LCP™ Periprosthetic System

The LCP Periprosthetic System consists of key instruments from the Orthopaedic Cable system, the 4.5 mm LCP Curved Broad Plates, and 5.0 mm Periprosthetic Locking Screws, and is intended to treat periprosthetic fractures.

**Indications**

The Synthes 4.5 mm Curved Broad LCP Plates are intended for the fixation of fractures of the femur. They are also for use in fixation of periprosthetic fractures, osteopenic bone, and fixation of nonunions or malunions.

The Synthes 5.0 mm Periprosthetic Locking Screws are intended for fixation of various long bones, such as the humerus, femur and tibia, in conjunction with Synthes locking plates that accept 5.0 mm locking screws. They are also for use in fixation of periprosthetic fractures, osteopenic bone, and fixation of nonunions or malunions.
Locking Compression Plates (LCP)

- **Combi™ holes**
  The Combi hole combines a dynamic compression unit (DCU) hole with a locking screw hole. The Combi holes allow placement of conventional cortex and cancellous bone screws on one side or threaded conical locking screws on the opposite side of each hole. This provides the flexibility of conventional screw fixation (such as axial compression) or fixed-angle constructs, and gives the surgeon the ability to handle diverse and difficult fractures with one plating system.

- **Fixed-angle stability**
  Locking screws engaged in the plate create a fixed-angle construct that improves fixation, especially in osteopenic bone and multifragment fractures. When compared to conventional plate-and-screw constructs, the angular and axial stability of locking screws increase the strength of the construct under load and do not require precise anatomical contouring.

- Load (compression) and neutral screw positions

- 50° of longitudinal screw angulation

- 14° of transverse screw angulation

- Uniform hole spacing
4.5 mm Curved Broad LCP Plates

- Precontoured to mimic the anterior-posterior bow from the lateral aspect of the femur
- Tapered, rounded tip facilitates application during minimally invasive surgical procedures
- Limited-contact design reduces the plate-to-bone contact and the adverse impact on the periosteum
- A suture hole allows temporary fixation
- Available with 12 to 18 Combi holes
- Available in stainless steel or titanium

5.0 mm Periprosthetic Locking Screws

- For use with 4.5 mm LCP plates
- T25 StarDrive recess
- Self-tapping flutes
- Blunt tip allows unicortical fixation of fractures when an intramedullary implant is present
- Available in 8 mm, 10 mm, and 12 mm lengths
- Available in stainless steel or titanium
LCP Periprosthetic System

Stainless Steel [01.225.602]
Titanium [01.225.604]

Product Information

4.5 mm Curved Broad LCP Plates

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5.0 mm Periprosthetic Locking Screws, self-tapping, with T25 StarDrive recess, 8 ea.

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Instruments

- 391.104 Large Cable Passer, curved
- 391.107 Large Cable Passer
- 391.108 Large Cable Passer, 45° angle
- 391.201 Cable Tensioner
- 391.882 Cable Crimper
- 391.883 Attachment Bit, 4 ea.
- 391.884 Provisional Tensioning Device, 4 ea.
- 391.906 Cable Cutter, large

Also Available

Cable with Crimp, 750 mm, sterile

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Cerclage Positioning Pins, sterile

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*Cobalt chromium cable with titanium crimp.

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