

Pulley Therapy

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Archimedes Pulley Therapy System

This is an open pulley therapy system that offers a variety of different types of exercises to meet the requirements of both professionals and patients. It consists of modular frames that adapt to any operational needs and available space, a series of harnesses for the body regions and a number of other tools to complete the required equipment. This system allows creativity in defining specific rehabilitation programs.

Below are some exercise suggestions - please note these are not meant to be a full and comprehensive selection.



SPIRAL PATTERN FOR STRENGTHENING WITH "CORE STABILITY" DEVELOPMENT Exercises to be performed with elastic bands and pulleys for muscle strengthening and coordination.



PASSIVE CERVICAL TRACTION AND LUMBAR SELF-TRACTION

Traction can occur in a seated or supine position. Lumbar self-traction exercises are also possible.



POSTURAL EXERCISES FOR LIMBS, SPINE, TRUNK AND BODY

These can be performed from a prone or supine position and are aimed at improving mobilization after surgery, neuromuscular coordination and muscle strengthening.



MUSCLE STRENGTHENING EXERCISES

Exercises are possible in all directions and postures, with variable limited loads applied by means of elastic bands or weights. Possible exercises also involve recruiting more muscle groups in an upright posture while maintaining balance.



Made in Italy

1) METAL FRAMES

The pulley therapy metal frame system is modular, wide and flexible to meet the professional's requirements depending on available space and type of exercises to develop.

This means that options range from fixed wall or ceiling frames to free-standing frames with two or more support planes. In addition, each work station proposed in its standard configuration can be supplemented by various types of side grids or reinforcement details to increase the safe working load at any time, whether at the moment of purchase or later.

The frame suggestions are accompanied by icon symbols to provide information on maximum or additional standard load, which is made safe by the application of these reinforcement elements.

Other basic elements, intended as optionals or accessories, can create more configurations in addition to the proposed standard ones. Some examples are shown in the following pages.

The so-called "cage" frame shown above represents the CONFIGURATION EXAMPLE n. 6 described further on in this section.²⁾

HARNESSES

Harnesses were designed in various sizes so they can be applied to different body regions and meet specific activity needs. These tools meet the requirements of easy sanitation, durability and ease of use when setting up the exercises.

3) OTHER TOOLS

A number of additional tools to be used along with or in alternative to harnesses are proposed. These tools were conceived for various types of exercises and may also be used as basic elements by professionals to create personalized workout programs to suit the patient's specific needs.

4) UNIX COUCHES

UniX series couches are suitable to be used either on their own or in combination with the frames illustrated further on. These couches can be height-adjusted electrically or hydraulically, but there is no segment displacement during adjustment. This means that they can be configured with or without transport casters, and a series of accessories is available. Please read the dedicated section on Chinesport couches.

Archimedes System Fixed Wall Frames

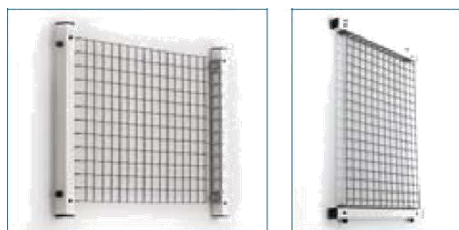
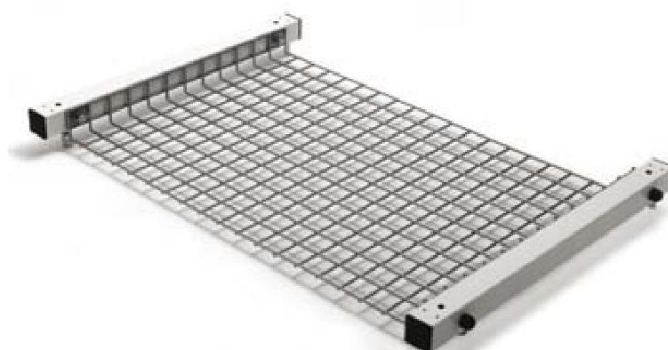
AR11001

FRAME 1

This is a smaller frame to be fitted to the wall either horizontally or vertically. It consists of two 70 cm long, coated metal tubular elements and a high-strength steel grid with scratch-resistant plastic coating and dimensions 93.3 x 60.5 x h 7.1 cm. The grid has a diameter of 5 mm and mesh is 5 x 5 cm.

Dimensions: 103.5 x 71 x h 7.5 cm

Weight: 9 kg



Note: FRAME 1 can be fitted to the wall at the desired height both horizontally and vertically.

AR11002

FRAME 2

This frame can be fitted to the wall either horizontally or vertically. It consists of two 200 cm long, coated metal tubular elements and a high-strength steel grid with scratch-resistant plastic coating with dimensions 93.3 x 60.5 x h 7.1 cm. The grid can be easily fitted in three different positions. The frame can be upgraded by fitting up to two “standard” grids - ref. code AR11A01 or “quick fit and removal” type grids - ref. code AR11A02. For further details, please see the “Configuration Options” described later on.

Dimensions: 201 x 103.5 x h 7.5 cm

Weight: 19 kg



CONFIGURATION EXAMPLE N. 1

The frame shown here consists of the following elements:

n. 1 PIECE AR11002 - frame 2

n. 2 PIECES AR11A01 - STANDARD GRID

Note: Upon placing a purchase order for this type of configuration, please specify the codes and quantities as indicated above.

AR11003

FRAME 3



This is a smaller frame for cantilevered fitting to walls. It consists of two coated metal panels at the sides, and a high-strength steel grid with scratch-resistant plastic coating, dimensions 93.3 x 60.5 x h 7.1 cm. The stated capacity is dependent on the wall elements strength.

Dimensions: 103.5 x 75.5 x h 44 cm

Weight: 12 kg



Note: If specifically requested, it is possible to configure a cantilevered frame with more in-line grids.

AR11004

FRAME 4



This is a smaller frame to be fitted to the ceiling. It consists of four angle brackets made from coated metal, one FRAME 1 - ref. code AR11001, and two reinforcing crossbar elements. Again, the grid is made from high-strength steel with scratch-resistant plastic coating and dimensions are 93.3 x 60.5 x h 7.1 cm.

Angle brackets allow for adjusting the grid distance from the ceiling from 59.7 cm to 107.7 cm by 4 cm steps.

The stated capacity is dependent on the wall elements strength.

Dimensions: 113 x 84.5 x h 59.7-107.7 cm

Weight: 31 kg



AR11005

FRAME 5



This frame is fitted to the ceiling and consists of four angle brackets, two 200 cm long tubular elements, three grids with dimensions 93.3 x 60.5 x h 7.1 cm, and two reinforcing crossbeam elements. All parts are made from coated metal, while grids are high-strength steel with scratch-resistant plastic-coating. The overall work area is therefore 195 x 93.3 cm.

Angle brackets allow for adjusting the grid distance from the ceiling from 59.7 cm to 107.7 cm by 4 cm steps. The stated capacity is dependent on the wall elements strength and how load is distributed across the three grids.

Dimensions: 113 x 214.5 x h 59.7-

107.7 cm Weight: 51 kg



Note: Detailed view of the attachment elements that allow for adjusting the grid distance from the ceiling for FRAME 4 and FRAME 5, i.e. to achieve the desired height.



