The Perfect Fusion of Science and Anatomy

With the Periarticular Locking Plate System, Zimmer offers advanced solutions for the management of comminuted fractures and fractures in which deficient bone stock or poor bone quality is encountered.

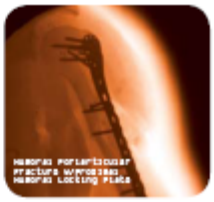
The system combines anatomically contoured periarticular plates with locking screw technology. The unique plate designs feature a transitioned profile that is thinner in the metaphyseal and thicker in the diaphyseal areas. Locking screw holes are combined with compression slots, so that the plates can be used both as locking devices and for fracture compression.

Low-profile fixation accommodates both patient and surgeon

Zimmer's periarticular plate designs decrease in thickness toward the joint line to reduce the potential for soft-tissue irritation and to simplify any additional contouring. The reduced thickness also allows the implant to "autocontour" as the screws draw the plate toward the bone. The tapered plate shaft design, combined with specialized instrumentation, provides for submuscular passage of the plate and fixation that utilizes a minimally invasive technique.

Zimmer Periarticular Locking Plate System components:

- *Distal Lateral Femoral Plate*
- *3.5mm and 5.5mm Proximal Lateral Tibial Plates*
- *Distal Medial and Distal Lateral Tibial Plates*
- *Proximal Humeral Plate*
- *Distal Radial Plates:*
  - *Volar Lateral Column*
  - *Volar Medial Column*
  - *Dorsal T*
  - *Dorsal Delta*
  - *Radial Styloid*



The latest advancement in fixation: locking screw technology

Zimmer's locking screw technology gives surgeons the ability to create a fixed-angle construct while using familiar plating techniques.

The locking plate design does not require compression between the plate and bone to accommodate loading. Therefore, screw purchase in the bone can be achieved with a thread profile that is shallower than that of traditional screws. In turn, the shallow thread profile allows for screws with a large core diameter to accommodate loading with improved bending and shear strength.

Meeting clinical needs with a wide range of options

The Periarticular Locking Plate System was designed with the input of experienced surgeons to ensure that the components meet current clinical needs and anticipate clinical needs of the future. The plates are available in a variety of lengths, both left and right.