

LCP Proximal Lateral Tibia and Distal Femur Plate

LCP Proximal Lateral Tibia and Distal Femur Plate with combi-holes in the shaft

- Anatomically designed to recover femur & tibia fractures.
- Both plates are in Left and Right direction
- Available in 5, 7, 9, 11, 13 and 15 combi-holes in the shaft
- Available in SS 316L and Material



Anatomic reduction

Fixation of extra- and intra articular proximal tibia fractures with the pre contoured LCP Proximal Lateral Tibia Plates allow for anatomic reduction.

Stable fixation

Locking holes allow fixation with locking screws for angular stability. A fixed-angle construct is advantageous in osteoporotic bone and multifragment fractures where traditional screw purchase is compromised.

Preservation of blood supply

The Distal Femur approach with its proven success preserves the blood supply through a minimally invasive surgical technique and minimal bone-to-plate contact.

Early, active mobilization

Distal Femur Provides stable fracture fixation with minimal trauma to the vascular supply. This helps improve the environment for bone healing, accelerating the patient's return to previous mobility and function.

Indications

LCP Proximal Lateral Tibia is indicated for the stabilization of fractures of the proximal tibia. These include:

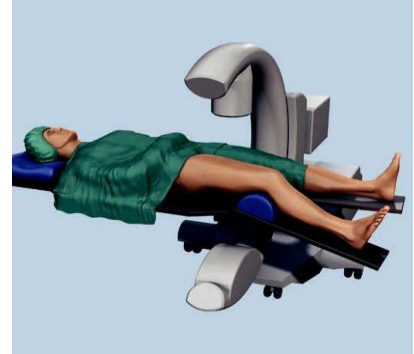
- Proximal shaft fractures
- Meta physical fractures
- Intra-articular fractures
- Per prosthetic fractures

LCP Distal Femur is indicated for the stabilization of fractures of the Distal Femur. These Includes:

- Distal Femur Fractures
- Femur shaft Fractures

Position the patient

Position the patient supine on a radiolucent table. The leg should be freely movable. The contra lateral leg can be placed in an obstetric leg holder. Ensure that both a lateral and x-ray of the proximal tibia can be obtained in this position. Support the knee with towels to flex it into the appropriate position.

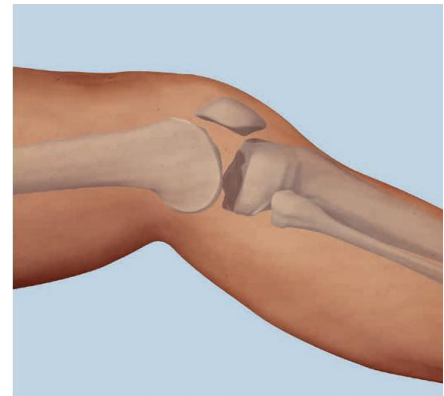


Surgical approaches

Depending on requirements, it is possible to perform either a curved (120° hockey stick) or a straight skin incision from a distal direction

Approximately half a centimetre from the tibia ridge, detach the anterior tibia muscle from the bone, retract it and insert the plate in the space between the periosteum and the muscle. To allow correct positioning of the proximal part of the plate, it is important to adequately dissect the muscle attachment site.

For complex intra-articular fractures, an anterolateral arthrotomy that provides good control of the reduction may be preferred.



LCP Proximal Lateral Tibia Plate

For preliminary fixation of the plate, use a 1.5mm Kirschner wire (**5800-INS-0026**) through the most proximal Kirschner wire hole, Insertion of 5.0 mm LCP Drill Sleeve for 4.3 mm Drill (**5800-INS-0005**), Insertion of 4.3 mm Drill Bit (**5800-INS-0002**) for Drill the bone, and Carefully check the position of the plate and the length of the reduced injured limb. Once the reduction has been successfully completed and the plate has been positioned correctly, the locking screws can be inserted. and Tighten the screw manually with the 4.5mm screw driver (**5800-INS-0013**).



Surgical Technique

5800-1NS-0026 Ø 1.5 MM GUIDE WIRE 150 MM

5800-1NS-0005 5.0 MM LCP DRILL SLEEVE FOR 4.3MM DRILL

5800-1NS-0002 Ø 4.3 MM DRILL BIT QUICK COUPLING X 9"

5800-1NS-0013 Ø 4.5 MM SCREW DRIVER 9"

Insertion of LCP Drill Sleeve for 4.3mm Drill, Insertion of 3.2/4.5mm Drill & Tap Sleeve Combined and Insertion of Drill Bit, Remove the Combined Sleeve and Insertion of 4.5/6.5mm Depth Gauge for Check the Drill Depth, then Insertion of Locking Screw has been Successfully and tighten the Screw manually with 4.5mm Screw Driver(**5800-INS-0013**).