Archimedes System 2-sided Fixed Frames

AR11006

FRAME 6



This is an exercise frame on two planes, to be fitted to the wall. It consists of four 200 cm long, coated metal tubular elements, three high-strength steel grids at the top and other connecting and attaching elements, always made from coated metal. Also, grids have a scratch-resistant plastic coating; dimensions are 93.3 x 60.5 x h 7.1 cm. The overall work area on the top level is about 190 x 93.3 cm. The frame can be upgraded on its vertical side by fitting up to 3 STANDARD GRIDS - ref. code AR11A01 or QUICK FIT GRIDS - ref. code AR11A02. For further details, please see the “Configuration Options” described later on.

The stated capacity is dependent on the wall elements strength and on how load is spread across the upper grids. Capacity can be increased up to 200 kg by fitting n. 1 GRID REINFORCEMENT SET - ref. code AR11A04.

Dimensions: 237 x 103.5 x h 227.5 cm

Weight: 57 kg



AR11007

FRAME 7



This is an exercise frame on two planes, to be fitted to the wall. It consists of six 200 cm long, coated metal tubular elements, six high-strength steel grids at the top and other connecting and attaching elements, always made from coated metal. Also, grids have a scratch-resistant plastic coating; dimensions are 93.3 x 60.5 x h 7.1 cm. The overall work area on the top level is about 190 x 206.6 cm. The frame can be upgraded on its vertical side by fitting up to 6 STANDARD GRIDS - ref. code AR11A01 or QUICK FIT GRIDS - ref. code AR11A02. For further details, please see the “Configuration Options” described later on.

The stated capacity is dependent on the wall elements strength and on how load is spread through the upper grids. Capacity can be increased up to 300 kg by fitting n. 2 GRID REINFORCEMENT SETS - ref. code AR11A04

Dimensions: 237 x 202 x h 227.5 cm

Weight: 94 kg



CONFIGURATION EXAMPLE N. 2

The L-frame shown here consists of the following elements:

- n. 1 PIECE AR11006 - FRAME 6
- n. 2 PIECES AR11A01 - STANDARD GRID

This type of frame is recommended whenever there is limited operational space that needs to be optimized.

Note: Upon placing a purchase order for this type of configuration, please specify the codes and quantities as indicated above.



4

CONFIGURATION EXAMPLE N. 3

The solution proposed here is created from the following main frames plus additional standard grids, starting from the basic setting:

- n. 1 PIECE AR11006 - FRAME 6
- n. 2 PIECES AR11002 - FRAME 2
- n. 7 PIECES AR11A01 - STANDARD GRID

This type of frame is also recommended when trying to optimize the available space, as in the configuration example n. 2.

In particular, a very similar structure to the so-called “cage” frame was achieved, i.e. with four sides including the upper level.

Note: Upon placing a purchase order for this type of configuration, please specify the codes and quantities as indicated above.



Archimedes System 3-sided self-supporting frames

AR11008

FRAME 8



This is a free-standing and self-supporting exercise frame on three planes. It consists of six 200 cm long painted metal tubular elements, three high-strength steel grids at the top and other connecting and attaching elements, always made from painted metal. Also, grids have a scratch-resistant plastic coating; dimensions are 93.3 x 60.5 x h 7.1 cm. The overall work area on the top level is about 190 x 93.3 cm. The frame can be upgraded on its vertical side by fitting up to 6 STANDARD GRIDS - ref. code AR11A01 or QUICK FIT GRIDS - ref. code AR11A02. For further details, please see the "Configuration Options" described later on.

The stated load is dependent on how load is spread across the upper grids. Capacity can be increased up to 200 kg by fitting n. 1 GRID REINFORCEMENT SET - ref. code AR11A04.

Dimensions: 237 x 103.5 x h 227.5 cm

Weight: 77 kg



AR11009

FRAME 9



This is a free-standing and self-supporting exercise frame on three planes. It consists of nine 200 cm long painted metal tubular elements, six high-strength steel grids at the top and other connecting and attaching elements, always made from painted metal. Also, grids have a scratch-resistant plastic coating; dimensions are 93.3 x 60.5 x h 7.1 cm. The overall work area on the top level is about 190 x 206.6 cm. The frame can be upgraded on its vertical side by fitting up to 12 STANDARD GRIDS - ref. code AR11A01 or QUICK FIT GRIDS - ref. code AR11A02. For further details, please see the "Configuration Options" described later on.

The stated load is dependent on how load is spread across the upper grids. Capacity can be increased up to 300 kg by fitting n. 2 GRID REINFORCEMENT SETS - ref. code AR11A04.

Dimensions: 237 x 202 x h 227.5 cm

Weight: 125 kg



AR11010

FRAME 10



This is a free-standing and self-supporting exercise frame on four planes. It consists of twelve 200 cm long, coated metal tubular elements, six high-strength steel grids at the top and other connecting and attaching elements, always made from coated metal. Also, grids have a scratch-resistant plastic coating; dimensions are 93.3 x 60.5 x h 7.1 cm. The overall work area on the top level is about 190 x 206.6 cm.

The frame can be upgraded on its vertical sides by fitting up to 18 STANDARD GRIDS - ref. code AR11A01 or QUICK FIT GRIDS - ref. code AR11A02. For further details, please see the “Configuration Options” described later on.

The stated capacity is dependent on how load is spread across the upper grids. Capacity can be increased up to 300 kg by fitting n. 2 GRID REINFORCEMENT SETS - ref. code AR11A04.

Dimensions: 237 x 209.5 x h 227.5 cm Weight: 158 kg



4



The picture shows three people simultaneously suspended on a full load by means of a harness with a rope fitted on a reinforced frame (see configuration options). This frame corresponds to CONFIGURATION EXAMPLE n. 6, described further on, and the maximum load is up to 300 kg..

AR11A01

STANDARD GRID

The grid is made from high-strength steel 5 mm diameter bar mesh with scratch-resistant plastic coating and 5 x 5 cm mesh. It can be easily fitted to any frame configured with the specific hardware supplied as standard. Fixed wall or ceiling frames or frames with two or more work planes, either attached to the wall or self-supporting, already use this type of grid as a standard configuration for upper horizontal planes and only for this type of grids, thus ensuring the stated safe working loads. More grids can be ordered to upgrade the frame onto vertical work planes. For an indication on the number of grids that may be added to each type of frame, please refer to the specific presentation in this section of the catalogue.

Dimensions: 93.3 x 60.5 x h 7.1 cm

Weight: 5 kg



AR11A02

QUICK FIT GRID

This grid has the same characteristics as item code AR11A01, except for the system attaching the grid to the frame, which does not require any tools for fastening. The standard supply includes four special stainless steel bolts for quick fit and/or removal. It can only be attached to the vertical sides of the chosen frame, as an alternative or in combination with other fixed-type grids.

Dimensions: 93.3 x 60.5 x h 7.1 cm

Weight: 5 kg



AR11A04

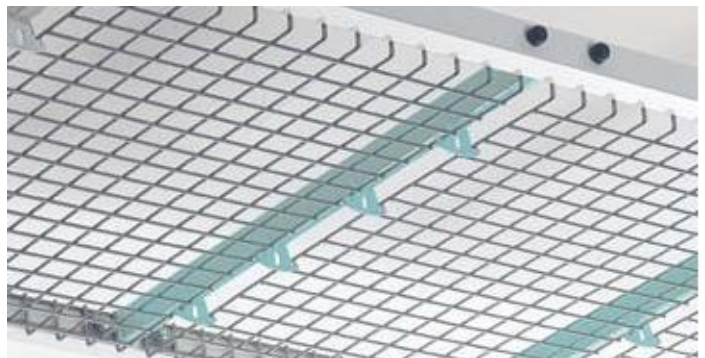
GRID REINFORCEMENT SET

It is an assembly of four elements that are attached to the frame on the top horizontal plane so exercises - or more general activities - can be performed with greater safe working loads than those stated as standard.

