



STANDING FRAME

PARAPION™



CE

USER MANUAL AND MAINTENANCE GUIDELINES

AKCES[®]**MED**



CAUTION! Manufacturer takes responsibility for proper usage of the device only when the product was purchased from qualified Akces-Med employee or at specialized medical store.

Medical product first class according to the Regulation 93/42/EWG of European Parliament and Council regarding medical products.
For this product the producer issued relevant declaration of conformity.
Producer's identification number in the Registration Department of Healing Products,
Medical Products and Biocide Products:

PL/CA01 04088/W



Akces-Med Sp. z o.o. Company introduced quality management system ISO 13485 regarding production, sales and service.
The system is certified by Det Norske Veritas..

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The static verticalizer PARAPION was designed to help in rehabilitation of people with paresis of lower limbs as well as trunk and to enable standing in upright position. We did our best to give you the product which is functional, ergonomic and safe. The advantages of our verticalizer are: light and stable base, easy regulation of hip-clamping ring and chest-clamping ring etc.

Please read this instruction manual carefully. You will find information about our product and will learn how to use it safely and efficiently.

If you have any questions or comments please contact our Medical Adviser at (tel. +48 508 382 502) or directly AKCES - MED Ltd. at (tel. +48 017 85 00 978).

We thank you for purchasing our product.

1. Purpose of the instruction

This instruction contains all basic information needed to use verticalizer PARAPION properly, preparation before using the device, rules of patient's preparation, ways of maintenance and cleaning and the conditions of guarantee. It should be kept in a readily available place.

The instruction is dedicated to disabled persons who use static verticalizer PARAPION and persons who directly take care of the disabled as well as to doctors and physiotherapists.

Before taking any action with the device, you must read the content of this instruction and make sure that all the information, recommendations and warnings contained in it are fully comprehensible.

2. Recommendation of the usage the verticalizer PARAPION

Clinical trials which were conducted on static and dynamic verticalizers confirmed the recommendations of use of these devices in treatment and preventive treatment of many various illnesses, particularly in :

- improvement of action of cardiovascular system,
- preventive treatment and treatment of venous stagnations,
- improvement of lungs ventilation and preventive treatment of pneumonia,
- preventive treatment of pulmonary artery embolias,
- preventive treatment and treatment of osteoporosis,
- preventive treatment and treatment of urinary system stagnations,
- improvement of peristalsis of intestines,
- help in re-education of neurogenic vesicle,
- improvement of psychic condition,
- preventive treatment of amyotrophy,
- preventive treatment and treatment of contractures, improvement of joints movability.

The decision to define the form of rehabilitation, including use of verticalizer must always be made by a leading doctor.

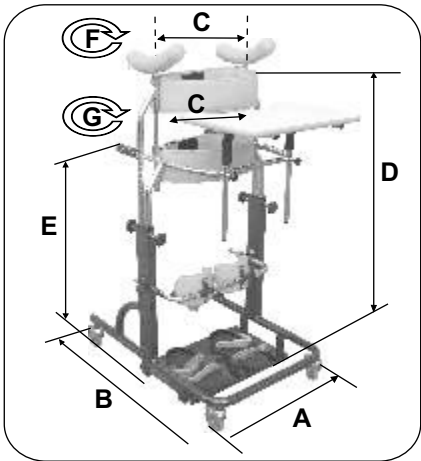
3. General characteristic of static verticalizer PARAPION

Static verticalizer PARAPION is intend for passive rehabilitation of disabled people with paresis of lower limbs. The device permits disabled person to stand independently and safely (although under supervision) or with others' help and do simple activities of everyday life in straight erect position. Thanks to its simplicity verticalizer PARAPION is unusually valuable device during rehabilitation of the disabled at home, in hospital or rehabilitation centers' conditions. The proper use of it may contribute to a considerable improvement of the quality of disabled persons' life.

