

# ReStore™ Initial Patient Selection

## ReStore Indications for Use:

The ReWalk ReStore™ is intended to be used to assist ambulatory functions in rehabilitation institutions under the supervision of a trained therapist for people with hemiplegia/ hemiparesis due to stroke. The trained therapist must successfully complete a training program prior to operating the device. The device is not intended for sports or stair climbing.

## Intended Patient Population

Before using the device, confirm that the patient meets the following prerequisites:

- Presentation of hemiplegia/hemiparesis resulting from stroke
- Height between 142 cm and 192 cm (4' 8" -6' 3")
- Weight less than 120 kg (264 lbs.)



## Patient Selection - Contraindications

People with the following conditions should not use the ReStore Device:

- Serious co-morbidities that may interfere with ability to safely use the ReStore
- Severe Peripheral Artery Disease (PAD)
- Unresolved Deep Vein Thrombosis (DVT)
- Range of Motion (ROM) restrictions at the ankle that preclude safe walking
- Cognitive or psychiatric concerns that may interfere with patients' ability to follow instructions for safe operation of the device
- Presence of open wounds or broken skin at device locations
- Urethane allergy
- Current Pregnancy

## Patient Selection - Precautions

Patients with the following conditions may require additional monitoring or support (such as, but not limited to, overhead harnessing) to ensure that they are safe and appropriate to use the ReStore device:

- Severe aphasia limiting ability to express needs or discomfort verbally or non-verbally
- Patients requiring significant assistance or support to ambulate short distances
- Uncontrolled Spasticity
- Moderate to Mild Peripheral Artery Disease (PAD)

## Ideal Patient Characteristics for Initial Demonstrations:

Although ReStore is compatible with the wide variety of patients as described by the intended patient population, patients with the following characteristics are suggested for demos or for therapist training sessions:

- Significant foot/ankle impairment but minimal hip/knee/trunk impairment
- Patients who are ambulatory, requiring no more than Min Assist (with any assistive device)
- Full Passive ROM at paretic ankle
- Absent to minimal spasticity throughout paretic side
- Full cognitive and expressive abilities, motivation to try something new

## Patient Preparation

### Patient Attire Requirements

- Shorts or long pants that can be pulled above the knee, exposing skin of lower leg
- Athletic shoes with non-integrated tongue and adequate volume in the forefoot to accommodate insole. If subject has shoes that are ½ to 1 size larger than they usually wear, these are recommended. High-top style shoes are not recommended with the ReStore device.

## Suggested ReStore Activities

ReStore is designed to be used in a variety of scenarios such as the following, as determined appropriate for each individual patient\*:

- Over level ground
- With overhead, bodyweight support system
- On a Treadmill
- With adaptive equipment such as a cane or rolling walker

The below table describes some of the activities which can be performed in each of the ReStore modes:

Assist Mode	Slack Mode	Brace Mode
<ul style="list-style-type: none"> <li>- Evaluate walking speeds and gait quality after establishing appropriate assistance for ground clearance and paretic forward propulsion</li> <li>- Practice functional walking by transitioning between different walking speeds, step lengths, or direction.</li> <li>- Maximize session intensity by increasing the duration or speed of walking activities as tolerated by the patient.</li> </ul>	<ul style="list-style-type: none"> <li>- Evaluate walking with no assistance to establish a baseline or evaluate carry-over and retention.</li> <li>- Challenge patient to replicate walking patterns from assist mode while walking without assistance</li> </ul>	<ul style="list-style-type: none"> <li>- Provide support during standing or navigation between training activities.</li> <li>- Provide support during other activities within the session, (e.g. balance, side-stepping, or backwards walking)</li> <li>- Evaluate performance with support similar to an AFO</li> </ul>

\*The above activities are examples of the capabilities of ReStore and are not intended as specific recommendations for an individual patient.