If needs be, the professional may request one or two of these reinforcement sets - depending on whether the frame is single or double - either at the time of ordering or at a later time. The group of elements is supplied along with specific hardware so they are secured to the main frame. Please refer to the presentation on the frame configurations in this section of the catalogue.

Dimensions: 98.3 x 7 x h 9 cm

Weight: 2.4 kg



A summary table after the paragraph "Summary Technical Data" indicates the number of necessary reinforcement set, the standard load and the additional load, if required, for each frame.

4

configuration example n. 4

The frame shown here is the most complex and is universally recognized as "CAGE FRAME", as it consists of three sides and a top level.

In such case, the configuration also provides for two reinforcement element sets to increase the safe working load up to 300 kg. It consists of the following main and additional frame elements:

n. 1 PIECE AR11010 - FRAME 10

n. 18 PIECES AR11A01 - STANDARD GRID

n. 2 PIECES AR11A04 - REINFORCEMENT GRID SET

In this case, the frame is configured with a standard number of grids closing off the three vertical sides, but it is equally possible to opt for partial closing by simply reducing the number of additional grids on order. Please remember that quick fit/removal grids can also be used in alternative.

See also CONFIGURATION EXAMPLE n. 6.



AR11A06

LONG BAR 200

This 200 cm long metal tubular element is universal, i.e. it is used as a base element for many of the frame configurations described here, whether fixed or self-supporting. It can also be ordered separately to upgrade or create other frames as in configuration example n. 5. In particular, two of these structural elements are required to attach a grid. The element is designed for use with up to a maximum of three grids. Alternatively, the same fixed or quick fit type grid can be easily re-positioned into three different predetermined positions, depending on the exercise to be performed or the user's specific requirements.

Dimensions: 201 x 5 x

5 cm Weight: 7 kg



AR11A18

CONNECTING SET 2

It consists of two connecting elements at a 90° angle that must be used with a FRAME 2 – ref. code AR11002, and additional standard or quick fit-type grids if required – ref. codes AR11A01 or AR11A02 (up to a maximum of three grids). This setting allows for creating an additional vertical work plane for FRAME 8 or FRAME 9, while providing additional stability to the main frame to which it is attached. The additional exercise area at the side can therefore range from a minimum of 93.3 x 60.5 cm (with one grid) to a maximum of 190 x 93.3 cm (with three grids). Finally, it is worth pointing out that, if attached to FRAME 9 together with the elements detailed above, the “connecting set” also provides an alternative to the so-called “cage frame” previously identified as FRAME 10.

Dimensions: 124 x 22.3 x 47 cm Weight: 2.3 kg



Note: The set can be ordered at the time of purchasing the main frame, or at a later time together with the other components.

AR11A19

CROSSBEAM

This lateral crossbeam element can be attached to the vertical side of a standard frame with at least two work planes - see FRAME 6 - 7 - 8 - 9 - 10. This configuration provides an alternative to using one grid, which increases the frame strength and can be used to hang straps and harnesses. Dimensions: 102.5 x 5 x h 2.5 cm

Weight: 2.2 kg



CONFIGURATION EXAMPLE n. 5

The configuration shown here uses two available walls, one supporting the L-frame and the other one as a vertical support/work side, by applying another special frame. It therefore consists of the following structural and optional elements:

- n. 1 PIECE AR11006 - FRAME 6
- n. 1 PIECE AR11002 - FRAME 2
- n. 1 PIECE AR11A06 - LONG BAR 200
- n. 8 PIECES AR11A01 - STANDARD GRID

This type of frame is also recommended when trying to optimize the available space, as in configuration examples n. 2 and 3 previously described. However, the difference lies in a greater work surface provided by a second series of three grids attached to the back wall by adding one single tubular element identified as 200 CM LONG BAR.

Note: Upon placing a purchase order for this type of configuration, please specify the codes and quantities as indicated above.



4

CONFIGURATION EXAMPLE n. 6

The frame shown here is a variation of the so-called "CAGE FRAME" previously identified as configuration n. 4, which is made up of three sides and an upper level. In particular, the key difference is that one side is closed off by means of a CONNECTING SET 2 – ref. code AR11A18 and that a FRAME 2 – ref. code AR11002 is used. In addition, in the configuration shown here the standard grids are not used to fully close the vertical sides. Finally, the safe working load is increased up to 300 kg by fitting the two reinforcement element sets. Therefore, the frame consists of the following structural and optional elements:

- n. 1 PIECE AR11009 - FRAME 9
- n. 1 PIECE AR11002 - FRAME 2
- n. 1 PIECES AR11A18 - CONNECTING SET 2
- n. 10 PIECES AR11A01 - STANDARD GRID
- n. 2 PIECES AR11A04 - REINFORCEMENT GRID SET

Please remember that quick fit/removal grids can also be used in alternative.



Archimedes System Straps



AC0055 SMALL STRAP

Padded strap with black synthetic leather upholstery and 35 mm diameter chromed rings at the ends. Comfortable and easy to disinfect, it provides support to lower/upper limbs. (single piece)

Dimensions: 44 x 12 x

1.5 cm Weight: 120 g.



AC0056 MEDIUM STRAP

Padded strap with black synthetic leather upholstery and 35 mm diameter chromed rings at the ends. Comfortable and easy to disinfect, it provides support to lower/upper limbs. (single piece)

Dimensions: 69 x 12 x

1.5 cm Weight: 170 g.



AC0295 LARGE STRAP

Padded strap with black synthetic leather upholstery and 35 mm diameter chromed rings. Comfortable and easy to disinfect, it is recommended as a support and lift for trunk/pelvis. (single piece)

Dimensions: 92 x 12 x

1.5 cm Weight: 200 g.



AC0296 EXTRA LARGE STRAP

FPadded strap with black synthetic leather upholstery and 35 mm diameter chromed rings. Comfortable and easy to disinfect, it is recommended as a support and lift for trunk/pelvis. (single piece)

Dimensions: 110 x 24 x

1.5 cm Weight: 330 g.



AC0297 CERVICAL STRAP

Strap recommended as a support and lift for the head and for traction exercises. Chromed rings at the ends have a diameter of 35 mm. (single piece) Dimensions: Length 74 x 10 x 1.5 cm Weight: 140 g.



AC0300 FOOT STRAPS

Padded foot straps with semi-rigid sole and three support areas - lower, back and top/front, they comfortably adapt to any foot shape. Chromed rings have a diameter of 20 mm. There are three Velcro fastenings/adjustments: two at the top/front and one at the back. These foot straps are used in traction or suspension exercises. (for the pair) Dimensions - single unit: 55 x 35 x 1.5 cm (if fastened in intermediate position, 23 x 13 x 15 cm) Weight: 900 g.

