



The Weight Bear™ Technique Guide



Part Number: OI-100 The Weight Bear Foot Positioning System
Patent pending.

LBL-01-001 Rev. 01

Weight Bear Technique Guide

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Product Description

The Orthios Weight Bear allows the physician to effectively orient the foot of a patient in a simulated weight-bearing position and maintain that position for images to be taken. The device allows for different angulations of the foot for simulated weight-bearing when desired by the physician.

The Weight Bear is intended to be used in operating rooms, radiology departments, and/or orthopedic offices. The device is radiolucent, foldable, sterilizable, and reusable.

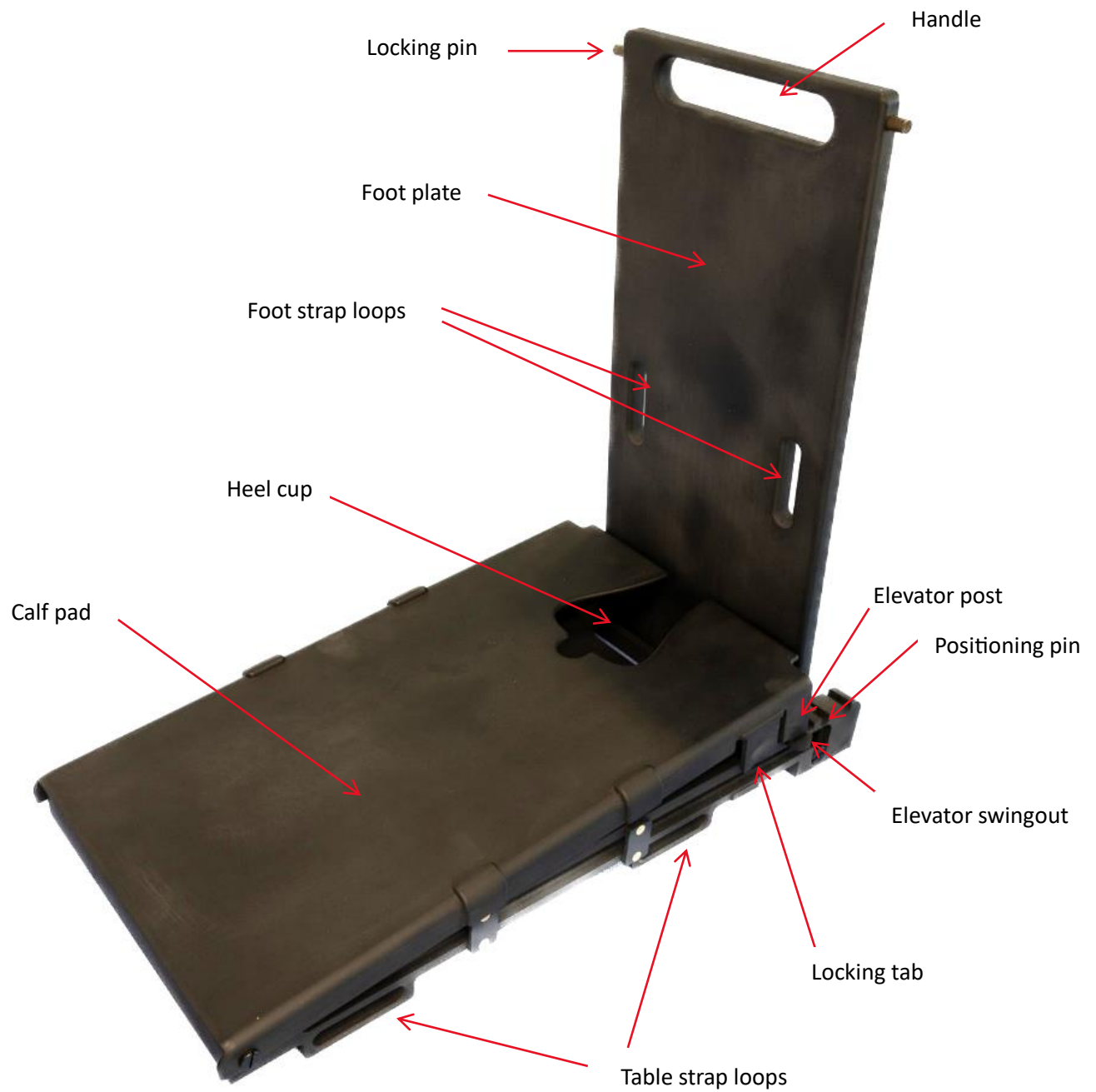
Indications

The Orthios Weight Bear provides a simulated weight-bearing position and maintains the orientation of the foot for images to be taken. The Weight Bear is intended to be used in operating rooms, radiology departments, and/or orthopedic offices.

Features

- Autoclavable
- Radiolucent with radiopaque positioning strips
- Quick and easy loading
- Lies flat as a working surface
- Portable/easily moveable
- Comfortable elevated position
- Hands-free during imaging
- Reproducible imaging in both A/P and Lateral positions
- Adjustable footpad angle

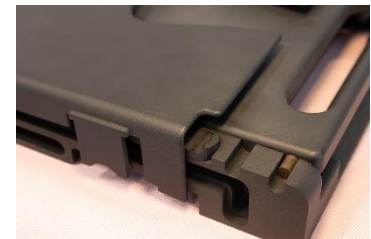
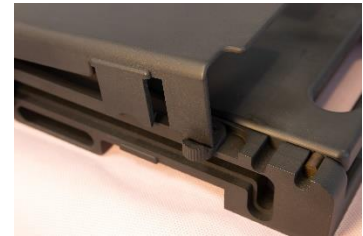
Parts Identification



Technique Steps

Preparation

1. The Weight Bear is provided non-sterile and must be sterilized before use.
2. The Weight Bear will be received from its sterilization wrapped in a sterile barrier and with the calf pad in its raised position. Remove the sterile barrier material.
3. Position the calf pad in its flat position by rotating elevator swingouts to their closed positions and moving the calf pad to its flat position.
