



PROGETTIAN AUTONOMIA

 ENGLISH

www.progettiamoautonomia.it

TOMMY RUN

Tommy is a stabilizing walker that allows child to maintain the upright assisted position and to move independently. It was designed for use with Salera orthoses. Allows walking and exploring the environment despite the difficulties caused by the orthoses.

Light and sliding

Ergonomic, highly maneuverable and adjustable, it suits user needs. The idea behind Tommy is to develop a highly slim and lightweight product thanks to the use of ultra light wheels and an aluminum profile frame.

Different sizes

Available in three sizes to fit user needs and growth. It's possible to insert a multi-adjustable knee support for better user positioning. There is also an electrification system that allows the use of Tommy Run via a joystick.

	SIZE 1	SIZE 2	SIZE 3
Wheel diameter	24"	28"	32"
Min. user height	55cm	80cm	80cm
Max. user height	90cm	120cm	150cm
Max fixing strap height	65cm	84cm	97cm
Fixing strap edge	14cm	14cm	21cm
Platforms edge	8cm	8cm	8cm
Min. platform height from the floor	3,5cm	3,5cm	3,5cm
Total width	50cm	60cm	65cm
Total lenght	58cm	70cm	70cm
Anti-tilt width	42cm	50cm	50cm
Steering width	31cm	56cm	56cm
Wheel joint width	15cm	21cm	21cm
Max load	50kg	50kg	50kg



TOMMY RUN



Leg abduction



Multi-adjustable knee support



Removable upholstery

To be combined with HKAFO orthosis



FLIPPER

Autonomy

Flipper consists in a walker with chest, pelvic straps and a sit bar; it is hands free and open to the environment. With this features it stabilizes head-shoulder-trunk-pelvis alignment and it also helps self propulsion. Comes standard with swivel castor lock, non-reverse brakes, tilt adjustment clamps and length adjustable base frame, which can be used indoor/outdoor.

Making it easier

An adjustable tension spring provides an upward thrust, this helps walking and strengthening muscular and motor functions. Free movements are possible thanks to the anterior opening, which makes easier the movement of the upper limbs and allow exploring.

Multifunctional uses

It can be locked beside a table to help the strength development, and stability, either it can be used in rehabilitation, as child support in walking or standing upright.



	SIZE 1	SIZE 2
Total maximum height - cm	111	121
Frame length - cm	70 - 80	70 - 80
Frame width - cm	53	59
Tilt Adjustment - °	70 - 95	70 - 95
Pelvis garments width	21 - 37	21 - 37
Product weight - kg	11	12
Max load - kg	30	40

FLIPPER



RIKI

Smoothness

Riki is a posterior walker support that allows the child to maintain the upright position, stabilizes the trunk and provides support for the upper limbs. For indoor use only.

Extremely lightweight and sliding, the all-aluminum structure and 4-wheel drive facilitate maneuverability in home environments and encourage walking, even with reduced force.

Circular base

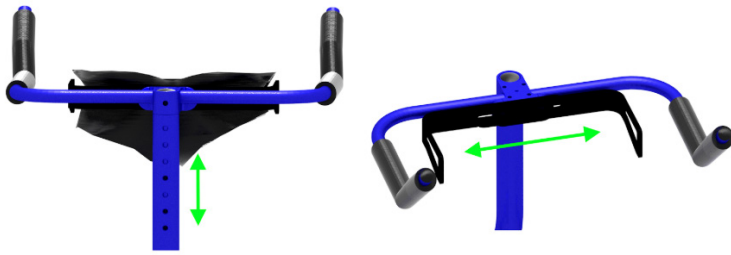
The circular structure guarantees the walker stability and promotes the gait, giving the child a feeling of protection, support and better balance management. It allows the child to walk around, supporting the trunk on lateral swinging of center of the mass, permitting to walk without limitation and any help.