4. Technical specification of verticalizer PARAPION

The device is available in three sizes:

PARAPION		1	2	3
width of base/length of base(cm)	A/B	55/75	55/80	66/90
internal width of armpit and hip clamping-ring	C	25 cm	35 cm	40 cm
distance between the base and armpit clamping-ring	D	65-90 cm	86-121 cm	109-149 cm
distance between the base and hip clamping-ring	E	45-65 cm	70-95 cm	87-112 cm
chest measurement	F	50-65 cm	75-90 cm	90-110 or 100-120 cm
hip measurement	G	50-65 cm	75-90 cm	90-110 or 100-120 cm
maximum weight		30 kg	55 kg	95 kg

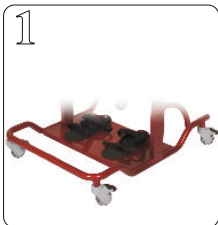


5. General characteristics of PARAPION STANDING FRAME

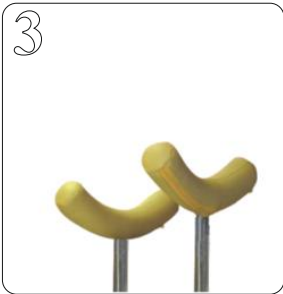
5.1. Standard equipment



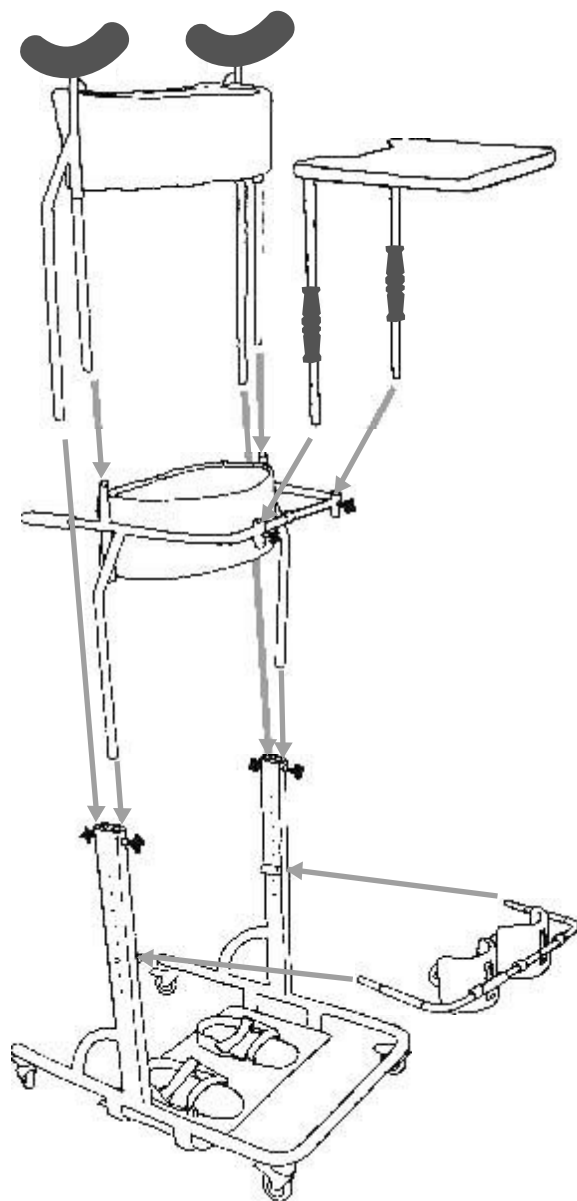
- 1. Frame with rotating wheels equipped with brakes
- 2. Hip clamping-ring with belt
- 3. Chest clamping-ring with belt
- 4. Knee stabilizer with pelot-pads
- 5. Table



5.2. Additional equipment



6. Assembly of verticalizer PARAPION



7. Preparation to use n safety measures

Verticalizer PARAPION will correctly fulfill its function if it is adjusted to growth and weight of patient's body. Therefore during the purchase you should pay attention to the parameters given on page 4. Regulation and adjustment should be always carried out by authorized service agent - therapist. The main principle of adjustment the device to the patient is maximum feeling of safety.

Safety measures:

1. Verticalizer PARAPION should be used according to the recommendations placed in this instruction.
2. Before use:
 - make sure that all units are in working order and correctly installed and the device does not show any signs of cracks or deformations,
 - check that the screws, nuts or other screwed connections are not slacken,
 - check the brakes and wheels functioning,
 - make sure that the movable units are stable and blocked.
3. The device should not be pulled on, jerked or turned over especially if the patient stands in it.
4. The verticalizer PARAPION should not be used unless a trained member of a family or someone entitled to take care of disabled child is around.
5. It should never be used on unstable ground, stairs or steep slopes and also should not be left on sloping surfaces.
6. The device cannot be used if is damaged or any of its part is missing.
7. Although the device and the upholstery are made of fire-resistant materials, please pay your attention when approaching to sources of fire or sources of high temperature during exercises.
8. It is absolutely forbidden to use the device by a patient who is influenced by alcohol, intoxicants, drugs and other substances which can have a negative influence on patient's sense of balance or consciousness.

