

Long & thin

Example 1



Example 2



Example 3



With Your® Liner

Limb



3D model



Your® Liner



Indication

Residual limb exhibits an elongated aspect ratio (long stump with thin circumference).



Key features



Anatomically tailored



Adjustable thicknesses

Typical issues

No off-the-shelf liner available in adequate length / size

For long and thin residual limbs, it is often not possible to find an off-the-shelf with such a length and narrow circumference.



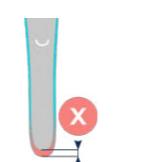
Excessive pressure on tibial tuberosity at end of stance phase

During gait, at the end of the stance phase, the limb applies a moment in the socket which can lead to pressure spikes on the tibial tuberosity. With long limbs, the long lever increases this moment, which leads to higher pressure being applied on the tibial tuberosity.



Limited space for fitting foot with too-thick off-the-shelf liner

Ankle disarticulation residual limbs are inherently long, and there is often a limited clearance to fit a prosthetic foot underneath. In some cases, every millimetre counts.



Off-the-shelf liners, which are most often designed for transtibial stumps, often provide a thick distal cushion, which can not leave enough height to fit the prosthetic foot.

Tailored shape, no limitation on minimum circumference

There is no boundary on the minimum circumference in which a Your® Liner can be made. With the further possibility of making 65cm long liners, most AD residual limbs can be fitted, even the ones with extreme length to circumference ratios.

Min circumference: No lower limit ; Max height: 65cm

Padding on tibial tuberosity

With the possibility of adjusting the local thicknesses, Your® Liner can include a cushioning pad in front of the tibial tuberosity, to protect it from the loading cycles.

Thin distal cushion

With the possibility of adjusting the local thicknesses, Your® Liner can be made with a thin distal cushion, to leave as much space as possible under the residual limb to fit the prosthetic foot.

Further than the space issue, a thin distal cushion can be beneficial in terms of pistoning and weight (if the patient does not have a pressure-sensitive distal end, which can often be the case with ankle disarticulation patients).

How can Your® Liner help ?

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