intrauma

PERIPROSTHETICS

O'nil
The internal fixator

PERIPROSTHETICS

The design of periprosthetic plates has to overcome a number of technical issues. There is a high incidence of mobilisation of plates in multiple fractures, the presence of a prosthesis makes screw positioning difficult, and poor quality bone often results in screw pull-out and an early breakdown of the fracture.

Intrauma has developed a range of plates specifically for the treatment of periprosthetic fractures of the hip, knee and humerus.

The use of O'nil periprosthetic plates ensures secure fixation of the fracture, early patient mobilisation and fracture healing times similar to normal fractures.

The patented conical screw locking system between the head of the screw and the holes in the plate ensures primary stability by equally distributing the forces along the length of the plate.

Pre-shaped plates with a semi-tubular profile simplify plate positioning and the multi-planar screw holes ensure optimum fixation even in more complex fractures.

The O'nil Iron Lady plate for periprosthetic fractures of the hip is a self-supporting structure where cerclage can be used simply to fix fragments in place rather than to support the plate.

As with other O'nil plates, the unique screw locking mechanism minimises pressure on the bone, helping to preserve the vascularity of the periosteum, allowing early rehabilitation and reducing healing time.

PERIPROSTHETIC FRACTURES OF HIP

- Anatomically pre-shaped low-profile semi-tubular plates
- Multi-planar screw holes simplify plate positioning and ensure primary stability
- Plates made of steel AISI 316 LVM - ISO 5832-1, to allow MRI, screws and bushings made of titanium Ti6Al4V - ISO 5832-3
- Cerclage option using eyelet with conical locking

IRON LADY ONE

14 holes

Length 200mm (135.1001)

IRON LADY PLUS CURVED

16 holes

Length 250mm (135.1004)

IRON LADY EXTRA CURVED

18 holes

Length 300mm (135.1000)

Supports are shown at 80% actual size

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PERIPROSTHETIC FRACTURES OF HUMERUS

- Anatomically pre-shaped low-profile semi-tubular plate
- Multi-planar screw holes provide primary stability
- Simple and intuitive instruments
- Plates made of steel AISI 316 LVM - ISO 5832-1, to allow MRI, screws and bushings made of titanium Ti6Al4V - ISO 5832-3
- Reduced surgical time

DIAPHYSEAL HUMERUS 10

10 holes

Length 145mm (135.1006)

PERIPROSTHETIC FRACTURES OF KNEE

- The patented screw-plate locking system eliminates the possibility of cross-threading between the head of the screw and the plate
- Anatomically pre-shaped low-profile semi-tubular plate
- 6 holes in the distal part of the plate provide excellent fixation even in osteoporotic bone
- Plates made of steel AISI 316 LVM - ISO 5832-1, to allow MRI, screws and bushings made of titanium Ti6Al4V - ISO 5832-3
- Available in 2 lengths, in right and left versions

PERIARTICULAR 14

6+8 holes

Left - Length 250mm (152.3003)

Right - Length 250mm (152.3004)

PERIARTICULAR 17

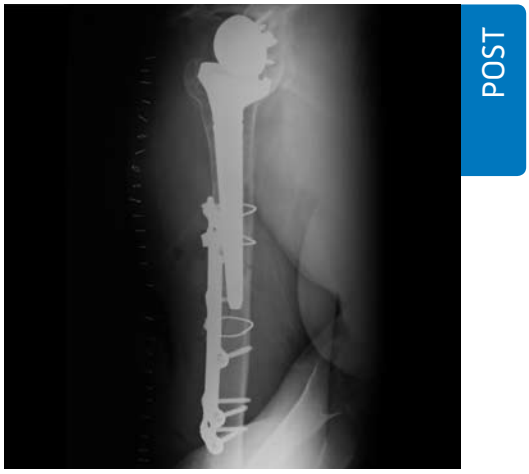
6+11 holes

Left - Length 325mm (152.3005)

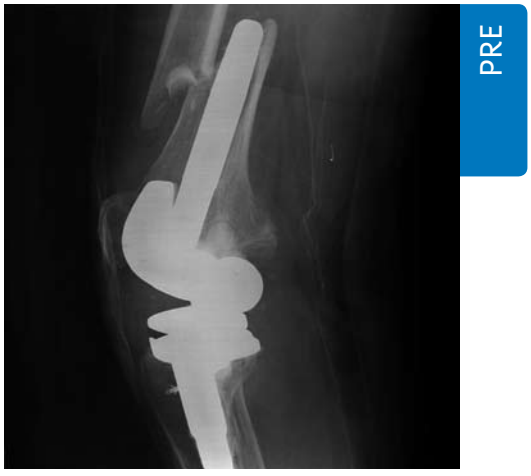
Right - Length 325mm (152.3006)

HIP X-RAYS

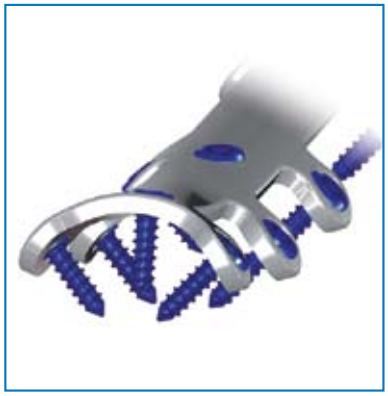
HUMERUS X-RAYS



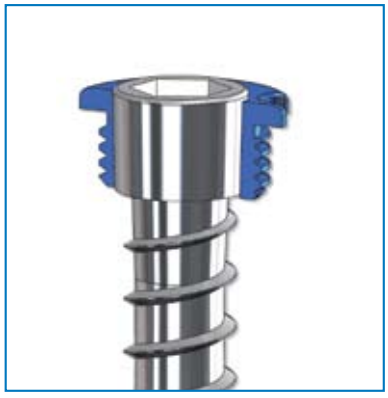
KNEE X-RAYS



FEATURES



The biplanar design of the humeral plate and triplanar design of the femoral plate simplify positioning and create a self-supporting structure with excellent primary stability



Unique conical locking mechanism ensures an equal distribution of forces between the head of the screw and the plate

EYELET

Eyelets, which have the same conical locking mechanism as the plate screws, can be used with cerclage wires for fixation of fracture fragments.

ORDERING INFORMATION

Plates	Ref	L. mm	Holes
Iron Lady Extra curved	135.1000	300	18
Iron Lady One	135.1001	200	14
Iron Lady Plus curved	135.1004	250	16
Diaphyseal humerus 10	135.1006	145	10
Periarticular 14 L	152.3003	250	6+8
Periarticular 14 R	152.3004	250	6+8
Periarticular 17 L	152.3005	325	6+11
Periarticular 17 R	152.3006	325	6+11
Eyelet 3,5	130.3200		
Eyelet 5	150.4500		
Threaded Eyelet 5	150.4501		

Plates: Steel AISI 316 LVM - ISO 5832-1

Screws & bushings: Titanium Ti6Al4V - ISO 5832-3

Screws Ø 3.5 mm	L. mm
Autolocking screws	10mm to 70mm

Screws Ø 5.0 mm	L. mm
Autolocking screw	12mm to 110mm

Instruments	Ref
Instrument tray	S30, S500

PHF - Proximal humerus fixator
An excellent solution for fractures of the humeral head

PFF - Proximal Femur Fracture
Proximal femur plate with modular greater trochanter hook

Excellence - Proximal tibia
Anatomical plates for proximal tibia fractures

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are you in?

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