Biomet® OrthoPak® Non-invasive Bone Growth Stimulator System

SIMPLE. FAST. PROVEN.◊

Electrode Placement Guide

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Electrode Placement Suggestions

Following routine x-ray assessment, select the axis around the fracture nonunion for the placement of electrodes. Placement of the electrodes in the anteroposterior, mediolateral or any axis around the area of the fracture nonunion is at the discretion of the physician. Electrodes should be placed so that they transmit minimal stimulation through scar tissue, are convenient to access for replacement and are least likely to be disturbed during normal daily activities.

The placement of the electrodes on either side of the fracture nonunion site should be positioned 180° to each other. A tolerance of plus or minus 20° of misalignment is allowable. (Figure 1) In the plane of the long axis of the bone, the tolerance misalignment is equal to the 1-3/8 inch diameter of an electrode. (Figure 2)

Figure 1

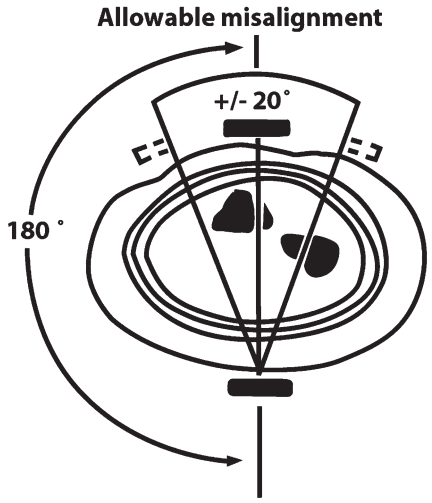
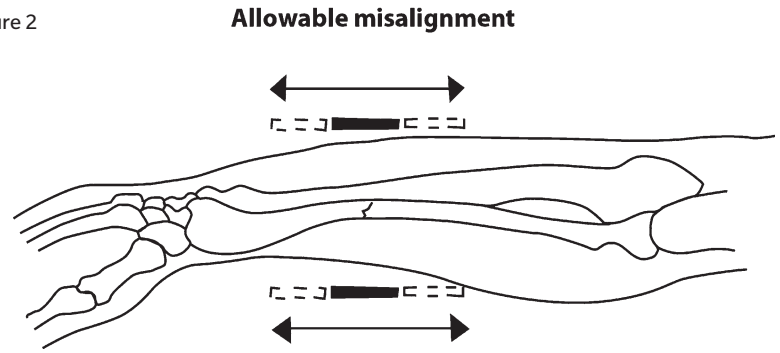


Figure 2



This guide is designed to assist in the best application locations for various fracture nonunion types but is by no means a definitive guide for electrode placement on every possible fracture nonunion.

NOTE: For full prescribing information including indications, precautions, warning, and product operation instructions please refer to the complete manual and package insert.

Upper Extremity Electrode Placements

Clavicle*

Proximal Humerus

Midshaft Humerus

Distal Humerus

*The proper application of the electrodes for a clavicle application is on the anterior and posterior portion 180 degrees on either side of the fracture nonunion site.

Upper Extremity Electrode Placements (Continued)

Midshaft Radius/Ulna

Distal Radius/Ulna

Carpals

Proximal Metacarpals

Distal Metacarpals

Scaphoid*

*The proper application of the electrodes for a scaphoid application is on the anterior and posterior portion 180 degrees on either side of the fracture nonunion site.

Lower Extremity Electrode Placements

Proximal Femur

Midshaft Femur

Distal Femur

Patella

Proximal Tibia

Midshaft Tibia

Lower Extremity Electrode Placements (Continued)

Distal Tibia

Talus

Calcaneous

Tarsals

Midshaft Metatarsals

Distal Metatarsals

Notes:

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◊ **SIMPLE** to use. **FAST** device application. **PROVEN**, clinically.

INDICATIONS FOR USE: The Biomet® OrthoPak® Non-invasive Bone Growth Stimulator System is indicated for the treatment of an established nonunion acquired secondary to trauma, excluding vertebrae and all flat bones, where the width of the nonunion defect is less than one-half the width of the bone to be treated. A nonunion is considered to be established when the fracture site shows no visible progressive signs of healing. P850022/S017.
USAGE: All OrthoPak® Bone Growth Stimulator Systems are designed to deliver 270 days of continuous therapeutic treatment for 24 hours per day. The recommended daily therapeutic treatment is continuous for 24 hours. Federal Law (U.S.A.) restricts this device to sale by or on the order of a physician. Rx Only - Prescription Only - Single Patient Use Only - Do Not Reuse.
CONTRAINDICATIONS: The use of these device systems is contraindicated if the individual has synovial pseudarthrosis.

For complete prescribing information including success rates, warnings, and precautions, please visit biomet.com/stimmanuals or call 1.800.526.2579.

For ordering information, please contact Customer Service at 1.800.526.2579 ext 6000.

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