Hip and upper limb support

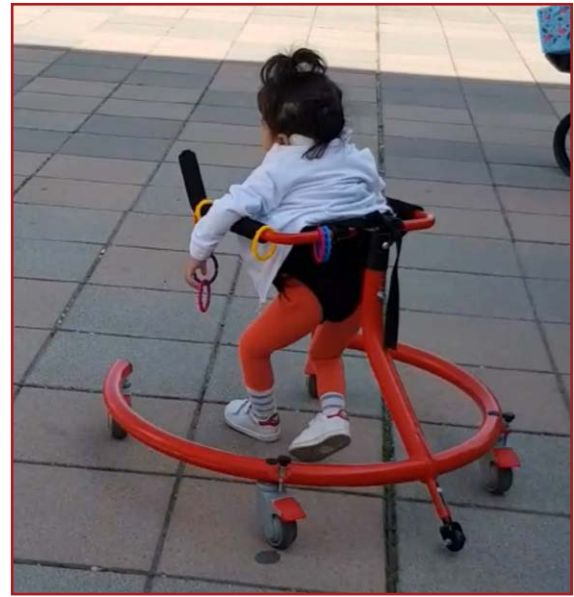
Pelvis and upper limbs supports allow the trunk to be extended and make easier the postural control to encourage lower limbs weight bearing and promote the gait pattern.

TECHNICAL SPECIFICATIONS	SIZE 1	SIZE 2
MAX LOAD	45 kg	45 kg
MAX USER HEIGHT	110 cm	110 cm
WEIGHT	4,5 kg	4,5 kg
LATERAL DIAMETER	81,5 cm	81,5 cm
FRONTAL DIAMETER	65 cm	65 cm
HEIGHT	62 - 75 cm	62 - 75 cm
BASIN SUPPORT WIDTH	17 - 22 cm	25 - 32 cm
HANDLEBAR WIDTH	36 cm	46 cm





adjustable in frame height and pelvis width



MOONWALKER

Autonomy

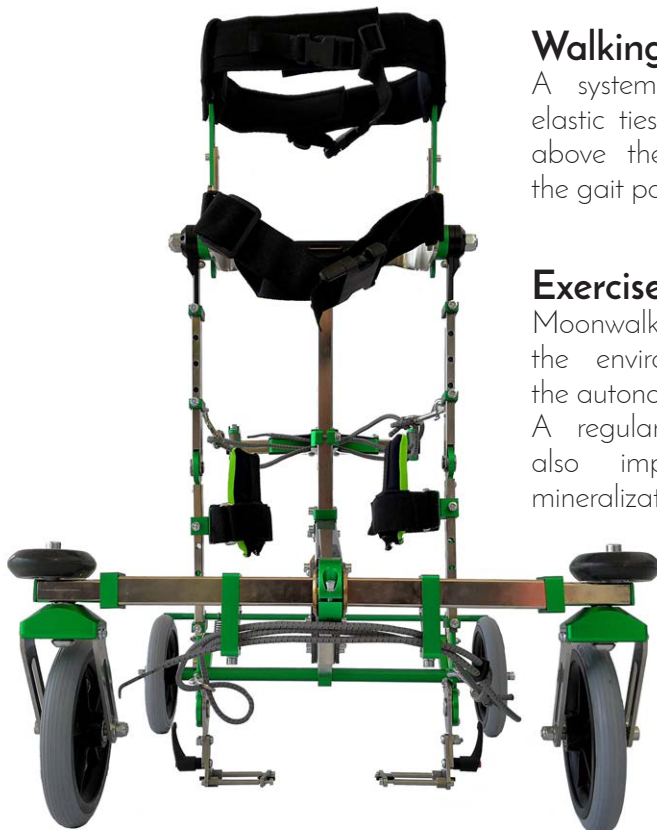
Moonwalker is a support system for standing upright and locomotion. It promotes the development of residual functional resources in children with neuro-motor disabilities.

It consists of two functional units: a mobile support frame and an orthosis supporting the body weight



Making it easier

A system of double reciprocation, anteriorly mediated by elastic ties hooked on the distal third of the leg and posteriorly above the knee, allows the child to train walking favoring the gait pattern