Note: A STRAP SET, as shown in the picture, can be ordered. Please see the following page for the configuration by type and recommended quantities..





07930

HANDLE 1

Plastic handle with a chromed metal open ring for quick attachment. It can be used during suspension or strengthening exercises.

(single piece)

Dimensions: 18 x 14 x

4 cm Weight: 170 g.



AC0298

HANDLE 2

30 mm diameter handle with non-slip grip, with 35 mm diameter chromed attachment ring. It can be used during suspension or strengthening exercises. (single piece)

Dimensions: 22 x 16 x ø

3 cm Weight: 100 g.



AC0299

HAND-WRIST-ANKLE STRAP

Strap indicated for use during suspension exercises or as ankle strap. Completed by a 35 mm diameter chromed attachment ring. (single piece)

Dimensions: 33 x 5 x

1.5 cm Weight: 50 g



07970

HANDLE 3

Plastic handle with chromed metal construction and 5 30mm diameter attachment rings. It can be used as support handle with the option to change user stability by increasing or reducing the attachment points. (single piece)

Dimensions: 21 x 19 x ø

3 cm Weight: 370 g

Note: A HANDLES SET, as shown in the picture, can be ordered. Please see the content by type and quantities suggested on the following page.



AC0303

SMALL CYLINDRICAL SUPPORT

Semi-rigid support with anti-bacterial and anti-mite synthetic leather lining, removable and easily disinfected. It is supplied with an inner strap provided with two 20 mm diameter chromed attachment rings. Recommended to support the knee when suspended or provide support to the cervical area. (single piece)

Dimensions: ø 10 cm x length

cm 36 Weight: gr 700



AC0304

LARGE CYLINDRICAL SUPPORT

Semi-rigid support with anti-bacterial and anti-mite synthetic leather lining, removable and easily disinfected. The ends have two rings cast together with the manual attachment rope support. Recommended in dorsal spine mobilization exercises. (single piece)

Dimensions: ø 15 cm x length

64 cm Weight: 1.2 kg



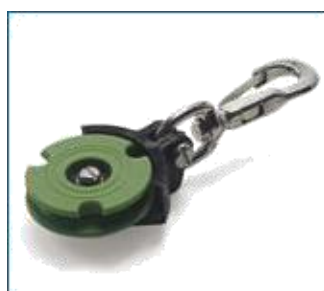


07950

STANDARD PULLEY

Basic element to be used in combination with snap hook ref. code AC0291 to configure the exercises. The pulley can be rotated so it can be used in any direction. (single piece)

Dimensions: 10 x 5 x 2.5 cm Weight: 84 g.



AC0294

PLUS PULLEY

Basic element with snap hook included and possibility of rotation. This device also helps the therapist save time when performing practical configuration activities for an exercise, as the rope can be pulled off while in use without removing the tool that is attached to it. (single piece)

Dimensions: 15.5 x 6 x 4 cm Weight: 105 g.



AC0293

ROPE STOPPER

This item is useful to adjust the rope length, once equipped with the required accessories, depending on the exercise to perform; adjustments are made by the therapist easily and quickly without having to tie up the rope in different positions manually. (single item)

Dimensions: 9 x 4 x 2 cm Weight: 45 g.



AC0301

SPACER

This is a metal element with plastic coating that can be fitted to a grid in vertical position. It allows for the pulley to be separated from the grid while it is sliding, and this prevents contact and rubbing between rope and frame during use. (single piece)

Dimensions: 11 x 7 x h 6.5 cm Weight: 300 g.

Note: A SET OF ACCESSORIES, as shown in the picture, can be ordered. Please see the type and quantities suggested on the following page.



RUBBER BANDS

A variable resistance elastic tubing available in two different lengths (recommended). Lattice-free and odorless. A tube with different degrees of resistance - five planes - is also available. Please see the appropriate section of the catalogue for this. Supplied as a package.

31220 - 7.6 m eLASTIC

31300 - 30.5 m ELASTIC

different weights. They are supplied as single items.

AC0292

SNAP HOOK FOR ELASTIC

This device allows for an elastic to be properly secured to the snap hooks or directly to the tool attachment ring, saving the therapist's time when setting up the exercise. (two items)

Dimensions: 3 x 3.5 x 2 cm Weight: 20 g.



BAGS

Bags have synthetic leather lining and a 35 mm diameter attachment ring. They are available in six

08035 – BAG 0.5 KG

08045 – BAG 1 KG

08055 – BAG 2 KG

08065 – BAG 3 KG

08075 – BAG 4 KG

08085 – BAG 5 KG

Note: A SET OF WEIGHT BAGS, as shown in the picture, can be ordered. Please see the content by type and quantities suggested on the following page.



07980 ROPE

Basic element - 30 m long nylon rope.



07920 S-SHAPED HOOK

Basic multi-purpose element, can be used to configure exercises with tools that do not require a closed attachment ring; it can also be used to be hooked straight onto the grid. (single item)

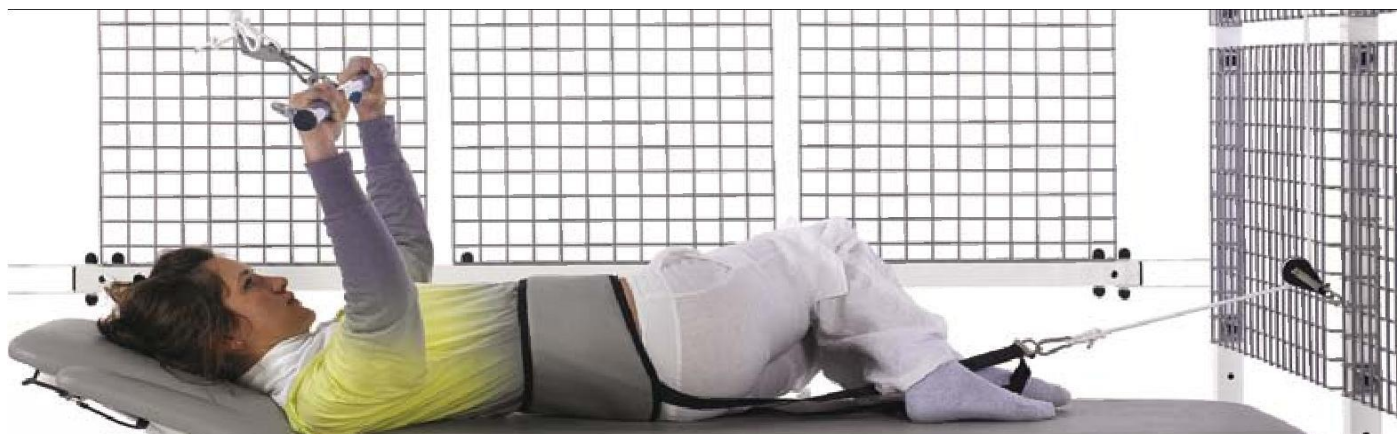
Dimensions: 5 x 2.5 x ø 0.5 cm Weight: 15 g.



AC0291 SNAP HOOK

This is a basic multi-purpose component that ensures tools are safely attached to the grid/frame and equipment (impossible to come off accidentally). For example, it is used in combination with the STANDARD PULLEY - ref. code 07950, so the pulley is directly attached to the grid, or with a strap. Dimensions: 6 x 3 x ø 0.6 cm Weight: 25 g

Archimedes System Traction Tools



PELVIC HARNESSSES

Padded harnesses in different sizes with gray synthetic leather upholstery and Velcro fastening strap. They also have a belt with an adjustable metal buckle for attachment to a multi-purpose rope. Recommended for lumbar self-traction exercises. It is supplied as a single item.