4. Gently push down on the calf pad to ensure that the latch is engaged.
5. The Weight Bear can be moved by using the handle only when the Weight Bear is in its flat latched position.



6. Drape the surgical table as required and place the Weight Bear on top of the surgical drapes where the affected foot will be positioned. Ensure that the Weight Bear remains in full contact with the surgical table.

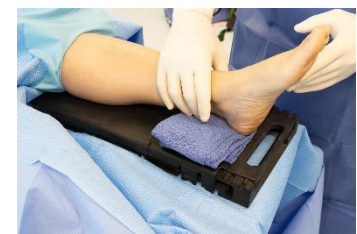


7. The Weight Bear can be strapped to the table by utilizing the strap slots if desired.

8. Raise the calf pad to the elevated position by disengaging the locking tabs, raising the calf pad, rotating the elevator swingouts to their open position and placing the elevator post against the elevator swingout.



9. Position the affected foot with the heel in the heel cup opening of the calf pad. A folded surgical towel (or towels) may be positioned between the heel and the Weight Bear to aid in positioning the foot.



Positioning for Loaded Radiographic Imaging (deployed)

1. Pull the foot plate out of the base by grabbing the handle and raising it slightly.



2. When the positioning pins contact the distal end of the base, raise the foot plate slightly so that the pins will rise over the base and continue to pull the foot plate until it stops.



3. Raise the foot plate up and push it towards the patient's affected foot so that the positioning pins engage with the locking slots at the desired angle.



4. Ensure that the plantar aspect of the affected foot is in contact with the foot plate.



5. The foot may be strapped to the foot plate with a sterile strap through the strap slots if desired.
6. Perform radiographic imaging as required.



7. Note: There are radio opaque indicators that should be aligned to confirm a true lateral position for lateral imaging.