5800-1NS-0005 5.0 MM LCP DRILL SLEEVE FOR 4.3MM DRILL

5800-1NS-0007 Ø 3.2/4.5 MM DRILL & TAP SLEEVE COMBINED

5800-1NS-0014 Ø 4.5/6.5 MM DEPTH GAUGE

5800-1NS-0013 Ø 4.5 MM SCREW DRIVER 9"

LCP Distal Femur Plate



5800-1NS-0027 Ø 2.0 MM GUIDE WIRE 150 MM

5800-INS-0005 5.0 MM LCP DRILL SLEEVE FOR 4.3MM DRILL

5800-1NS-0002 Ø 4.3 MM DRILL BIT QUICK COUPLING X 9"

5800-1NS-0009 Ø 4.5 MM BONE TAP QUICK COUPLING FOR CORTICAL SCREW

5800-1NS-0013 Ø 4.5 MM SCREW DRIVER 9"



5800-INS-0005 5.0 MM LCP DRILL SLEEVE FOR 4.3MM DRILL

5800-1NS-0002 Ø 4.3 MM DRILL BIT QUICK COUPLING X 9"

5800-1NS-0009 Ø 4.5 MM BONE TAP QUICK COUPLING FOR CORTICAL SCREW

5800-1NS-0014 Ø 4.5/6.5 MM DEPTH GAUGE

5800-1NS-0013 Ø 4.5 MM SCREW DRIVER 9"

Instruments:

5800-INS-0001 Ø 3.2 MM DRILL BIT QUICK COUPLING X 5"



5800-INS-0002 Ø 4.3 MM DRILL BIT QUICK COUPLING X 9"



5800-INS-0003 Ø 4.5 MM DRILL BIT QUICK COUPLING X 9"



5800-INS-0004 Ø 3.5/4.3 MM STEP DRILL BIT QUICK COUPLING X 9"



5800-INS-0005 5.0 MM LCP DRILL SLEEVE FOR 4.3MM DRILL



5800-INS-0006 6.5 MM LCP DRILL SLEEVE FOR 4.5MM DRILL



5800-INS-0007 Ø 3.2/4.5 MM DRILL & TAP SLEEVE COMBINED



5800-INS-0008 Ø 3.2/6.5 MM DRILL & TAP SLEEVE COMBINED



5800-1NS-0009 Ø 4.5 MM BONE TAP QUICK COUPLING FOR CORTICAL SCREW



5800-INS-0010 Ø 6.5 MM BONE TAP QUICK COUPLING FOR CANCELLOUS SCREW



5800-INS-0011 QUICK COUPLING T-HANDLE



5800-INS-0012 COUNTER SINK FOR \varnothing 4.5/6.5 MM SCREW
(8MM HEAD)



5800-INS-0013 \varnothing 4.5 MM SCREW DRIVER 9"



5800-INS-0014 \varnothing 4.5/6.5 MM DEPTH GAUGE



5800-INS-0015 PLATE BENDER LARGE (PAIR)

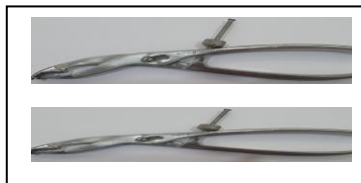


5800-INS-0016 PERIOSTEAL ELEVATOR STRAIGHT 12MM

5800-INS-0017 PERIOSTEAL ELEVATOR STRAIGHT 15MM



5800-INS-0018 SELF CENTRING BONE HOLDING FORCEP
240 MM (PAIR)



5800-INS-0019 HOHMAN RETRACTORS LARGE 17 MM
WIDE 240 MM

5800-INS-0020 HOHMAN RETRACTORS LARGE 43MM WIDE
240 MM



5800-INS-0021 REDUCTION FORCEPS, SERRATED 240MM



5800-INS-0022 REDUCTION FORCEPS, POINTED 210 MM



5800-INS-0023 Ø 3.2/4.5 MM NEUTRAL DRILL GUIDE
LOADED (LARGE)



