

Pear-shape, Scar & Invagination

Example 1



Example 2



Example 3



With Your® Liner

Limb



3D model



Your® Liner



Indication

The residual limb exhibits a pear-shape. At least one distal circumference is substantially larger than a more proximal circumference.



Typical issues

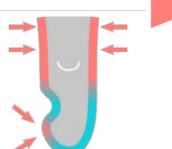
Off-the-shelf liner leaves air pocket in concavity

An adequately-sized liner can be too-wide to properly match the shape of the thin mid-stump segment, thus leaving air pockets between the liner and the skin.



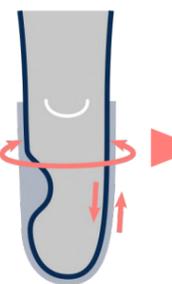
Off-the-shelf liner is too tight

A liner matching the thin mid-stump segment can be too tight for the rest of the stump, and apply excessive compressions in some areas of the residual limb.



Sub-optimal suspension with soft-socket

To compensate the pear-shape, soft sockets (pelite liners) are often used. Such soft sockets often include a longitudinal opening so the stump can be inserted into it, which makes the fit loose. Such a loose fit can lead to rotation inside the socket, and pistoning movement.



Other socket adaptations

Other ways to compensate the pear shape include socket inserts, boa systems, openings in socket, modular sockets, etc. Such sockets all come with their limitations, such as poor fit and in-socket movements, sub-optimal socket design leading to non-homogeneous weight-bearing and pressure peaks.

Key features



Anatomically tailored



Adjustable thicknesses

Adapted shape and compressions

With its custom shape and adapted compressions, Your® Liner provides a close fit and adequate compressions all over the limb, eliminating the issue of too-high or too-low compressions, and of air pockets between the liner and the stump, thereby reducing the risk of impeded blood flow, discomfort and excessive sweating.

Compensated liner & in-socket vacuum suspension

The possibility of controlling the local thicknesses enables the possibility to perfectly compensate the pear-shape to obtain a cylindrical shape able to normal socket (no need for soft socket, inserts, boa, modular systems, etc.).

Compensating the pear-shapes further enables the use of our "Suction" suspension for In-socket suspension (without sleeve).

How can Your® Liner help ?

