

Biomet® EBI® Bone Healing System SFLX 2-4 & 4-4 Therapeutic Treatment Coils



When you see these symbols, immediately refer to the full prescribing information described within the User Manual and Packaging Insert supplied with your non-invasive stimulator for more information. Please read the following helpful information listed below. This information will enable you to utilize this medical device safely and effectively. Retain this information for later use. This medical device is ONLY intended to be used with the non-invasive bone growth stimulator which was prescribed by your physician for your treatment.



INDICATIONS FOR USE

The Biomet® EBI® Bone Healing System is indicated for the Federal Law (U.S.A.) restricts this device to sale by or on the order of a physician. Treatment of fracture nonunions, failed fusions, and congenital pseudarthrosis in the appendicular system. A nonunion is considered to be established when there are no visibly progressive signs of healing.

USAGE

Follow the treatment schedule prescribed by your physician, normally ten (10) hours per day. Your compliance with the recommended ten (10) hours per day treatment is very important. A review of the original premarket clinical data demonstrated that less than the recommended use of this device possibly results in an increase in the time to heal your fracture nonunion. If you are unable to treat for ten continuous hours, it is recommended that you break up the total treatment time into more than one session. Please consult the general treatment instructions section contained within the User Manual and Packaging Insert supplied with your non-invasive stimulator for more information before beginning treatment.



ATTENTION

This medical device is a durable therapeutic electrical device intended for single patient use only under a prescription. Federal Law (U.S.A.) restricts this device to sale by or on the order of a physician. Treatment at home or in another appropriate or similar setting is acceptable. This medical device cannot be reprocessed, refurbished, disinfected, reused, sterilized, etc. with the intent to be used by another patient or for treatment other than prescribed.

CONTRAINDICATIONS

A. Nonunion fractures in which a synovial pseudarthrosis (fluid filled gap) exists.



B. Under certain conditions, electromagnetic stimulation could inhibit or impair the functioning of certain external, non-invasive and/or implanted, invasive active medical devices inclusive of "all active electrical and non-active conductive/metallic implants" as well as "worn medical devices" due to adverse events that may occur with other active electrical implants (e.g., Spinal Cord stimulators, Implantable Cardioverter-defibrillators, etc.) The impact or effect of pulsed electromagnetic fields generated by a non invasive bone growth stimulator on the function of other anatomical stimulators, pain pumps, insulin pumps, implanted spinal nerve stimulators and similar active devices has not been evaluated.



C. Use of the Bone Healing System on pregnant patients has not been evaluated; therefore, it is not recommended in these cases.



D. The Bone Healing System has not been tested for safety or been evaluated for heating in the MR environment. The effects of MRI procedures and scans using MR systems has not been determined or established; therefore, MRI scans and procedures should not be performed on patients until the device system has been completely removed. MR Unsafe-Not for MRI Use.

WARNINGS

- The long term effects of exposure to low level magnetic fields are not known. Routine use of these bone healing systems for over 30 years has indicated no known risks.
- During the treatment of patients with open epiphyses, when the epiphysis is in the pulsing field, physicians are advised that the epiphyseal growth plates should be monitored for possible effects.
- Use of the Bone Healing System for the spine and skull have not been evaluated.
- To reduce the risk of potential injury:
 - AVOID touching the AC Adapter contacts when the AC Adapter is plugged into an AC wall outlet.
 - DO NOT charge the battery in bed if treating while sleeping.
- The control unit is electrically live when connected with the AC Wall Adapter and plugged into an AC Wall outlet. To reduce the risk of serious injury by electric shock, patients are advised:
 - DO NOT permit the AC Adapter to be connected when wet.
 - DO NOT immerse the control unit, treatment coil, or the AC Wall Adapter in water or any liquid.
- No unauthorized modification of this device is allowed for any reason whatsoever.

PRECAUTIONS

The following conditions may compromise a successful treatment outcome.

- Nonunion fractures with gaps in excess of 1.0cm.
- Presence of fixation devices or instrumentation made from magnetic materials.