5800-INS-0024 BENDING TEMPLATE



5800-INS-0025 SCREW HOLDING FORCEP



5800-INS-0026 Ø 1.5 MM GUIDE WIRE 150 MM



5800-INS-0027 Ø 2.0 MM GUIDE WIRE 150 MM



5800-INS-0028 4.5 MM TORQUE LIMITING SCREW DRIVER X 9"



5800-INS-0029 PERIOSTEAL ELEVATOR CURVED 12 MM



5800-INS-0030 PERIOSTEAL ELEVATOR CURVED 15 MM



5800-INS-0031 Ø 4.5 MM SCREW DRIVER WITH HOLDING SLEEVE X 9"



5800-INS-0032 4.5 MM SCREW DRIVER QUICK COUPLING X 5"



5800-INS-0033 Ø 4.5 MM BROCKEN SCREW REMOVAL FORCEP



5800-INS-0034 4.5 MM BONE TAP T-HANDLE



5800-INS-0035 Ø 4.5 HOLLOW MILL FOR SCREW REMOVAL



5800-INS-0036 3.2/4.3 MM DOUBLE DRILL SLEEVE COMBINED



5800-INS-0037 4.5/6.5MM DOUBLE TAP SLEEVE COMBINED



Implant Size:

Ø5.0 MM LCP DISTAL FEMUR PLATE - RIGHT SIDE

SS 316 L	Titanium	Size(Hole)
1319-SS-5005	1319-TT-5005	5 HOLES
1319-SS-5007	1319-TT-5007	7 HOLES
1319-SS-5009	1319-TT-5009	9 HOLES
1319-SS-5011	1319-TT-5011	11 HOLES
1319-SS-5013	1319-TT-5013	13 HOLES
1319-SS-5015	1319-TT-5015	15 HOLES

Ø5.0 MM LCP DISTAL FEMUR PLATE - LEFT SIDE

SS 316 L	Titanium	Size(Hole)
1320-SS-5005	1320-TT-5005	5 HOLES
1320-SS-5007	1320-TT-5007	7 HOLES
1320-SS-5009	1320-TT-5009	9 HOLES
1320-SS-5011	1320-TT-5011	11 HOLES
1320-SS-5013	1320-TT-5013	13 HOLES
1320-SS-5015	1320-TT-5015	15 HOLES



Ø5.0 MM LCP PROXIMAL LATERAL TIBIA PLATE -RIGHT SIDE (HOCKEY)

SS 316 L	Titanium	Size(Hole)
1317-SS-5005	1317-TT-5005	5 HOLES
1317-SS-5007	1317-TT-5007	7 HOLES
1317-SS-5009	1317-TT-5009	9 HOLES
1317-SS-5011	1317-TT-5011	11 HOLES
1317-SS-5013	1317-TT-5013	13 HOLES
1317-SS-5015	1317-TT-5015	15 HOLES

Ø5.0 MM LCP PROXIMAL LATERAL TIBIA PLATE - LEFT SIDE (HOCKEY)

SS 316 L	Titanium	Size(Hole)
1318-SS-5005	1318-TT-5005	5 HOLES
1318-SS-5007	1318-TT-5007	7 HOLES
1318-SS-5009	1318-TT-5009	9 HOLES
1318-SS-5011	1318-TT-5011	11 HOLES
1318-SS-5013	1318-TT-5013	13 HOLES
1318-SS-5015	1318-TT-5015	15 HOLES



Screw

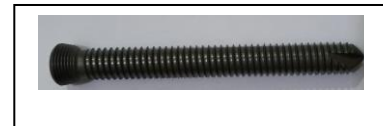
5.0 mm LCP Screw

1414-SS-5018/5100 SS 18 mm to 100 mm

1414-TT-5018/5100 TT 18 mm to 100 mm

(18 mm to 60 mm – 2 mm Diff.)

(60 mm to 100 mm – 5 mm Diff.)



Ø4.5 MM CORTICAL SCREW - 14TPI - SELF TAPPING

1111-SS-4510/4580 SS 10 mm to 80 mm

1111-TT-4510/4580 TT 10 mm to 80 mm

(2 mm Diff.)



Ø5.0 MM LCP CANCELLOUS SCREW FULLY THREADED

1420-SS-5025/50110 SS 25 mm to 110 mm

1420-TT-5025/50110 TT 25 mm to 110 mm

(5 mm Diff.)



Address

Corporate Office

310, Sanket Avenue, Opp. Ambe Vidhyalaya,
Sama-savli road Vadodara-390024

Plant Office:

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Taluka - Waghodiya Dist. Vadodara-391510
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