Walking

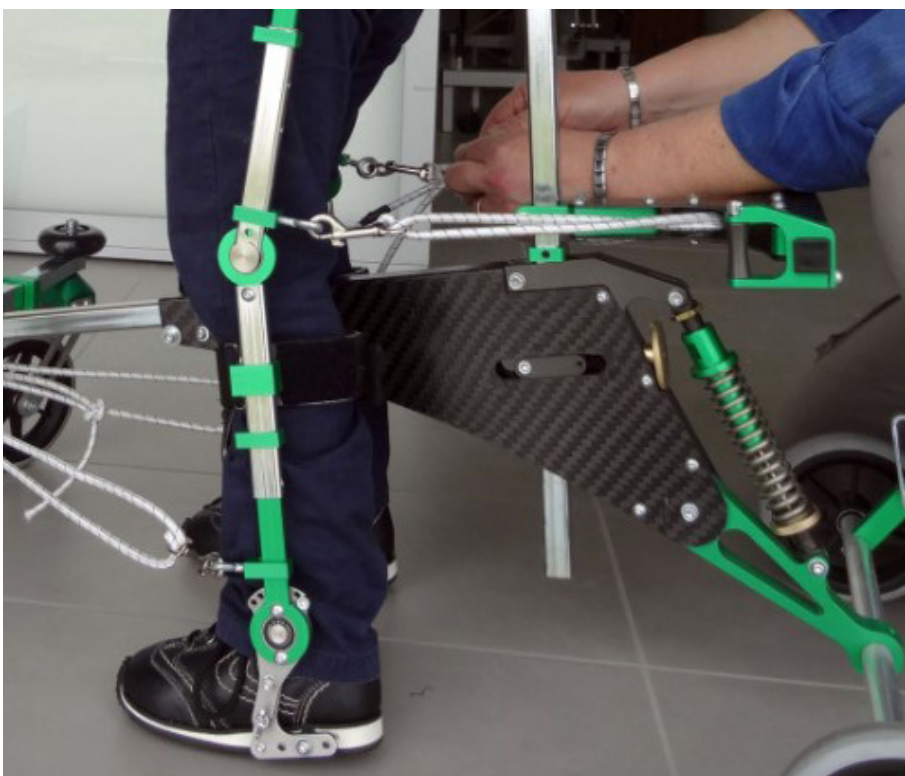
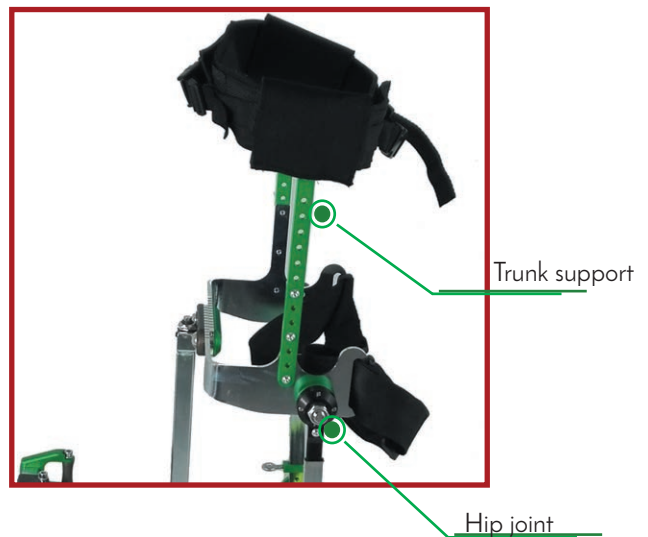
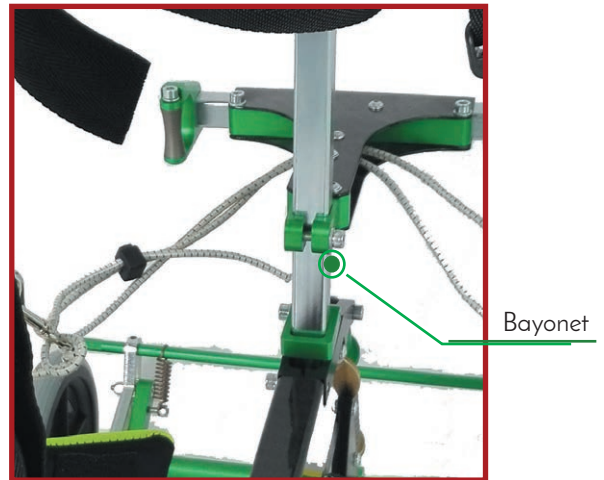
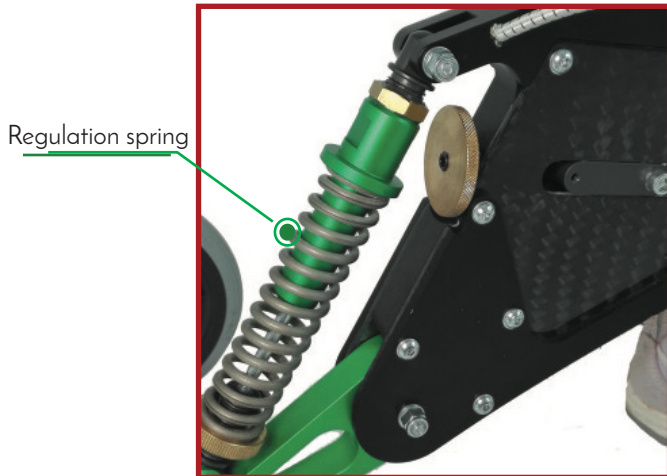
A system of double reciprocation, anteriorly mediated by elastic ties hooked on the distal third of the leg and posteriorly above the knee, allows the child to train walking, favoring the gait pattern. motor disabilities.

