

CARE AND CLEANING

- ▶ Exos Braces are waterproof and may be worn during bathing or swimming. After immersion, loosen the Brace and thoroughly rinse out any saltwater, lake water, chlorinated pool water, and soap or shampoo. Towel dry the exterior of the Brace. While the Brace is loose, use a hair dryer set on high volume and on warm setting to thoroughly dry the skin under the Brace and the interior of the Brace. Failure to properly wash and dry Exos Braces can result in odor and possible skin issues.
- ▶ If heated to over 130°F (55°C), the Brace may begin to soften and lose its desired shape. If this occurs, it can be reheated and reformed as often as necessary.
- ▶ Do not expose brace to moisturizers, chemicals, or solvents, as they may affect durability.



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no. 10024, Rev C

PRECAUTIONS

- ▶ To be fitted by a certified caregiver or health professional who is familiar with the intended purpose. The caregiver is responsible for providing wearing instructions to the patient and any others involved in the patient's care.
- ▶ The Brace should be appropriately sized to the patient before forming to assure proper support, comfort and function.
- ▶ After heating, the caregiver should ensure that the Brace is not too hot for application to the patient's skin by testing before such contact is made.
- ▶ Do not heat Exos products to greater than 212°F (100°C).
- ▶ Do not use if patient has known hypersensitivity to foams, adhesives, or plastic products.
- ▶ Seek evaluation and discontinue use if unusual swelling, increasing discomfort, or discoloration appears.
- ▶ Seek evaluation and discontinue use if the device causes increased pain or numbness in the hand or thumb.
- ▶ Device should be replaced if cracks or breaks occur.
- ▶ If using adhesive wound closure systems, ensure that the bonding material has dried COMPLETELY before applying the Brace over the affected area. Failure to do so may result in injury to the underlying skin.
- ▶ If the patient is instructed not to loosen the Brace, they should be advised not to get the Brace wet.

INDICATIONS AND FEATURES

- ▶ Provides primary stabilization for the first metacarpal-phalangeal (MCP) and first carpo-metacarpal (CMC) joints, as well as secondary support for the radio-carpal and radio-ulnar wrist joints.
- ▶ Provides stability for injuries to the base of the thumb at the CMC joint, such as Bennet's or Rolando's fractures, or to stabilize a painful CMC joint from arthritis.
- ▶ Also useful for confirmed or suspected navicular (scaphoid) fractures, and for injuries or arthritis involving the trapezium or trapezoid bones of the wrist.
- ▶ Adjustable closure system provides for minute adjustments in circumferential compression of the Brace.
- ▶ Exos braces are radiolucent and do not need to be removed for X-Ray imaging.
- ▶ Does not contain latex.



LTS
w/Boa[®]

INSTRUCTIONS INSIDE

LONG THUMB SPICA WITH BOA[®]

antimicrobial treated*

AEM 5700 Antimicrobial EPA #: Reg. #64881-1

*Antimicrobial treatment inhibits growth of odor causing bacteria and is intended to protect the Brace and does not extend protection to the skin.

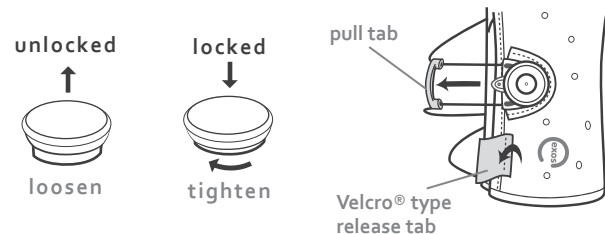


The image shows a white wrist brace with a grey strap and buckle. The text 'LTS w/Boa' is prominently displayed in the top right. Below the brace, there is a dark grey banner with the product name 'LONG THUMB SPICA WITH BOA' in white. Underneath that, it says 'antimicrobial treated*' and provides a regulatory number. At the bottom right, the 'exos' logo is visible.

