

# PEDIATRIC ARTICULATED AFO

The Spentys articulated Ankle Foot Orthosis(AFO) is made with nylon PA11 or PA12 with Multi Jet Fusion (MJF) technology, which provides excellent surface finishing, resistance and flexibility.



Book a free demo here



## Indication for use

The B8 design assists with mobility and motor skills of children with cerebral palsy, spina bifida, muscular dystrophy, clubfoot. The implemented joint articulation ensures a more functional foot position for the patient. It can be incorporated into shoes as well.

## Design

- ✓ **Choose the range of plantarflexion:** plantar stop bumper at 90 degrees or free plantarflexion.
- ✓ **Freely draw the trimlines** of your device to decide if you cover or not the malleoli, or if you include extra support to the medial side.
- ✓ **Choose your size** (pediatric or medium) and type (free motion or dorsiflexion assist) of flexure joint depending on your patient's pathology.

You can have full authorship of the design process

- ✓ **Choose the thickness** per area.
- ✓ Sculpt the limb to **add local offsets** to release pressure points like the malleoli.
- ✓ Add a **general offset** to fit in a sock or add foam.

## Customization

- ✓ **Closing systems:** choose from our variety of closing systems (integrated belt loops, normal belt loops, holes for rivets) and different locations within the AFO (instep, proximal calf, distal calf). We provide high quality straps as well.
- ✓ **Personalization:** give your patient the choice of the color and drawing engravement from our library, to help them embrace their orthosis. (NB: Default color is black, not grey because of vapor smoothing).
- ✓ **Pattern:** you can pick to have a solid material or add small alveoli pattern to increase breathability and aesthetics.
- ✓ **Finishing:** all our AFOs are vapor smoothed to improve surface finishing and resistance.

## Requirements

To create a custom-made AFO that perfectly fits your patient needs we require:

A scan of the loaded foot and lower leg done with a transparent scan support.

Your patient's weight is

<45 kg