Exercise

Moonwalker allows the child to exercise walking and explore the environment, supporting daily activities and improving the autonomy.

A regular activity associated with an appropriate training also improves the child's overall performance, bone mineralization, muscle strength and extensibility.

MOONWALKER



KOALA

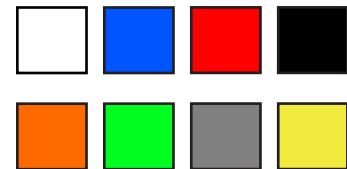
Koala is designed to provide postural support to the user. Koala is useful in case of aposturality, flaccidity, initial hypotonia and stereotyped posture in flexion with possible risk of deformity in the akinetic form. Koala supports the user growth, from the age of 4 months to 4 years. The light weight of Koala allows the parents to move the user without removing it. Koala is built in breathable materials to minimize sweat production.

The coating and padding are made with completely washable antibacterial materials. Koala aims to let the user free to explore the surrounding environment.

TECHNICAL SPECIFICATIONS	SIZE 1	SIZE 2
AGE	0-2 years	2-4 years
MAXIMUM USER HEIGHT	60-85 cm	75-100 cm
MAXIMUM USER WEIGHT	12 kg	17 kg
MAXIMUM LOAD ON THE TABLE	3 kg	5 kg
MINIMUM SIDE SPACE	25,4 kg	34 kg
MINIMUM FRONTAL SPACE	28 cm	37 cm
SEAT WEIGHT	3 kg	5 kg
USER SUPPORT PARAMETERS		
MAXIMUM HEADREST HEIGHT	35 cm	50 cm
PLACKET HEIGHT	18-31 cm	20-36 cm
BACKREST HEIGHT	25-33 cm	29-37 cm
BACKREST PRONATION	30°	30°
BACKREST SUPINATION	50°	50°
ARMREST HEIGHT	11-17 cm	15-21 cm
ARMREST DEPTH	21,5 cm	28 cm
ARMREST PRONATION	80°	80°
ARMREST SUPINATION	80°	80°
SEAT DEPTH	12-21,5 cm	20-33 cm
MAX. LEG LENGHT DIFFERENCE	4°	6°
ADDUCTION	22°	20°
ABDUCTION	45°	43°

Use

It is extremely light and easy to carry on. The structure is entirely 3D-printed and is available in a wide range of colors.



Adjustable

With some regulation, Koala is able to support the user growth.



ELEPHANT

BASE FRAME

Indoors base for serial and customized postural seating system. Ideal to take care of the user in the domestic environment. It has several peculiar characteristics:

- Monoarm design
- Adjustable armrests and table
- Independent footrests
- Ackrest to fix the custom seating system and the cervical traction device
- Interface for other seating systems
- Equipped with tilting system
- Equipped with height regulation



TECHNICAL SPECIFICATIONS	SIZE 1	SIZE 2
AGE	0-2 years	2-10 years
MAXIMUM USER HEIGHT	80 cm	140 cm
MAXIMUM USER WEIGHT	40 kg	40 kg
MINIMUM SIDE SPACE	60 cm	76,5 cm
MINIMUM FRONTAL SPACE	50 cm	59 cm
TILT	40°	40°
BASE WEIGHT	12 kg	13 kg

Koala with Elephant frame



PAXO

Paxo is designed to assist and support the user to perform upper limbs movements. Paxo is useful in cases when the muscular activity of the upper limbs is reduced due to neuromuscular disorders.

Paxo aims to support upper limbs movements during daily actions such as feeding, writing and social-activities, lightening the weight of the limbs and managed objects. In this way, the user is able to use the residual muscular activity to accomplish the intended movement. The amount of weight relief is managed by adding simple elastic bands on the structure.

Use

Paxo is extremely light and easy to assemble/disassemble from the corset.