AC0321 – PELVIC HARNESS - SMALL

Dimensions: cm 112 x 32 x 1,5

Weight: gr 460

AC0320 – PELVIC HARNESS - LARGE

Dimensions: cm 136 x 33

x 1,5 Weight: gr 560

AC0302

EXERCISE BAR

Coated tubular metal bar with 3 rings for attachment to a rope and other tools through a snap hook (ref. code AC0291), depending on the exercise set up by the therapist. The attachment rings can also be moved along the bar in three other positions. This element is recommended for lumbar self-traction exercises. (single item)

Dimensions: 111 x 11.5 x

4 cm Weight: 2 kg



AC0323 SPREADER BAR

Metal construction with three 1.2 cm diameter attachment rings for use with other tools by means of snap hooks (ref. code AC0291). Please see the examples in the pictures previously shown in this section. Dimensions: 35 x 7 x 0.5 cm Weight: 135 g.

09420 CHIN STRAP WITH SPREADER BAR

This support restrains the head while performing cervical traction exercises. It is reinforced and has Velcro fastenings. Supplied together with metal spreader bar (ref. code AC0323).

Dimensions: 35 x 7 x

0.5 cm Weight: 250 g.

**07955 PULICAR TROLLEY**

Coated steel trolley with two shelves and edges. It has a handle and swiveling wheels for transport. Bags can be hung on the three pegs fitted to a bracket. Dimensions 65 x 45 x 95 h cm

Chinesport recommends the following items as a basic equipment for a pulley therapy exercise station - they are divided by type and quantity, according to homogeneous groups:

AC0325 STRAPS SET

Set of n. 11 straps as per following list: n. 5 pcs AC0055, n. 2 pcs AC0056, n. 1 pc AC0295, n. 1 pc AC0296, n. 1 pc AC0297, n. 1 pc AC0300.

AC0326 HANDLES SET

Set of n. 6 different type handles for exercises and applications. In particular, the set consists of n. 2 pcs AC0298, n. 2 pcs AC0299, n. 1 pc 07970 and n. 1 pc 07930.

AC0327 SET OF TOOLS

Set of n. 9 types of items in the following quantities: n. 8 pc 07950, n. 1 pc AC0294, n. 4 pcs AC0293, n. 1 pc AC0301, n. 1 pc 07980, n. 1 pc 31220, n. 2 pcs AC0292, n. 10 pcs 07920, n. 10 pcs AC0291.

AC0077 BAG WEIGHTS SET

Set of n. 6 different weight bags with 35 mm diameter chromed attachment ring. Weights are 0.5-1-2-3-4-5 kg.

AC0328 FULL SET

It consists of 1 piece for each group of available items, i.e. straps, handles, weights and other tools required to set up the exercises.

Summary table

“The following table specifies the number of work planes and standard safe load for each available frame. In addition, some frames allow for adding one or two REINFORCEMENT SETS to increase the capacity. Where possible, we have indicated other available options, particularly with regard to the maximum number of STANDARD GRIDS or QUICK FIT GRIDS to be used in alternative or combined with the standard grids, up to a maximum number not exceeding the overall number stated in the table. Dual frames, i.e. FRAMES 7-9-10, cannot be combined with different grid types.

TECHNICAL DATA					CONFIGURATION OPTIONS				
Product name code	Work planes	Frame type	Capacity	Extra capacity (1)	Reinforcement set code AR11A04	Standard grid code AR11A01	Quick fit grid code AR11A02	Crossbar code AR11A19	Connecting set 2 code AR11A18
FRAME 1 AR11001	1	Fixed, wall-mounted	-	-	-	-	-	-	-
FRAME 2 AR11002	1	Fixed, wall-mounted	-	-	-	-	-	-	-
FRAME 3 AR11003	1	Fixed, wall-mounted & cantilevered	50 Kg	-	-	-	-	-	-
FRAME 4 AR11004	1	Fixed, ceiling-mounted	100 Kg	-	-	-	-	-	-
FRAME 5 AR11005	1	Fixed, ceiling-mounted	150 Kg	-	-	-	-	-	-
FRAME 6 AR11006	2	Fixed, wall-mounted	100 Kg	200 Kg	1 SET	max 3	max 3	√	-
FRAME 7 AR11007	2	Fixed, wall-mounted	150 Kg	300 Kg	2 SET	max 6	max 6	√	-
FRAME 8 AR11008	3	Free-standing, self-supporting	100 Kg	200 Kg	1 SET	max 6	max 6	√	√
FRAME 9 AR11009	3	Free-standing, self-supporting	150 Kg	300 Kg	2 SET	max 12	max 12	√	√
FRAME 10 AR110010	4	Free-standing, self-supporting	150 Kg	300 Kg	2 SET	max 18	max 18	√	-

Note: (1) only if used with the number of specified REINFORCEMENT SETS ref. code AR11A04 and as suitable for each frame.



07405 Ercolina single

Equipment designed to perform counter-resistance strengthening exercises for upper and lower limbs. Exercises can be performed in all directions, either standing or seated, and with limited variable loads applied by means of weights. It also gives you the option of adjusting and locking the pulley in any intermediate position along the whole frame length up to 220 cm. Adjustment is very easy and doesn't require any tools, as there is simply a sliding action along a chromed bar. The construction is made from coated steel and intended for use as a wall-mounted application. It is supplied with a set of 10 weights of 1 kg each. Fasteners are included.

Dimensions: 20 x 33 x h
220 cm Weight: 12 kg

Note: Lower limbs exercises can also be performed by adding accessories AC0291 – SNAP HOOK and AC0299 – HAND-WRIST-ANKLE STRAP.



accessories

04820 BENCH

04840 GINNY BENCH

04850 PIVETTA BENCH

AC0298 handle 2

For lower limbs exercises:

AC0299 HAND-WRIST-ANKLE STRAP

AC0291 SNAP HOOK

Note: Any accessories not illustrated here are shown in the next section, Medical Gymnastics



AC0298 HANDLE 2

30 mm diameter handle with non-slip grip, with 35 mm diameter chromed attachment ring. Can only be used with accessory AC0291 – SNAP HOOK (single item)
Dimensions: 22 x 16 x
ø 3 cm Weight: 100 g.

AC0299

HAND-WRIST-ANKLE STRAP

Strap indicated for use during suspension exercises or as ankle strap. Completed by a 35 mm diameter chromed attachment ring. Can only be used with accessory AC0291 – SNAP HOOK (single item)
Dimensions: 33 x 5 x
1.5 cm Weight: 50 g.



07415 Poliercolina

Equipment designed to perform counter-resistance strengthening exercises for upper and lower limbs. Exercises can be performed in all directions, either standing or seated, and with limited variable loads applied by means of weights. In particular, the user can be requested to exercise both upper limbs while performing specific exercises. It also gives you the option of adjusting and locking the pulleys in any intermediate position along the whole frame length up to 220 cm. Adjustment is very easy and doesn't require any tools, as there is simply a sliding action along chromed bars. A wall bar is also supplied, offering further exercise options. The construction is made from coated steel and intended for use as a wall-mounted application. It is supplied with a set of 20 weights of 1 kg each. Fasteners are included.

