

Epi Union™

Periarticular Plating System

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Features and Benefits



Distal tibial plate – Pilon fracture

History

During the late 70's a plating system was developed by Dr. Descamps and the Benoist Girard manufacturing facility. A couple of years later Prof. Merueis enhanced the system with the addition of the diamond undersurface and the Sherman shape plate contouring.

The system was then presented at SOFCOT in Paris in 1985. Later that year further developments were made in association with Prof. Kerboul and the Epi-Union™ system was launched.

Compatible

- Can be used in conjunction with SPS* 3.5/4.5mm cortical self-tapping and SPS* 4.0mm cancellous Stainless Steel screws
- SPS* 6.5mm cancellous screws can also be used in certain plates for increased metaphyseal fixation
- Certain plates also accept 5.0mm Maconor screws (8.0mm head)
- Can also be used in conjunction with SPS* instrumentation

Anatomical shaping

- Pre-contoured for Left or Right variations
- Pre-shaped to aid reduction, particularly in complex and comminuted fractures
- Eliminates manual contouring, simplifying and reducing operative time
- Reduces the incidence of bending stress patterns and subsequent weaknesses in plate

Hole arrangement

- All plates have round holes to facilitate secondary neutral stabilisation once primary reduction of the metaphyseal fracture has been achieved
- Certain plates have additional oblong hole for final adjustment of the implant after reduction and primary fixation of the fracture
- Low profile with increased plate width/strength around holes

Diamond tip plate undersurface

Designed to:

- Aid vascularisation hence promoting rapid bone healing
- Provide greater friction between plate and bone helping to reduce shear stresses
- Lower the risk of screw stripping and pseudarthrosis occurrence

Material

- All plates available in Stainless Steel



*SPS – Stryker® Plating Systems

Clinical References on EPI-Union:

1. Ducloyer P, Kerboul M
Osteosynthesis using plates in fractures of the lower end of the radius with anterior displacement. Rev Chir Orthop Reparatrice Appar Mot. 1990;76(7):451-9.
2. Lortat-Jacob A, Hardy P
An internal premoulded plate for complex fractures of the lower end of the humerus. A complement of the external premoulded plate. Rev Chir Orthop Reparatrice Appar Mot. 1989;75(5):347-9.

Ordering Information

Distal Radius T-Plate



Stainless Steel REF		Plate Length mm	Shaft Holes	Screw Diameter mm
Left	Right			
1272-02-04	1272-01-04	55	4	3.5/4.0

Distal Medial Tibia ♦♦



Stainless Steel REF		Plate Length mm	Shaft Holes	Screw Diameter mm
Left	Right			
1274-02-05	1274-01-05	108	5	3.5/4.0/4.5
1274-02-07	1274-01-07	144	7	3.5/4.0/4.5
1274-02-09	1274-01-09	180	9	3.5/4.0/4.5
1274-02-11	1274-01-11	216	11	3.5/4.0/4.5

Proximal Lateral Tibia ♦



Stainless Steel REF		Plate Length mm	Shaft Holes	Screw Diameter mm
Left	Right			
1275-02-03	1275-01-03	75	3	4.5/6.5
1275-02-04	1275-01-04	93	4	4.5/6.5
1275-02-05	1275-01-05	111	5	4.5/6.5
1275-02-06	1275-01-06	129	6	4.5/6.5
1275-02-07	1275-01-07	147	7	4.5/6.5
1275-02-08	1275-01-08	165	8	4.5/6.5
1275-02-09	1275-01-09	183	9	4.5/6.5
1275-02-10	1275-01-10	201	10	4.5/6.5
1275-02-11	1275-01-11	219	11	4.5/6.5

Proximal Tibia ♦



Stainless Steel REF		Plate Length mm	Shaft Holes	Screw Diameter mm
Left	Right			
1276-02-03	1276-01-03	74	3	4.5/6.5
1276-02-04	1276-01-04	91	4	4.5/6.5
1276-02-05	1276-01-05	109	5	4.5/6.5
1276-02-06	1276-01-06	127	6	4.5/6.5
1276-02-07	1276-01-07	145	7	4.5/6.5
1276-02-08	1276-01-08	162	8	4.5/6.5
1276-02-09	1276-01-09	180	9	4.5/6.5
1276-02-10	1276-01-10	198	10	4.5/6.5
1276-02-11	1276-01-11	216	11	4.5/6.5

Calcaneal Plate



Stainless Steel REF		Plate Length mm	Shaft Holes	Screw Diameter mm
Left	Right			
1278-02-00	1278-01-00	56	N/A	3.5/4.0

Distal Lateral Humerus



Stainless Steel REF		Plate Length mm	Shaft Holes	Screw Diameter mm
Left	Right			
1279-02-06	1279-01-06	73	6	3.5/4.0
1279-02-08	1279-01-08	105	8	3.5/4.0
1279-02-10	1279-01-10	137	10	3.5/4.0
1279-02-12	1279-01-12	169	12	3.5/4.0

Lateral Malleolus (Universal)



Stainless Steel REF	Plate Length mm	Shaft Holes	Screw Diameter mm
1273-00-04	62	4	3.5/4.0
1273-00-06	82	6	3.5/4.0
1273-00-08	102	8	3.5/4.0

Distal Anterolateral Tibia ♦



Stainless Steel REF		Plate Length mm	Shaft Holes	Screw Diameter mm
Left	Right			
1277-02-07	1277-01-07	75	7	4.5/6.5
1277-02-08	1277-01-08	87	8	4.5/6.5
1277-02-09	1277-01-09	100	9	4.5/6.5
1277-02-10	1277-01-10	112	10	4.5/6.5
1277-02-11	1277-01-11	124	11	4.5/6.5
1277-02-12	1277-01-12	136	12	4.5/6.5
1277-02-13	1277-01-13	147	13	4.5/6.5

Proximal Humerus (Universal) ♦



Stainless Steel REF	Plate Length mm	Shaft Holes	Screw Diameter mm
1279-00-03	79	3	4.5/6.5
1279-00-05	115	5	4.5/6.5
1279-00-08	169	8	4.5/6.5

Distal Radius (Universal)



Stainless Steel REF	Plate Length mm	Shaft Holes	Screw Diameter mm
1272-00-02	44	2	3.5/4.0
1272-00-03	59	3	3.5/4.0
1272-00-04	74	4	3.5/4.0
1272-00-05	89	5	3.5/4.0
1272-00-06	104	6	3.5/4.0
1272-00-07	119	7	3.5/4.0

Cases



Reference	Description
1283-10-00	Case #1 for distal tibial and calcaneal plates
1283-20-00	Case #2 for proximal tibial plates
1283-30-00	Case #3 for humeral and radial plates

Bending Pliers



Reference	Description
1283-00-00	Bending Pliers

Additionally Available with Maconor 2 Diamond Tip Plate Undersurface

Maconor 2 Series	Indication	Screw Diameter mm
0	Fibula, metatarsals and metacarpals	2.7/3.5/4.0
1	Small forearm	3.5/4.0
2	Large forearm and distal tibia	3.5/4.0
3	Tibia and humerus	4.5/5.0/6.5
4	Femur	4.5/5.0/6.5

- ♦ 3.5/4.0mm screws used in head part of plate
- ♦ 5.0mm Maconor screws can also be used with these plates

Please refer to the Stryker® Trauma catalogue for further details

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