AKCES - MED Ltd. sell the device technically efficient, free of constructional, assembly or material defects etc.

Verticalizer PARAPION is covered by 24 months guarantee as of the day of purchasing the product by a patient.

Manufacturer is not responsible for damage in the following cases:

- result of servicing the verticalizer by unskilled staff
- using verticalizer during absence of qualified staff
- incorrect installing the units and accessories
- modifying the units independently
- using not original units and accessories
- natural abrasion and wearing away of units (upholstery, wheels etc.)
- damage as a result of incorrect use (concerning unsuitable load and size selection of verticalizer to the given patient)
- not complying with the principles contained in this instruction.

The conditions of guarantee are given in details on guarantee card which is attached to verticalizer.

WARNINGS:

- special caution should be kept during unpacking the device (cutting of package) in order not to damage the upholstery
- assembly of verticalizer should always be made by an entitled person (salesman, dealer) or medical staff accordingly trained
- verticalizer PARAPION is the equipment for individual use
- verticalizer PARAPION should be operated by persons who have read and learnt the instruction manual precisely
- verticalizer PARAPION should be operated by entitled persons such as: the rehabilitants, doctors of rehabilitation and qualified staff after a previous training
- verticalizer PARAPION may be used both on rehabilitation squads and in patient's house in the presence of suitably trained persons only.

Additional information:

- cleaning of the verticalizer should be performed in accordance with the instruction "Maintenance and cleaning" section (page 12)
- in case of any incident or damage please contact the dealer who sold the product

8. Patient's preparation

Before any action with the verticalizer every patient is obliged to comply with the following recommendations:

1. Footwear should be comfortable, highly-laced and should stabilize ankle. It is recommended to use orthopaedic footwear.
2. Clothes should be casual and convenient, airy, not limiting movements; sport wear (for physical exercises) is the best one.
3. Any drains, bags, catheters etc., if they are applied, have to be well protected in order not to fall out, move, shift and not to disturb while standing in straight position.
4. In case of using corset, girdle, collar, orthopaedic footwear or orthosis you should put them before exercises in the verticalizer.
The decision to define form of rehabilitation and use particular orthopaedic article must be always made by a doctor.
5. To keep hygiene and to avoid body's attritions you should not practice in the device without clothes fully covering that parts of your body which touch the upholstery.

9. Basic rules of adjustment verticalizer by a user

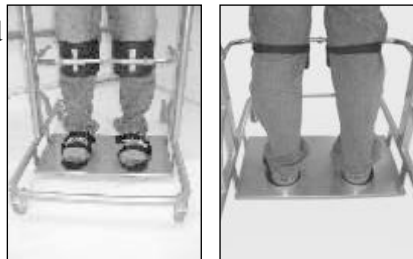
The adjustment of verticalizer to the patient should be always made by suitably trained staff.

Suitably trained persons have to assist patient while doing exercises.

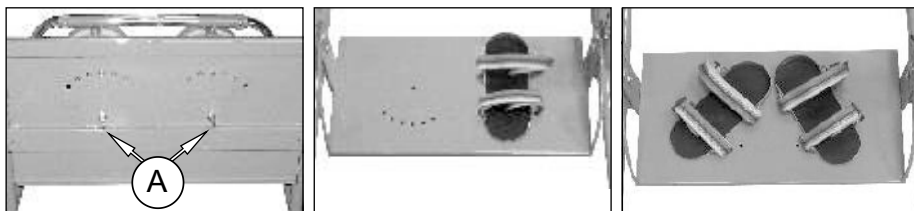
Before use of verticalizer you should block the wheels' brakes and unlock hip girdle and chest girdle (buckles and stickers).

Not blocking the wheels of verticalizer can cause its shifting while uprising, which results in patient's fall, breakage or body's injury.

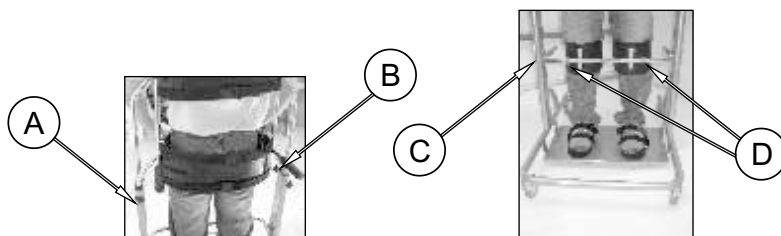
VELCRO stickers in the feet stabilizer and on knee pelot-pads should be unfastened. Place your feet into feet stabilizer, shift them backward maximally to the metal clamping-ring and then fasten VELCRO stickers.