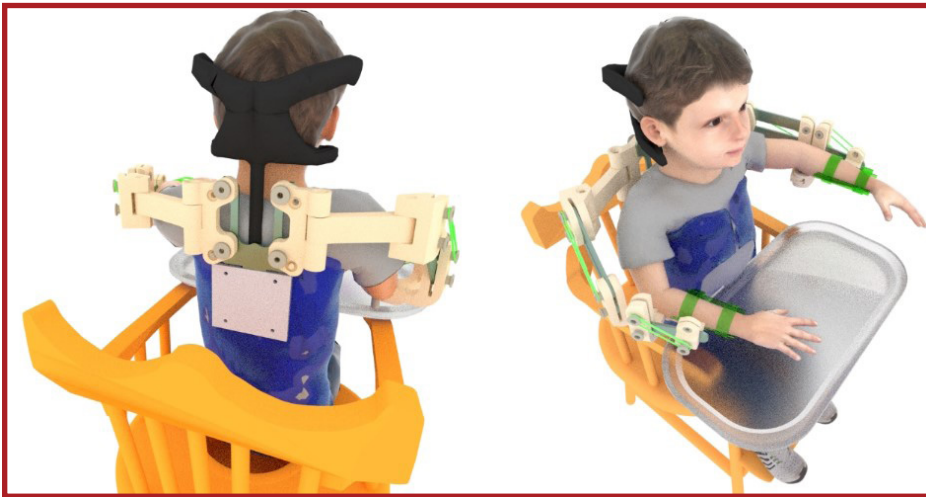
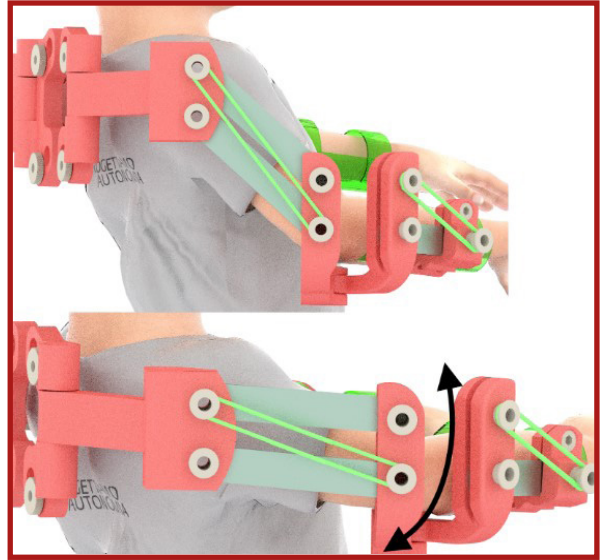
It is easy to manage since it can be used with any type of elastic bands. The structure is entirely 3D-printed and is available in a wide high range of colors.

Adjustable

With some regulation, Paxo is able to support the user growth.

TECHNICAL SPECIFICATIONS	SIZE 1	SIZE 2
AGE	0-2 years	2-5 years
MAXIMUM USER HEIGHT	86 cm	112 cm
MAXIMUM USER WEIGHT	12 cm	18 cm
MAXIMUM LOAD ON THE HAND	0,2 kg	0,2 kg
WEIGHT OF SUPPORTS	0,43 kg	0,68 kg
ARM LOAD LENGHT	12-14 cm	16-19 cm
FOREARM ROD LENGHT	8-10 cm	11-14 cm
APPROXIMATE WRIST CUFF LENGHT	8 cm	12 cm
APPROXIMATE WRIST BAND WIDTH	3,5 cm	5,5 cm





WAVE

A stander for all positions

Wave is a stander that combine the option of vertical standing, prone and supine positioning. You can change positions through gas piston and stop the device in any intermediate position for the progressive achievement of the desired one.

In addition to the tilt adjustment (to reach prone or supine or vertical position), it provides support to the upper body, pelvis, knees and ankles. You can arrange independent adjustment of the foot supports height, to assist impairments or distribute asymmetrically the load on the lower limbs. Foot supports can be adjusted in intra-extra rotation, plantar flexion and dorsal flexion. In order to support any muscle retraction, you can adjust the flexion angle of the knees.

Telescopic base

Wave has a single telescopic base that can grow easily. This allows switching from size 1 to size 2 by replacing only the central aluminum bar.

Available in 3 sizes and complete with accessories

In standard configuration, it's equipped with supports and accessories for a correct positioning. Comfortable padding, easily washable belts and harnesses.

