The Polyaxial Locking Plate portfolio

The NCB (Non-Contact Bridging) Periprosthetic Femur System is a line of polyaxial locking plates for the treatment of femur fractures, particularly periprosthetic femur fractures. Innovative plate designs combined with the polyaxial NCB Locking Plate Technology offer solutions for fixation of particularly complex periprosthetic fractures. The system consists of a Proximal Femur plate, a Distal Femur plate, and a Curved Femur Shaft plate.

Angular stability with the NCB Locking Caps

30° Cone Polyaxiality

NCB 30° Cone Polyaxiality

The NCB Plate Technology allows polyaxial screw placement (30° cone) with screw locking achieved through the use of locking caps that are threaded into the plate holes. The locking construct improves stability especially in poor bone quality.

Non-Contact Bridging

In the locked mode the NCB Periprosthetic Plate acts as an internal fixator without contact between the plate and the bone surface, which may reduce the risk of impairment to the periosteal blood supply. This Non-Contact Bridging concept can also be controlled through the use of 1, 2, or 3 mm spacers, which are threaded into the plate holes prior to plate insertion.

Cable Fixation Options

The products from the Zimmer® Cable-Ready® Cable Grip System are compatible with the NCB Periprosthetic Femur System.

Broad Screw Options

Five different NCB Screw types are offered with the NCB Periprosthetic Femur System, to allow both bicortical and unicortical fixations.

NCB Curved Femur Shaft Plate

NCB Proximal Femur Plate

NCB Distal Femur Plate

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NCB Distal Femur Plate
Periprosthetic Solutions
NCB® Periprosthetic Femur Plate System

Good to know

NCB Curved Femur Shaft Plate
Symmetric Design
One plate for left and right femurs due to symmetric design.

Compression Slots
Two compression slots allow 1 mm of compression each.

Articulated Tension Device Holes
One hole at each end of the plate allows for connection of the Articulated Tension Device to achieve additional compression, if needed.

NCB Distal Femur Plate
95° Angled Distal Hole
The most distal central plate hole is angled at 95° to the plate shaft to allow screw insertion parallel to the joint. This can help reduce the fracture and fix plate realignment of the anatomic axis of the femur.

Fracture Reduction
Before locking, NCB Screws can also act as lag screws. Therefore, NCB Screws can be used for fracture reduction and to apply interfragmentary compression, a feature not offered with conventional locking systems.

Sterile Packaging
NCB Periprosthetic Plates are offered in a sterile package with 10 years shelf life.

Disclaimer
This documentation is intended exclusively for physicians and is not intended for laypersons. Information on the products and procedures contained in this document is of a general nature and does not represent and does not contain medical advice or recommendations. Because this information is not purport to constitute any diagnosis or therapeutic statement with regard to any individual medical cases, each patient must be examined and advised scientifically, and this document does not replace the need for such examination and/or advice in whole or in part. Please refer to the package inserts for important product information, including, but not limited to, contraindications, warnings, precautions, and adverse effects.