Dimensions: 122 x 33 x h

220 cm Weight: 74 kg

Note: Lower limbs exercises can also be performed by adding accessories AC0291 – SNAP HOOK and AC0299 – HAND-WRIST-ANKLE STRAP.

accessories

04820 BENCH

04840 GINNY BENCH

04850 PIVETTA BENCH

04710 BACK REST

04720 ABDOMINAL

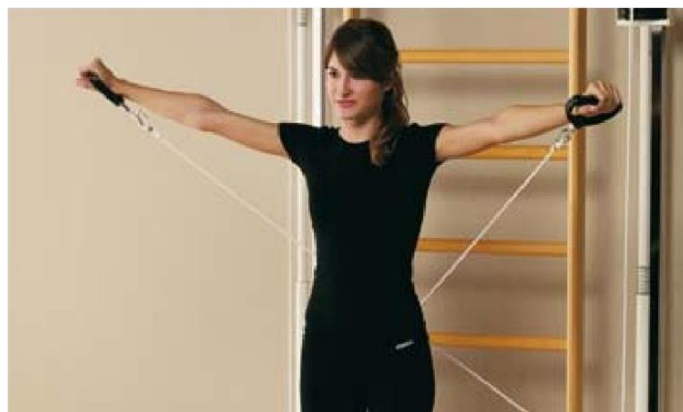
BENCH AC0298 HANDLE 2

For lower limbs exercises:

AC0299 HAND-WRIST-ANKLE STRAP

AC0291 SNAP HOOK

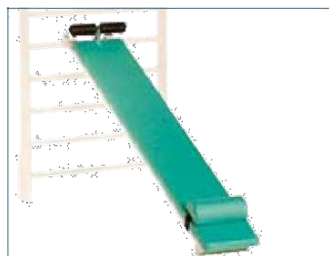
Note: Any accessories not illustrated here are shown in the next section, Medical Gymnastics



04840 GINNY BENCH

Coated steel construction, padded board and synthetic leather upholstery. Adjustable backrest.

Dimensions: 120 x 30 x h 42 cm



04720 ABDOMINAL BENCH

Coated steel construction, padded board and synthetic leather upholstery. Adjustable foot support; a cervical cushion is supplied. This accessory can only be applied to item code 07415.

Dimensions: 196 x 32 x h 32 cm

R.I.C. System Continued Intensive Rehabilitation

This rehabilitation program makes the most of the natural physiological resources of the human body through intense stimulation and strong motivations.

The R.I.C. rehabilitation has been designed for the motor recovery and functional recuperation in spinal cord injury patients through an innovative motor rehabilitation method that is intensive, continued and personalized..



Suitable for R.I.C. Rehabilitation

RIC0100.01

R.I.C. BASIC FRAME

Motor rehabilitation station for a wide range of active exercises in various postures, also with the addition of weights and counterweights, to stimulate muscle recruitment and strengthening, balance, coordination and proprioception. In particular, the exercises can also be performed while lying supine, prone, on the side, or in a sitting position, on all fours, or standing upright.

The areas to be treated can also be positioned in axial suspension to help move them and achieve the widest possible joint ROM. Finally, each exercise can be performed with different, personalized ranges of motion.

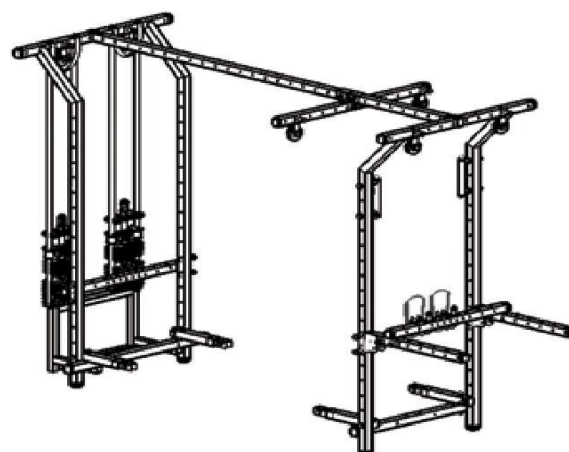
The frame is versatile, as the range of possible exercises would normally require to use various equipment and consequently to move the patient. The therapist's job is generally made easier.

Dimensions 298 x 121 x 225 h cm

Standard configuration included

Adjustable bar	2 pcs
Movable crosspiece (for sides)	2 pcs
Swivel pulley	6 pcs
Bobath feet-side fitting	2 pcs
Bobath head-side fitting	2 pcs
Upper longitudinal member	1 pc
Structure frame	2 pcs
Movable upper crosspiece	1 pc
Loading cells unit	1 pc
Articulated footplate	12 pcs
R.I.C. handle	2 pcs
30 cm Chain kit	2 pcs

110 cm Chain kit	4 pcs
Bar with R.I.C. hook	1 pc
Set of leather items	1 pc
Pulley therapy handle	2 pcs
Pillow code 09600	2 pcs
Pillow code 09620	1 pc
Pillow code 11250	1 pc
Quick release pins	2 pcs
Quick release pins for chains	2 pcs
S-shaped hook	8 pcs
Snap hooks	10 pcs
"Alboland" transfer straps	2 pcs



TO ORDER:

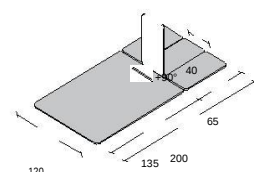
the basic frame must be ordered along with a special treatment table type Bobath and can be used in combination with a standing frame (code AC 0100.01).

The station is provided with a series of basic elements and can be expanded with accessories.

Ib432A2.W BOBATH S RIC120

Treatment table, with electrically adjustable height by means of a low voltage (24 V) **foot switch**. **Sections width 120 cm**. The head section has three segments, the middle of which can be tilted up to 90 degrees, gas-spring assisted. A series of accessories are available for use with the table, particularly to better restrain the patient while performing the exercises. Possibility of choosing the upholstery among 20 colors.

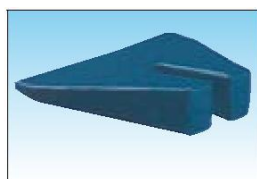
Safe working load 250 kg

**ACCESSORIES SPECIFIC TO BOBATH S RIC 120 TABLE****AC0009 STRAP BARS**

Set of 4 bars for attaching the restraining/safety straps code AC0015

**ac0015**

FASTENING STRAP
This is a 240 cm long strap that can be used with the Bobath RIC 120 to the purpose of securing and/or restraining the patient while performing the exercises.

**ac0025.W FACE DOWN PILLOW**

Used on treatment tables not provided with a breathing hole.



Ac0039
ADDITIONAL HAND CONTROL - 1 MOTOR
Control for adjusting the height on both sides.

**ac0042 HEAD / TRUNK SUPPORT**

To be fitted on the adjustable headrest of the Bobath RIC 120 table.
Helps restrain and support the patient when in seated position.