Correct (1 solid line)



Incorrect (2 solid lines)

Returning to Surgical Position (nested)

1. Remove foot straps from foot and foot plate if they were used.
2. Pull up vertically on the handle to disengage the positioning pins from the locking slots.



3. Using the handle move the foot plate down to a nearly horizontal position.



4. Start pushing the foot plate into the base.



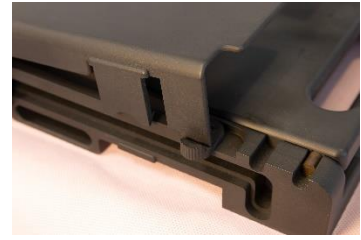
5. Continue to push the foot plate into the base until it stops and ensure that the locking pins are seated into the appropriate slots in the base.



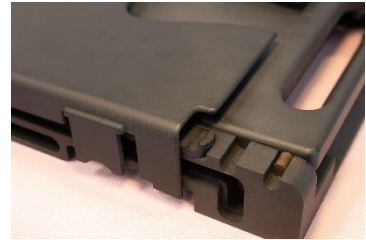
The previous steps may be repeated as frequently as required during the surgical procedure.

Completion of surgical procedure

1. When surgery is completed, and all radiographic images have been taken the Weight Bear must be returned to its flat and latched position by rotating the elevator swingouts inwards.



2. Gently push down on the calf pad to ensure that it is flat and the latch is engaged.



3. The Weight Bear can be removed from the surgical table and transported by utilizing the handle.



4. The Weight Bear must be resterilized before its next use.



CLEANING:

1. Unlatch the device, extend the footpad, and angle the calfplate away from the base, so as to expose internal surfaces.
2. Rinse all surfaces of the device with warm (35-40 °C) tap water for a minimum of two (2) minutes to remove gross contamination.
3. Soak the device in ASP Enzol pH neutral enzymatic detergent solution* for fifteen (15) minutes.
4. While in the detergent, scrub all interior and exterior surfaces of the device at least three (3) repetitions with a soft brush and/or pipe cleaner; repeatedly flush any holes, crevices, and pinned or hinged areas at least three (3) repetitions with the same detergent solution using a syringe.
5. Rinse all surfaces of the device with warm (35-40 °C) tap water for a minimum of two (2) minutes.
6. Soak the device in freshly prepared ASP Enzol pH neutral enzymatic detergent solution* for fifteen (15) minutes.
7. While in the detergent, scrub all interior and exterior surfaces of the device at least three (3) repetitions with a soft brush and/or pipe cleaner; repeatedly flush any holes, crevices, and pinned or hinged areas at least three (3) repetitions with the same detergent solution using a syringe.
8. Rinse all surfaces of the device with reverse osmosis deionized (RO/DI) water for a minimum of two (2) minutes.
9. Sonicate the device for a minimum of ten (10) minutes in freshly prepared ASP Enzol pH neutral enzymatic detergent* solution.
10. Rinse all surfaces of the device thoroughly with tap water
11. Rinse all surfaces of the device thoroughly /flush with RO/DI water for a minimum of two (2) minutes.
12. Dry all surfaces of the device with clean compressed air or a soft, lint free, clean cloth.
13. Visually inspect for cleanliness. All visible surfaces, internal and external, should be visually inspected. If necessary, reclean until it is visibly clean.

* - A pH neutral enzymatic detergent solution equivalent to ASP Enzol may also be used.

STERILIZATION AND DRYING:

1. Unlock calf plate, move the swingouts on both sides of base to their outer position and place calf plate elevators onto the swingouts into the elevated position.
2. Double wrap the device in an FDA cleared wrap.
3. Autoclave according to the following parameters:

Cycle Type	Parameter	Minimum Set Point
Prevacuum 270 °F (132 °C)	Exposure Temperature	270 °F (132 °C)
	Exposure Time	8 minutes
	Dry Time	60 minutes



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