

## *RSLSteeper ARGO*



*Pediatric Patient in ARGO 25*

- Helps paraplegics “walk” with crutches or a walker
- Three sizes for adults and children
- Gas struts help user stand, get in & out of car
- User can put it on while seated
- Brace can be worn under clothing
- Uses a single, low-friction shrouded reciprocal cable
- Options include foot-plates and hip abduction joint
- Trial model available for patient evaluations

The **Advanced Reciprocating Gait Orthosis (ARGO)** from **RSLSteeper** offers the paraplegic patient a new level of independence. The patented, low-friction, push/pull drive cable and the all-metal, prefabricated pelvic girdle require no adjustments. Back tubes are available in a range of sizes to fit each patient. Knee-lock cables connect the hip and knee joints, so users activate only one lever to sit and to stand. When seated, the user simply bends forward from the hips to unlock the knees. Gas struts assist with knee extension, making it easier for the user to stand up. When the ARGO’s hip joints straighten, the knees lock automatically, so the user is ready for reciprocal gait.

Unlike other RGOs, the ARGO features knee joints that lock automatically in two positions: 105 degrees for sitting, and 180 degrees for standing and ambulating. On each hip yoke there is a simple mode-selector lever, which can be activated through clothing. The push/pull drive cable is attached to a hip linkage on each side. These linkages are in turn attached to the knee-lock cables. Whenever the knee-lock cables are slack, the knee joints are locked. In the sitting mode, the hips are free to pull on the knee-lock cables. In reciprocal mode, they are locked into the hip yoke to enable reciprocal gait.

### **Evaluating the ARGO Candidate**

The family of ARGOS can provide significant physical and psychological benefits to users who are otherwise confined to a wheelchair. However, walking with the aid of an ARGO requires considerably more energy than using a wheelchair. After careful assessment by a clinical team that includes an orthotist, a physical therapist, and a physician, potential ARGO users must be counseled to ensure their understanding of and commitment to upright posture, but limited ambulation. To facilitate this process, practitioners can request the loan of the **Assessment ARGO**, a trial brace for use with potential ARGO candidates.

## *RSLSteeper ARGO*



*Assessment ARGO Trial Brace*

Assessment ARGOs are fully adjustable to help orthotists and therapists evaluate, with a high degree of certainty, whether their paraplegic patient has the upper-body strength, balance, and motivation to be a successful ARGO user. Patients use the Assessment ARGO in the clinical facility to practice sitting, standing, and ambulating with parallel bars. If they master these skills on the Assessment ARGO, you can be confident that an ARGO is the correct prescription. In fact, demonstrating proficiency with the Assessment ARGO may help in obtaining the required "letter of medical necessity" from the physician. Assessment ARGOs are available to qualified facilities on a loaner basis (with a modest set-up charge) for adult and juvenile patients.

### **Assembling the ARGO**

Due to the ARGO's modular design, assembly time is reduced from days for conventional RGOs to hours. Orthotists can either fabricate the Ankle-Foot Orthoses (AFOs) and assemble the brace in their own shop, or they can have the brace centrally fabricated from the patient measurement chart. If an Assessment ARGO was used, this can serve as a template for the definitive brace.

As an alternative to traditional AFOs, many patients have found that they prefer the convenience of **Universal Foot Plates** (AR160/161). These substitutes for AFOs are easier for the user to don, because they go over athletic shoes rather than inside. The user simply slips their shoe into the Foot Plate and secures the Velcro straps. We offer **Universal Foot Plates** (AR160/161).

## *ARGO25 - weight limit 25 Kilos (55 pounds)*



*ARGO 25 Assembled*

### **AR200 Basic Pediatric Advanced Reciprocating Gait Orthosis Kit**

- *for child patients weighing up to 25 kilos (55 pounds)*
- *shown assembled*

## ***RSLSteeper ARGO***

### ***ARGO60 - weight limit 60 Kilos (132 pounds)***



*ARGO 60 Assembled*

#### **AR300 Basic Intermediate Advanced Reciprocating Gait Orthosis Kit**

- *for small adults and teen-age patients weighing up to 60 kilos (132 pounds)*
- *shown assembled*

### ***ARGO90 - weight limit 90 Kilos (200 pounds)***



*ARGO 90 Assembled*

#### **AR100 - Basic Adult Advanced Reciprocating Gait Orthosis Kit ARGO90**

- *for adult patients weighing up to 90 kilos (200 pounds)*
- *shown assembled*

# *RSL Steeper ARGO*