UPHOLSTERY

The upholstery is made of Class 1IM flame retardant quality synthetic leather, durable and resistant to disinfectants. SANITIZED treatment, anti-bacterial and anti-mite, for long-lasting hygiene and freshness. **Important: when placing an order, please specify the code for the chosen upholstery.**

AC0100.01 R.I.C. STANDING FRAME

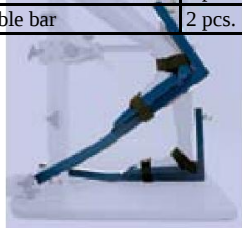
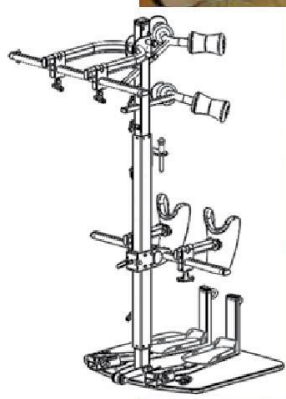
With this standing frame the patient can reach the upright position aided by the therapist. This equipment was conceived for use in combination with the basic frame code RIC 0100.01, thus widening the range of possible exercises in this posture too. It is provided with a series of supports so the patient can maintain an erect posture, with support elements for the arms and restraints for the pelvis and trunk, to be used on a case by case basis. A further upper support for the arms is also available for order under accessory code AC0119. The footboard features a special foot restraint system that allows moving each foot forwards and sideways independently and according to the exercise to be performed. This device can also be excluded through a lateral rotation adjustment which gives the patient in erect posture a wider range of movement with the lower limb in abduction and along the antero-posterior axis. The footboard is provided with a small castor to move the equipment more easily.

Dimensions 120 x 121 x 225 h cm



Standard Configuration

Lower base	1 pc.
Horizontal foot system	2 pcs.
Adjustable bars system	2 pcs.
Movable crossbar for sides	1 pc.
Central column	1 pc.
Pusher assembly	1 pc.
Arm support set	1 pc.
Knee pad set	1 pc.
Harness hooks	2 pcs.
Castors	1 pc.
Restraining strap for torso	1 pc.
Pelvic harness	1 pc.
Adjustable bar	2 pcs.



ACCESSORIES SPECIFIC TO THE STANDING FRAME

AC0119 SHAND GRIP SUPPORT

It can be fitted on the standing frame code AC0100.01 to provide further support to the lower limbs when deemed appropriate. The accessory that rotates nearer/farther from the patient is only suitable for tetraplegic patients.



COMMON ACCESSORIES FOR THE R.I.C. MOTOR REHABILITATION STATION

The R.I.C. motor rehabilitation station can be easily integrated with other accessories to widen the range of possible exercises or simplify the therapist's work.



AC0101 ADJUSTABLE BAR

This is a basic element that can be fitted with other accessories to perform various exercises. Please note that the standard supply for the basic frame - code RIC 0100.01 - already includes 2 pieces, and 2 pieces are supplied with the standing frame - code AC0100.01.



AC0102 MOVABLE CROSSBAR FOR SIDES

This is a basic element that can be fitted with other accessories to perform various exercises. Please note that the standard supply for the basic frame - code RIC 0100.01 - already includes 2 pieces, and 1 piece is included in the standing frame - code AC0100.01.



AC0103 SWIVEL PULLEY

This is a pulley that connects the body region to be treated and the corresponding weight or counterweight by means of a cord. In particular, it allows for creating exercises with personalized work angles by varying its position. As a result, it provides the highest flexibility of application. Please note that the standard supply for the basic frame - code RIC 0100.01 - already includes 6 pieces.



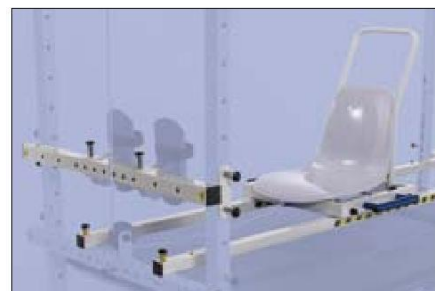
AC0329 R.I.C. quick-release HANDLE

This can be easily fitted to the frame's basic elements, and it provides a safe hold while performing the exercises. Please note that the standard supply for the basic frame - code RIC 0100.01 - already includes 2 pieces. Can be ordered as a single item.



AC0110 ARTICULATED FOOTPLATE

This articulated footplate provides support/restraint/posture to the feet while exercising with the R.I.C. rehabilitation station. Please note that the standard supply for the basic frame - code RIC 0100.01 - already includes 2 pieces. To be ordered as a pair.



AC0106 SLIDE SYSTEM

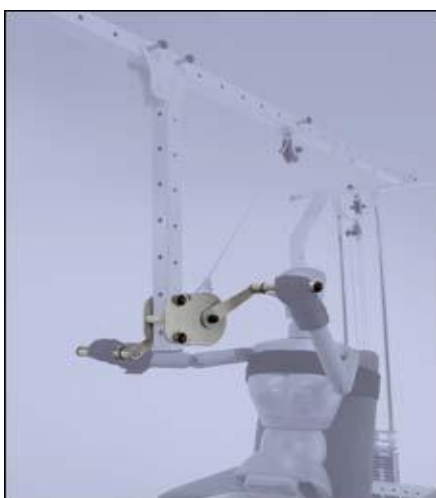
The slide system consists of a frame with seat, two slide rails and a movable crossbar for the sides (ref. code AC0102). This device makes it possible to perform all those exercises that require a sitting position on a sliding plane. We recommend using this system together with the articulated footplates, accessory code AC0110.



AC0107 VERTICAL FOOT SYSTEM

This is to exercise with the lower limbs in suspension, with the patient in a clinostatic or seated or semi-seated position. It is fitted to the base frame by means of the upper movable crossbar.

To be ordered as a pair.



AC0112 PEDAL EXERCISER - FOR UPPER BODY

It enables users to exercise the upper limbs from a clinostatic or sitting position. The pedal exerciser must be fitted to the "adjustable bar" (ref. code AC0101), provided this is free (i.e. not engaged in other configurations).



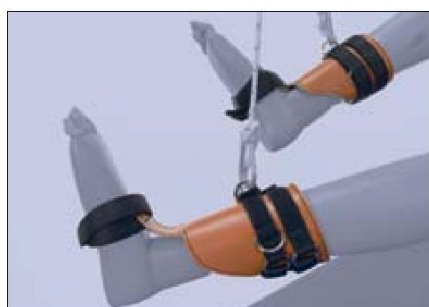
AC0113 PEDAL EXERCISER - FOR LOWER BODY

It enables users to exercise the lower limbs from a clinostatic or sitting position. The accessory can only be used when fitted to another accessory - code AC0112 Pedal exerciser for upper body. It consists of two footplates and an elongated support bar.



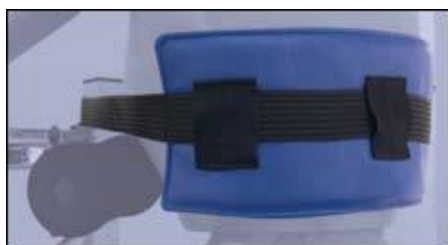
AC0114 FOREARM SUPPORT

It consists of a fastening system to the frame and the respective forearm support that helps select the activity. To be ordered as a pair.



AC0117 SET OF HARNESSES

The standard series consists of the following elements: knee supports (1 pc), cross-over support strap (1 pc), plain support strap (1 pc), leather wrist straps (1 pair), ankle straps (1 pair), hand gauntlet (1 pair), wristbands (1 pair). Please note that the standard supply for the basic structure - code RIC 0100.01 - already includes one set. Can be ordered as a set.



