

LCP DHS Plate with Collar 4.5mm

Introduction

The AMAZON[™] LCP DHS Plate with Collar 4.5 mm is used to treat femoral neck, inter- and peri-trochanteric fractures. The LCP DHS with collar is a modification of the existing LCP DHS. The collar allows for a moderate lateral buttress and accommodates the head of the anti-rotational screw. Additional features are the LCP holes and a bullet nose at the distal end. The angle of the collar is 15 degree and has been specifically designed to match the anatomy. The LCP DHS Plate with Collar is compatible with the trochanter stabilization plate and the locking trochanter stabilization plate.

The surgical technique of the LCP DHS Plate with Collar is the same as that of the DHS. The only difference is that the anti-rotational screw (6.5 mm Cannulated Screw) must be inserted through the collar. However, the changes in geometry of the LCP DHS Plate with Collar (collar, LCP hole, undercuts, bullet nose at the distal end of the plate) offer the surgeon the possibility to achieve angular stability of the fixation and to choose a less invasive approach. Undercuts help to improve the periosteal blood supply.

The clinically well established geometry of the barrel (sliding mechanism) has not been changed.

The static test reveals a slightly higher stiffness for the LCP DHS Plate with Collar plate/screws system compared to the standard DHS plate/screw system.



Implant Features

- LCP locking & compression holes
- Tapered end
- Undercuts
- Barrel angle 135°
- Angle of the Collar 15°
- 3 to 5 holes
- Barrel length: 38 mm

Indications

The AMAZON[™] LCP DHS Plate with Collar 4.5 mm is intended to treat fractures of the proximal femur.

- Inter-trochanteric Fractures
- Sub-trochanteric Fractures
- Intra-capsular Neck Fractures
- Sub-capital Fractures

Implant Information [Material in Titanium]

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REF (TIT)	HOLES	LEN (MM)
MOI 34107003	3	110
MOI 34107004	4	128
MOI 34107005	5	146

Screws: 5.0 mm Locking Screws / 4.5 mm Cortex Screws
12.0 mm DHS Hip Screws / 6.5 mm Cannulated Screws