Size 1: for users from 65 to 90 cm height;

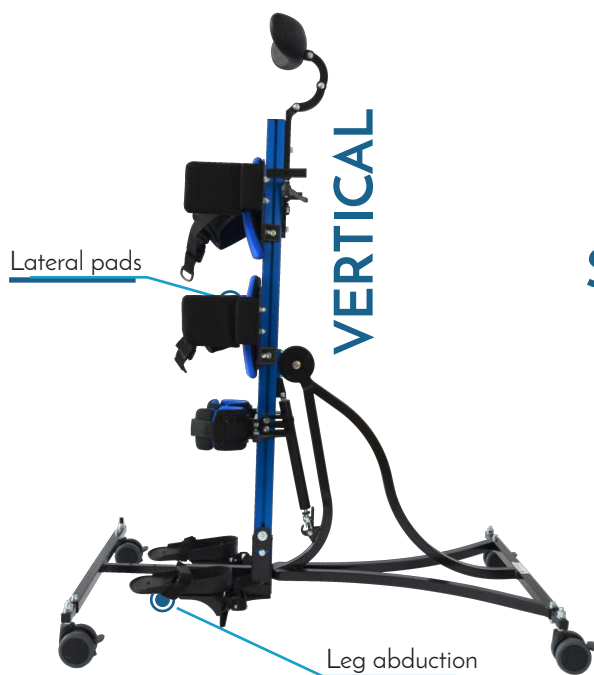
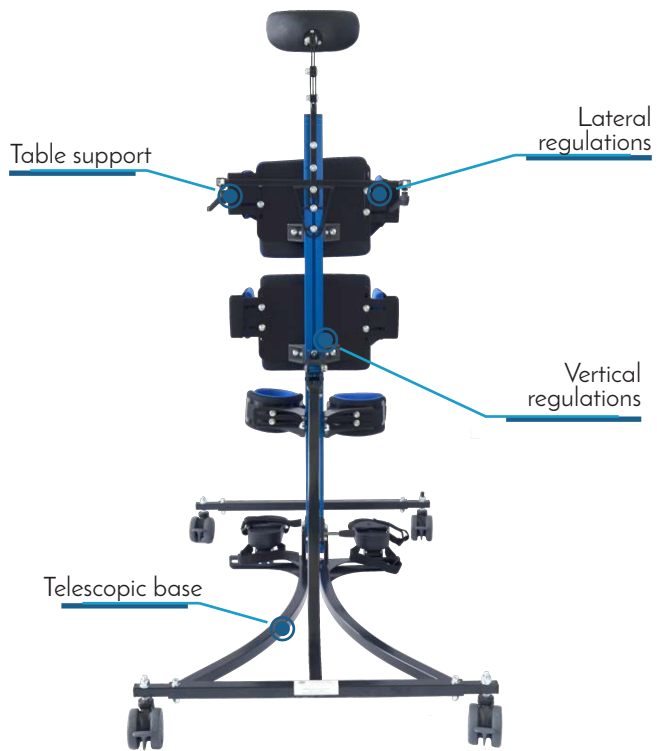
Size 2: users from 90 to 125 cm height;

Size 3: Users from 120 to 147 cm height.

	SIZE 1	SIZE 2	SIZE 3
User height - cm	65 - 90	90 -125	120 -147
Basin width - cm	16 - 28	16 - 28	20 - 35
Chest width - cm	16 - 28	16 - 28	20 - 35
Standard lenght - cm	80-95	80-95	80-95
Standard width - cm	72-85	72-85	72-85
Degree of knee flexion	0 - 25°	0 - 25°	0 - 25°
Degree of foot flexion (supine/prone)	0 - 20°	0 - 20°	0 - 20°
Max load - kg	28	35	35



WAVE



FLEXA

FLEXA is a dynamic, tailored and entirely customized elasto-compressive orthosis designed to reach individualized therapeutic goals. It gives high stability and support of affected body parts to improve motor functions and to correct maladaptive postural positions.

It can be made on all body districts depending on the individualized therapeutic project. Different parts such as body, glove, socks and pants are handcrafted following specific individual-based specifications. Once realized, the orthosis is delivered to the user and goes through periodic checks to eventually being modified with respect to the evolution of the clinical picture.