In case of severe feet deformations, feet holders in feet stabilizer should be positioned at a suitable angle. In order to do this please slacken nut A (photo. 1), put suitable angle of feet holder and screw nut tightly.



In size 1 of the verticalizer PARAPION we have introduced (additionally) a possibility of adjustment feet stabilizer's platform (up n down and front - back). In size 2 and 3 of the verticalizer PARAPION the above-mentioned regulation is not a standard option but can be ordered as additional accessory.



When the patient is already verticalized fasten hip girdle and chest girdle using buckles and stickers (double protection) then fit pelot-pads to user's knees {vertical regulation - screws (C), horizontal regulation by unfastening button (D) shifting the pelot-pads and finally fastening} and fasten VELCRO stickers. While buttoning buckles please place your attention on characteristic sound "CLICK" which informs about correct fastening. After blocking of lower limbs you should fit the chest and hip girdles using knobs A and B.

CAUTION!

While regulating the height of the hip clamping-ring and chest clamping-ring you cannot exceed the double lines on cantilever.

Straight position is safe and comfortable. While standing in this position patient is being adapted to the vertical position as well as sense of equilibrium, internal organs, circulation system are being adopted to the new conditions and to bigger load.

Patient can stand in straight position quite long time, can simultaneously do exercises or simple everyday-life activities etc.

To facilitate such activities we have installed a table with regulation of height.

Surely it will be useful to put a book, a cup or laptop on it.

After practicing in verticalizer PARAPION patient must return safely on wheelchair, chair, armchair, bed etc. Patient cannot leave verticalizer independently.

To leave verticalizer the following should be done (hints for doctors of rehabilitation):

1. Block the wheels of verticalizer using brakes.
2. At the back of verticalizer put the wheelchair, chair, armchair etc.
3. Unfasten Velcro stickers in pelot-pads and feet stabilizer.
4. Unblock the protection of opening of both girdles (hip - and chest).
5. Seat patient on wheelchair, chair, armchair etc gently.

Therapist is obliged to patient's insurance at side or at the back.

CAUTION!

You should pay your special attention to block the wheels of wheelchair and protect the chair or armchair before patient is going to seat on it.

Backing off of the seat can cause patient's fall or injuries.

The construction and dimensions of verticalizer enable wheelchair to drive in the device as well as independent (although under supervision) self-verticalization of disabled person.

Additional advantage of PARAPION are rear handle equipped with ergonomic hilts.

They facilitate to manipulate the device.

10. Maintenance and cleaning of verticalizer PARAPION

Verticalizer - as an individual orthopedic supply and a medical device, should be kept clean and used in compliance with the manufacturer's recommendations. The device should be kept in clean, dry and ventilated room in the temperature of 15-35°C and relative humidity not exceeding 80 %.

Preservation and cleaning of the device have to be performed at least once a month.

Regular cleaning and preservation of verticalizer are indispensable to maintain its correct functionality and safety.

Maintenance of wheels

It is recommended to clean the wheels and remove hair, dust, ash etc. at least once a month. You should also grease the wheels with special spray.

Manufacturer recommends to use WD-40 (a free of charge sample has been attached to the article).

Maintenance of construction and upholstered units

Whole construction and upholstery of PARAPION should be cleaned with soft cloth moistened in diluted alcohol, after cleaning should be dried gently.

In case of using verticalizer by many patients (in the hospitals, rehabilitation centres or other places), and the rules of the above-mentioned institutions are not different, both hand handles should be disinfected before transferring the device to next person (the best way is to wipe with alcohol). Absolutely impermissible is direct contact the upholstery with uncovered patient's body.

Only in case of exact compliance with all above recommendations, the responsibility for correct work of the verticalizer is on Manufacturer.

It is not allowed to clean, change units, parts and conserve the verticalizer while it is being used by the patient.

The responsibility for any other activities with PARAPION is on user.

Manufacturer is responsible only for original and hidden defects or technical damages occurred during the correct exploitation of the article.

In case a particular unit needs to be changed or serviced or the device needs to be exchanged please contact the dealer who sold the product.



ORTHOPAEDIC DEVICES MANUFACTURER



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Authorised Dealer



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AKCES-MED Ltd. reserve the right to introduce technical and trading changes
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