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OPERATING BOA® LACING SYSTEM

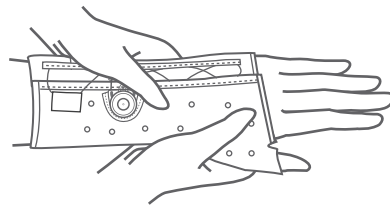
To loosen, lift Boa® knob to unlocked position and use pull tab to simultaneously release cables to their full extent. Pulling only one cable may result in reel malfunction. To tighten, push knob down until it clicks and turn clockwise. Use pull tab to evenly remove slack from cable while tightening. To micro-adjust tension, lift knob to unlock cable and retighten as desired. Knob must be in the down locked position when wearing Brace. The LTS is equipped with a Velcro® type release tab that allows the Brace to open more fully. Replace cable into hook/loop closure when tightening brace on the arm.



HEATING

To heat Brace, fully extend cable, open the Brace completely and place in Exos Oven (other ovens not recommended). Pre-heating oven is not required. Follow heating and operation instructions posted on the Exos oven. The Brace will be properly heated in about 5 minutes but may be safely heated for up to 15 minutes while patient is being prepared. Avoid heating Brace for more than 15 minutes. Proper heating temperature is 200°F (93°C).

FITTING AND FORMING

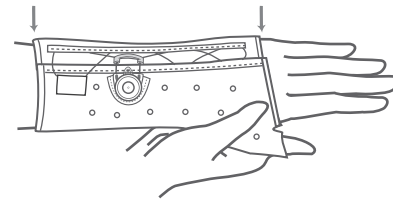


- 1 Remove Brace from oven and place on patient's hand. If the thumb is swollen or swelling is anticipated, the thumb of the Brace can be stretched prior to application while the Brace is warm. It should be pliable and comfortably warm to the touch. Using the hands circumferentially draw the overlapping edges around the wrist and hand. Push the Boa® knob down and tighten **just enough to remove slack**. **DO NOT TIGHTEN BRACE FULLY WITH THE BOA® REEL WHEN WARM. USE THE HANDS TO FORM AND COMPRESS BRACE PROPERLY. Tightening Boa® Reel while Brace is still warm will result in uneven forming and wrinkles.** Check that under-lap is smooth and wrinkle free.

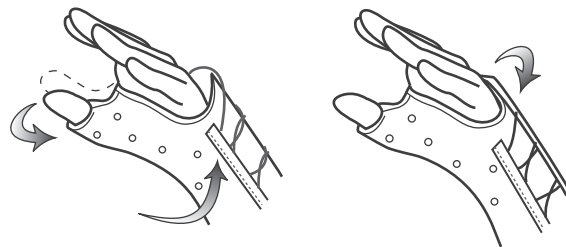
Note

If a functional thumb position (thumb more opposed to fingers) is desired, draw the underlying tab across the back of the hand towards the thumb. This will draw the thumb into a functional position.

Hold the underlap in place and tighten Boa® to remove slack from cable. Check that the underlap is smooth and wrinkle free.



- 2 The edges of the Brace, both proximally and distally, should be aligned evenly as shown with arrows to prevent twisting of the Brace. Use the hands to form a proper fit or reduction. Edges of the thumb and palm areas of the Brace may be flared out just before Brace hardens for greater comfort. As Brace cools and begins to harden, the Boa® reel may be tightened incrementally. The hand forming process should continue until brace is fully hardened in about 4 to 5 minutes. Once Brace is hardened, the Boa® reel may be fully tightened as desired. **The Brace should not be worn too tightly. Allow for some space between the Brace and the arm to avoid shear forces to the skin.**



- 3 A hair dryer may be used to heat small areas and edges to adjust fit. Remove from patient to do so.

Note

The Brace may be reheated and remolded as needed. Exos Braces are radiolucent and can be left on for X-ray imaging.



**DO NOT HEAT BRACE ON THE BODY!
DO NOT OVERHEAT!**

PROPER CARE

If patient bathes or swims with the Brace on, it should be partially loosened and rinsed sufficiently to allow soap, cleaners, chlorine, salt water or bacteria to be washed away. The skin and inside of Brace must then be dried.

It is imperative that the inside surface of the Brace and the skin be completely dry and void of moisture.

- 1 Loosen the Boa® closure until there is ample space between the Brace and skin for air flow. Using warm water, rinse the Brace thoroughly.
- 2 Using a hair dryer set on high volume and warm setting, blow air through both ends of the Brace and through air holes until the skin and inside of Brace is completely dry.
- 3 Retighten the closure until Brace is comfortably supportive.

Note

If the patient is instructed not to loosen the Brace, they should be advised not to get it wet.