Flexa is made with elastic, hypoallergenic and breathable materials. It is composed of a tailored base to which elastic reinforcements and rigid or semi-rigid inserts are added, in order to facilitate the corrective alignment of anatomical segments. Materials are the result of a combination of cotton, polyamide and elastan, with different percentages defined by the clinical needs. Elastic reinforcements can be tensioned according to specific requirements, and rigid or semi-rigid thermoplastic materials can be applied on the orthosis through dedicated pockets.



POSTURAL

PREFERENTIAL APPLICATION AREAS Cerebral palsy
Genetic syndromes
Neuromuscular diseases

INSERTS Rigid or semi-rigid

MATERIAL Higher percentage of polyamide

STABILIZATION OF PROXIMAL SEGMENTS

ACTIVE

PREFERENTIAL APPLICATION AREAS Cerebral palsy
Genetic syndromes
Metabolic disorders
Ataxia
Sport

INSERTS None

MATERIAL Higher percentage of elastan

DYNAMIC IMPROVEMENTS (WALKING AND LIMBS MOTOR CONTROL)

THE TRUNK AND HIP BRACE

The trunk and hip brace are indicated to promote axial proximal stability and facilitate upper and lower limb movements (manipulation, postural support, walking, etc.).

It promotes:

- The axial alignment of the trunk and head on sagittal and frontal planes when seated, to correct and/or prevent kyphosis, lordosis and scoliosis.
- The control and stabilization of the trunk and hip in static and dynamic situations;
- The reduction of internal/external rotation and adduction/abduction of the hip during walking;
- The stabilization of the shoulder, to help adduction and external scapulohumeral rotation;
- Proprioception and bodily awareness.



LOWER LIMBS

FLEXA socks are especially indicated for walking patients, to favour:

- Stabilization of the cavity in the support phase
- Pre-positioning of the foot during suspension of the foot march (dorsiflexion of the tibial-tarsic)
- Pronation or supination and the valgism or varus of the foot
- Reduction of the grasping reaction of the toes.

UPPER LIMBS

FLEXA gloves are used to improve the motor functions of the hand and/or as positional orthopedic brace to prevent secondary damages It favours:

- The abduction of the thumb and the extension of the fingers
- The stabilization of the wrist correcting flexion, extension or lateral deviations
- The use of the clamp and the coordination of the grasping and manipulation gesture
- Pronation/supination of the hand.
- The elbow extension (when a long glove is used)



GENIUS

GENIUS

Genius is a postural unit, custom-made, adapted to the specific needs of the patient. It may have a maintenance, support, compensation and decubitus prevention function.



Custom made

It has an anatomical preformed basis, but thanks to its customizable components, it can be made to measure for the specific needs of the user.



Elements for the customized configuration

It can be customized on the following parts: semi-rigid basis cushion, abduction wedge, adductor wedges, lateral supports for the pelvis, breathable material 3DX ischial area, anti-decubitus material ischial area, total cushion cover with anti-decubitus material, and lining for incontinence.

GENIUS X

Genius X is the perfect cushion for active people, it is made by different antidecubitus materials with various densities. It has been conceived to guarantee a good position and the right weight distribution.



Comfortable and lightweight

Genius X is conceived as an anti-decubitus cushion, relatively postural, slightly shaped in the front profile. It is composed of various materials, each of which with a different intensity.

Breathable

The breathable lining and the different materials used internally have been designed to guarantee the maximum of transpiration



Different heights and sizes

It is possible to buy the cushion in the standard sizes or require one of the customised sizes. The cushion can be 5 cm or 7 cm high.

HEADRESTS



Supporting and positioning

Among the simple supports we have pads of different sizes, more or less shaped, with or without side flaps. Positioning systems are more sophisticated and reflect the need of adaptations and postural corrections particularly complex. They include occipital and suboccipital supports, lateral pads, and they can integrate alternative commands for the management of the electric wheelchairs. This therapeutic tool, of the latest generation, works on active control of the head, acting through the neck support. It conceptually brings back the anchor device of Formula 1 drivers.

Applications

It can be applied to patients too weak to support the head over time, hypertonus and extensors spasm associated with little control of the head (lateral movements and falls of the head with a normal headrest, in need of a constant repositioning). Progettiamo Autonomia's headrests provide a constant and wide support. The SideSupport and the rear one ensure, in case of extensor spasm of the neck, that the patient takes a middle position. Furthermore, there is no a bulky rear support that would lead to hyperextension.

Adjustable hardware

Mounting hardware has an essential role: functional and adjustment options depend on it.

For further information, prices and sales conditions:
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