL
5	Proximal Humeral Plate, Large, Left	PL-PHGL
6	Proximal Humeral Plate, Extra Long, Left	PL-PHXGL

These implants are available nonsterile or sterile-packed. Add –S to the product number to designate sterile products. To order, contact your particular authorized Acumed distributor.

Instruments

7	4.6 mm Drill Guide Assembly	MS-DG46
8	4.0 mm Drill Guide Assembly	MS-DG40
9	2.8 mm Drill Guide Assembly	MS-DG28
10	Polarus PHP Targeting Guide, Large, Left	MS-PHGL
11	Polarus PHP Targeting Guide, Small, Left	MS-PHSL
12	Polarus PHP Targeting Guide, Small, Right	MS-PHSR
13	Polarus PHP Targeting Guide, Large, Right	MS-PHGR

