Clavicle Plating System

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Patents pending
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Surgical Technique
System Overview

Lateral Superior Plates

2.7mm Cortical Screws

Midshaft Superior Plates

2.7mm Cortical Screws

Anterior Plates

3.5mm Cortical Screws

4.0mm Cancellous Lag Screw

Anatomical Fit & Bow

Midshaft Superior Plate

Lateral Superior Plate

Anterior Plate
Lag Screw Reduction

Lag Screws may be used for interfragmentary fixation by drilling through both cortices with the 2.5mm Drill (0253).

A Countersink (0278) is available to recess the head of the 4.0mm Lag Screw.

Plate Selection

The appropriate sized left or right Superior (Fig. 4a), Anterior (Fig. 4b), or Lateral (Fig. 4c) plate is selected. When selecting appropriate Superior plate (Fig. 4a), be sure to position it directly superior on the clavicle and avoid inadvertently positioning anteriorly.

Fig. 4a

Fig. 4b

Fig. 4c

Plate Placement/Additional Plate Contouring

Lag Screw Reduction

Reduce fracture using Lobster Claw Forceps (0819) on both the medial and lateral fragments. plate placement on bone.

Tip: Use Plate Clamp Forceps (0824) to secure the plate to both sides of the fracture while reducing.

Tip: Lifting the arm superiorly helps reduce the fracture.

Plate Placement

Use forceps and/or K-wires to stabilize plate placement on bone.

Tip: It is ideal to have 3 holes both medial and lateral to the fracture fragments.

Note: For fractures that are more medial or lateral than the central-third, the plate may be rotated 180° or a plate of the opposite side may be used.

Gray screws are intended for dense bone.

Use either calibrations or the Hook Tip Depth Gauge (0530) to determine screw length.

Fig. 6b

Plate Placement/Additional Plate Contouring

Plate Bending

If additional contouring is required, Plate Benders (0823) are available to achieve an exact fit to the clavicle. Bend only at designated bending notch locations.

Plate Placement

Drills, Drill Guides and Taps are color coded by screw color. Insert Drill Guide (0330) into plate and drill using 2.5mm Calibrated Drill (0253).

Note: The Clavicle Elevator (0842) can be placed under the clavicle to prevent over penetration when drilling.

Alternatively, use the Depth Limiting Drill (0274) to prevent over drilling (20mm max).

Use Tap (0291) for patients with dense bone.

Use either calibrations or Hook Tip Depth Gauge (0530) to determine screw length.

Fig. 6b

Step 5

Step 1

Step 2

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

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Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

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Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

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Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8