PLEASE NOTE: Most presently used internal or external fixation devices are constructed of 316L S.S., titanium alloys, and cobalt-chromium alloys which are non-magnetic and, therefore, compatible with the Bone Healing System.

Adverse Effects

The Bone Healing System was FDA approved in 1979. Since then, more than 450,000 systems have been commercially distributed and prescribed to patients. Based on the results of an exhaustive historical search of the MAUDE and MDR Databases, the probability of an adverse event was extremely unlikely (.0062%).

The identified hazards associated with the use of non-invasive bone growth stimulation devices are comprehensive, well-known, understood and continue to clearly establish the benefits significantly outweighing the risks.

CONTENTS

- SFLX Therapeutic Treatment Coil
- Flexion Gauge
- User, Safety & Application Instructions



Do not dispose of this device with household waste

Rx Only - Prescription Only - Single Use Only
- Not for Re-Sale or Re-Distribution
- Do Not Reuse.

1068318-05 Rev. D

SFLX 2-4 and 4-4 Treatment Coils – Ankle Application

Application Instructions For: SFLX 2-4 and SFLX 4-4 Treatment Coils Applies To:

Description	Part Number	Suggested Placement
SFLX 2-4	1068228	Ankle
SFLX 2-4	1068237	Ankle

See Flexion Gauge Instructions for measuring the tolerances of the coil.

Note: Position SFLX Treatment Coil. Make sure the SFLX Treatment Coil is secured in the strapping before tightening straps.



1. Position SFLX Treatment Coil over the fracture nonunion site at the back of the ankle (for ankle application) according to the prescribing physician instructions. Make certain the SFLX Treatment Coil is flush with the bottom of the foot. Make sure the SFLX Treatment Coil is firmly in place before securing straps.



2. Both top and bottom straps are then positioned over the front of the ankle.



3. Fasten straps into place by pressing strap onto Velcro® hook.



4. Readjust both straps for a secure, comfortable fit opposite the Velcro® hook before cutting excess straps to size. DO NOT over tighten.



5. Optional: If the treatment coil migrates upward, you may use the additional provided strap to secure it. Simply fasten one end of the strap to the medial (inside seam) side of the ankle, bring strap under the foot and back around to the lateral (outside) side of ankle. Fasten strap into place by pressing strap onto Velcro® hook.

Note: During treatment, the position of the treatment coil may shift due to normal patient activity. Often this movement is associated with patient activity, mobility or the underlying surface the treatment coil rests on (skin, shirt, cast, etc). The treatment coil may be loosened and may need to be repositioned back to a comfortable location before tightening the straps, completing the adjustment.

Flexion Gauge Instructions For SFLX 2-4 And SFLX 4-4 Treatment Coils

Flexion gauge Coil Tolerances for SFLX 2-4

Flex Span	Min (8 cm)	Max (11 cm)
Maximum depth of penetration	8 cm	7 cm
Maximum fracture length	10 cm	10 cm

Flexion gauge Coil Tolerances for SFLX 4-4

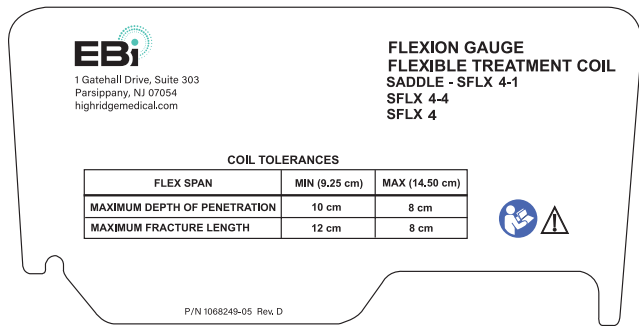
Flex Span	Min (9.25 cm)	Max (14.50 cm)
Maximum depth of penetration	10 cm	8 cm
Maximum fracture length	12 cm	8 cm