AC0120 RESTRAINING STRAP FOR TRUNK

This restrains the patient's trunk when using the standing frame, either sitting or standing. Please note that the standing frame - code RIC 0100.01 - already includes 1 piece.



01426 POSTURAL SET

Series of 5 posture pillows.



AC0121 QUICK RELEASE PIN

It can be used for securing basic elements and/or accessories to the basic frame - code RIC 0100.01, or to the standing frame - code AC 0100.01. Pin length 98 mm. Please note that the standard supply for the basic frame - code RIC 0100.01 - already includes 20 pieces, and 14 pieces are supplied with the standing frame - code AC0100.01.



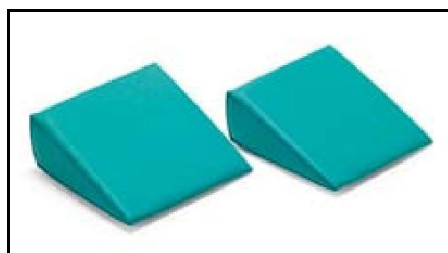
AC0122 RELEASE PIN, FOR CHAINS

Similar characteristics as the accessory code AC0121, but designed for clipping the chains. Please note that the standard supply for the basic frame - code RIC 0100.01 - includes 4 pieces.



07930 HANDLE 1

Please note that the standard supply for the basic frame - code RIC 0100.01 - already includes 2 pieces. Can be ordered as a single item.



09600.w WEDGE PILLOW

Please note that the standard supply for the basic frame - code RIC 0100.01 - already includes 2 pieces
25 x 25 x 10 h cm



09620.w WEDGE PILLOW

Please note that the standard supply for the basic frame - code RIC 0100.01 - already includes 1 piece
60 x 45 x 15 h cm



11250 LEG PILLOW

Shaped pillow. Please note that the standard supply for the basic frame - code RIC 0100.01 - already includes 1 piece
77 x 50 x 20/15 h cm

TARGET AUDIENCE: The Continued Intensive Rehabilitation (R.I.C.) is a motor rehabilitation method that targets those individuals who are affected by neurological pathologies, and in particular those who are neurologically or motor impaired, and those who suffer from the outcomes of infantile cerebral palsy (I.C.P.) and cerebral hemorrhage.



IMPORTANT FOR ANYONE CONCERNED:

Several individuals living in various Italian regions have used or are using the R.I.C. method at direct expense of their Local Health Authority with or without legal action.

"...You can say that the services relating to the R.I.C. rehabilitation method fall totally within those specified by the Essential Levels of Care (1) nationally and for the Tuscany Region... and that therefore such services can be considered appropriate. ..."

"I also confirm that the Essential Levels of Care only specify the healthcare services on a separate basis and without determining the duration of the care. Therefore, the L.E.A. tables will never specify techniques or methods that cover the set of services that make up a therapy protocol, with particular and specific times and modes of execution that vary depending on the pathology to be treated, as these can only be assessed by each doctor based on their expertise and experience. Excerpt from: Medical-legal considerations - Ruling from the Courts of Florence N. 254 - 16.02.05.

Note (1) - The Essential Levels of Care (Italian: Livelli Essenziali di Assistenza - L.E.A.) are the services and assistance that the National Health Service (Servizio Sanitario Nazionale - S.S.N.) has to provide for the citizens either for free or against a co-payment fee (so-called ticket), using the public funding raised with general taxation.

R.I.C. System The Method

R.I.C. Exercises: they originate from the global and sequential observation of the key functions performed by a healthy individual, as they go from a lying or sitting position to standing (walking) and return to the starting position. Each movement is analytically subdivided into various exercises; these exercises have been grouped into muscle regions and split into training days.

About 150 exercises have been studied and developed. Each exercise can have several variations and be performed in different postures (lying supine or prone, sitting or upright, etc.), and can be aimed at muscle recuperation/strengthening, coordination, balance or reaching more objectives at the same time.

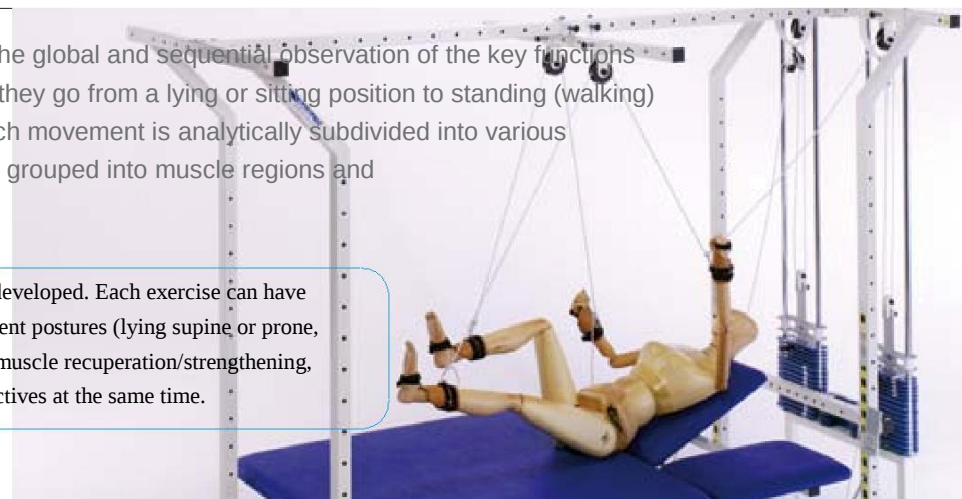
RESULTS ACHIEVED:

The results achieved are very encouraging and, in summary, we can say that:

- All patients showed a marked improvement in the international assessment scales (A.S.I.A., F.I.M., W.I.S.C.I., Ashworth ...);
- About 95% of the paraplegics and 65% of the tetraplegics have resumed an initial therapeutic gait with small splints under the knee, tripod canes or walking frames and aided by the therapist.

For many patients, the resumed gait function can be defined as therapeutic, but, in some cases, it can also become functional when necessary;

- All patients have recovered some independence in movement and personal care by increasing their functional capabilities depending on their impairment;
- Some patients have resumed some motor and sensory activity under the lesion, while others have noticed some urological, intestinal and sexual improvements;
- Most patients are feeling more secure and have greater self-esteem as a result of gaining awareness of and strengthening their motor abilities, so much so that they can resume an acceptable working and social activity;
- All patients have no longer suffered hypokinetic pathologies and the most frequent complications;
- From a psychological point of view, those patients who were de-motivated and depressed have all regained trust in their physical and psychological possibilities by socializing with other patients and appreciating the results achieved; all these patients, stimulated by the R.I.C., have resumed their social and working life outside of the family environment and medical institutions with a marked improvement in the quality of life.



Example 1. Using ankle straps (supplied as standard).



Example 2. Using Alboland restraint straps (supplied as standard).



Example 3. Using R.I.C. handles (supplied as standard).



Example 4. Using the upper body pedal exerciser (AC0112).



Example 5. Using the lower body pedal exerciser (AC0113).



Example 6. Using the vertical foot pedal system (AC0107).



Example 7. Using the slide system (AC0106).



Example 8. Using the R.I.C. bar with hook (supplied as standard).



Example 9. Using the forearm supports (AC0107).