

## Parts & Pieces

The OrthoLux is a modular spinal brace. Each OrthoLux is composed of six components, and there are several add-ons, making for many possible combinations. Therefore, it is impossible to show every specific variation. The six basic parts of the brace are:

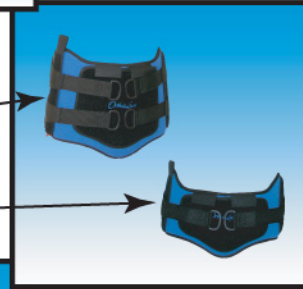
- Front fabric assembly
- Back fabric assembly
- Front polymer Insert
- Back polymer insert
- Right strap assembly
- Left strap assembly

## Complete OrthoLux Braces


- Standard height LSO
- Low Profile height LSO
- Standard height TLSO
- Low Profile height TLSO

## Accessories

- "Mickey"
- Extension Panels (pair of 2)
- Pectoral Extender
- Sternal Extender



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Notice: HOPE Orthopedic does not give medical advice! We are an orthopedic brace manufacturer, not a patient care giver. Contact your orthotist if you have any problems with - or questions about - the function or comfort of your OrthoLux.

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# OrthoLux™

The following are general guidelines for wearing and caring for the OrthoLux™ spinal brace. Your doctor may alter, supersede, or even oppose some of them. He or she knows your medical status and is using the OrthoLux as one part of your total care. It is important to follow his or her instructions exactly, even if they differ from some of the following guidelines.

## Getting Acquainted with Your New OrthoLux Spinal Brace

Your orthotist will have chosen and assembled the proper components (see pps. 5 & 6) when he or she fit you with your OrthoLux brace. Your task is comparatively easy. You merely need to loosen straps and remove one Velcro® panel to take the brace off, and reattach that panel and re-tighten those straps to reapply the brace. (see pps. 2 & 3 for details)



PATIENT INSTRUCTIONS

## Putting the OrthoLux on

1. Loosen the straps in the front of the brace, if they are not already loosened. (They should have been loosened when you last took the brace off, so you can normally ignore this step.)

2. Position the brace so that the back is centered on your spine and so that the lumbar curve of the back insert matches the curve of your spine. (This sounds complicated, but it just means to place the back of the brace in its natural - and most comfortable - position on your back.)

3. Fasten the right-side strap panel by holding the front of the brace in your left hand and the right strap panel in your right hand and pressing the Velcro hook of the strap panel onto the Velcro loop of the front brace panel.

4. Tighten the straps, bringing opposing straps together simultaneously. If you have a brace with only one strap per side (a "low-profile" front), you just do this once. If you have two straps per side (a standard front), pull one set snug but not tight, then tighten the second set, then return to the first set and tighten it.

5. Verify brace orientation by making sure that the back of the brace is centered on your spine - usually the front black pocket will be centered as well - and that the brace is the correct vertical height on your body (by making sure the curve of the small of your back is accurately "spooned" by the brace's back polymer insert.

6. If your OrthoLux has a chest plate (Extender™) with over-the-shoulder straps, you can either put the brace on like a shirt, slipping your arms through the straps, or, if that is too difficult for you, you may loosen one of the straps before you doff the OrthoLux, then re-tighten the strap after donning it.

## Taking the OrthoLux off

1. Loosen the straps in the front of the brace, placing the Velcro hook onto the side strap assemblies but not on the front fabric component.

2. Unfasten the right strap panel by holding the front of the brace in your left hand and the right strap panel's loop in your right hand and pulling the Velcro hook of the strap panel from the Velcro loop of the front brace panel.

3. Lay the brace down in a safe place. Take care that the Velcro hook of the brace straps does not come in contact with knit fabrics, which it could fasten itself to and damage.

## Wear a soft under-sleeve

We recommend wearing a cotton t-shirt or similar garment under the brace. There is nothing wrong with wearing the brace directly on the skin except that you will have to wash the brace much more often. It's better to throw a t-shirt in the wash daily and keep the brace clean as long as possible.

## Tip

If donning the OrthoLux brace is difficult for you, an easier method might be to lay the brace flat on the bed with the inside facing up, then lie down on top of it in the correct position. It will be easier to fasten in the front this way for two reasons: 1) You don't have to hold the brace in place against gravity, and 2) the position of lying supine (on your back, facing up) allows gravity to pull your soft tissue inward, thus easing the pressure resisting the tensioning of the straps.

## Caution

After you take the OrthoLux orthosis off, always make sure that the Velcro hook (the part that is rough to the touch) is covered so that it cannot come into contact with delicates or knit fabrics, which it could damage.

Be sure to fasten the black Velcro hook to the black Velcro loop. Do not repeatedly fasten the black Velcro hook to the blue fabric. This Velcro fabric is indeed "hook compatible," but only for a few repetitions. It is not designed - as is normal Velcro loop - to take repeated cycles.

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## Care

Remove the black polymer (plastic) inserts from the pockets. Hand wash with mild soap and cool water. Dry flat between bath towels.

Before you remove the polymer inserts from their pockets, take care to mark them so you can return them exactly as they were! Replacing them in-side out or up-side down will destroy the careful fit your orthotist has created. If you do not remember how the polymer inserts were, look for the label. Each polymer insert normally has a small label placed in the inside (toward the body), centered near the top end. In the event an insert has lost its label, here are some tips: 1) The front insert is flat on top and curved on the bottom. 2) The back insert is wider at the base and narrower at the top. 3) As to inside/outside, simply match the curves with the shape of the body. 4) Each lateral insert's curve is in the upper half and toward the body.