SFLX 2-4 and 4-4 Treatment Coils - Ankle Application

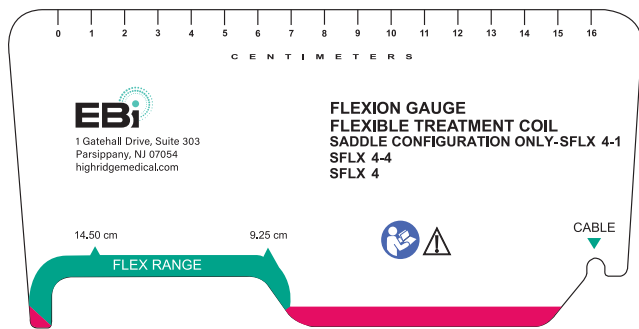
In order to ensure proper fit and efficacious treatment the Flexion Gauge should be employed to check for the proper shape.

1. Place the SFLX Treatment Coil at the treatment site and shape for best fit. The treatment coil should be bent only in one direction. Do not kink or twist the treatment coil.
2. Remove the shaped SFLX Treatment Coil and place the connector cable into the slot/notch on the right hand side of the Flexion Gauge marked with a green triangle. The opposite treatment coil edge should fall within the green zone in the area marked "FLEXION RANGE." Each Flexion Gauge has a chart of treatment coil tolerances with depth of penetration data.
3. If the SFLX Treatment Coil edge does not fall within the green zone contact an EBI® representative for a suitable replacement and assistance.

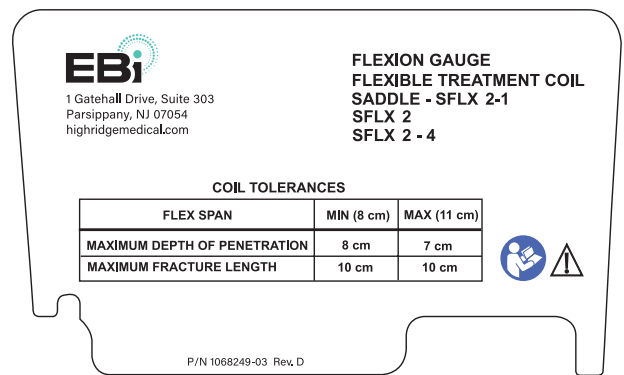
Front View



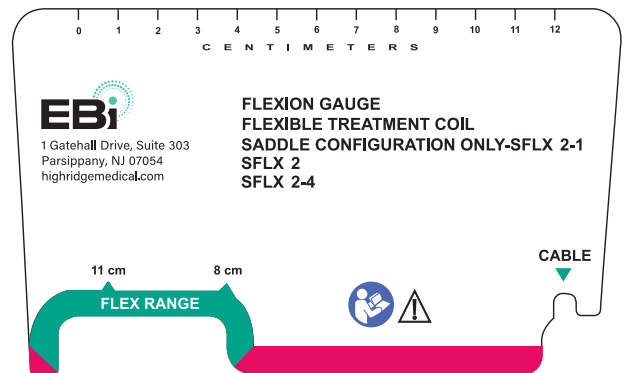
Back View



Front View



Back View



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Complete prescribing information including full indications, contraindications, warnings and precautions associated with the use of these devices may be found online at highridgemedical.com or by calling 800-526-2579. The Biomet® EBI® Bone Healing System is indicated for the treatment of fracture nonunions, failed fusions, and congenital pseudarthrosis in the appendicular system. Contraindicated for nonunion fractures in which a synovial pseudarthrosis exists. Electromagnetic PEMF stimulation is contraindicated for use by patients with implantable pacemakers or defibrillators. The Bone Healing System is not MR safe. Federal Law (U.S.A.) restricts this device to sale by or on the order of a physician. Rx Only. Single Patient Use Only. Do Not Reuse. All content herein is protected by copyright, trademarks and other intellectual property rights, as applicable, owned by or licensed to Highridge Medical or its affiliates unless otherwise indicated, and must not be redistributed, duplicated or disclosed, in whole or in part, without the express written consent of Highridge Medical. P/N 1068318-05 REV D HM0689 REV A 04/25. ©2025 EBI, LLC. All rights reserved.