

RACER®

Special needs stroller



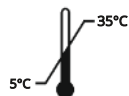
 ATTENTION!

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

Akces-MED Ltd. reserve the right to introduce technical and trading changes in the content of the instruction without warning.

Product marked with the CE sign is Class I medical device, of rule 1, consistent with the requirements of Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices.

Akces-MED Ltd. Company introduced quality management system ISO 13485 regarding production, sales and service.



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Introduction

Special needs stroller RACER® is used for children whose movement possibilities are limited. It may be used in the rehabilitation centre and at user's home. Stable construction perfectly stabilizes the user and it gives him a sense of security. What is more, it enables the correct sitting position and the child has a chance to rest in the reclining position.

Parent is able to take the child to rehabilitation and go for a walk thanks to which the child has the possibility of spending time outdoor. There is no doubt that this special stroller makes life easier for parent regarding care and feeding and, moreover, the child can actively spend time with his family. It is equipped with a vast array of adjustment thanks to which the user feels comfortable in the device.

Additionally, the transport of this buggy is easy due to collapsible construction. Concerning upholstery, it is made of breathable and washable fabrics.

Remember to read this user manual carefully. You will find not only useful information but also guidelines regarding safe and effective use of the product.

If you have any questions or remarks, do not hesitate to contact with us:

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ATTENTION!

Before using the product, user is obliged to familiarize himself/herself with user manual.

Remember that complying with guidelines is highly important. It assures safety and extends durability as well as aesthetics of the device.

1. The purpose of user manual

ATTENTION!

The user manual contains basic information necessary to properly prepare, use and maintain and clean the device.

This user manual should be kept in an easily accessible place. The manual is intended for people who look after disabled users, as well as for doctors and physiotherapists handling the device.

Before using the RACER® for the first time, the user (or caregiver) is obliged to familiarize himself / herself with the user manual.

2. Indications and contraindications for use

These medical devices are intended for people with orthopedic, neurological and cardiological diseases and for people after surgery, with musculoskeletal dysfunctions, who have not acquired the ability to sit independently or who have difficulties in adopting and maintaining the sitting position.

Both for flaccid people with reduced muscle tone and for people with spasticity. The device can also be really useful for people who require long-term relief of one or both lower limbs. It is an irreplaceable aid in the rehabilitation process, both in terms of movement and social integration. The device is great help during everyday activities such as rehabilitation but also during playing, studying or having meals. The selection of the appropriate size of the device depends on medical indications and anatomical parameters, regardless of the age of the user.

The device is recommended for people in the following cases:

- cerebral palsy – various types and forms,
- brain and spinal cord injuries with lower limbs paralysis and weakness, balance and motor coordination disorders with different etiology,
- demyelinating disease (e.g. multiple sclerosis - SM),
- meningocele,
- muscles diseases with weakness and paralysis (dystrophy, myasthenia gravis, myositis),
- genetic disorders,
- degeneration and neurological diseases,
- other condition connected with muscles weakness, paralysis and musculoskeletal disorders,
- after head and spinal cord injuries and spine trauma with paralysis and paresis.

2. Indications and contraindications for use

Contraindications:

- critical condition of the user,
- paralysis,
- deep sedation,
- unstable fractures with specific orthopedic recommendations, including spine fractures,
- untreated deep vein thrombosis,
- hemodynamic instability,
- identified brain dysfunction when sitting upright,
- severe arthritis of the cervical spine,
- pulmonary embolism,
- recent myocardial infarction in the last 24 hours,
- fresh postoperative wounds or non-healing wounds in the back area, pelvic girdle area, hip joints and thighs,
- users with mental disorders should not be left in the device without the supervision of a caregiver.

3. General characteristic of the stroller



RACERO®

- ADJUSTABLE PUSH HANDLE
- HEADREST
- FOLDABLE FRAME
- BACKREST WITH TILT ANGLE ADJUSTMENT
- SIDE SUPPORTS
- 4-POINT SAFETY VEST

- SIDE TUBES PROTECTORS
- SAFETY RAIL
- ADJUSTABLE THIGH ABDUCTION BLOCK
- SEAT CUSHION
- SIDE COVERS FOR CALVES

- 2-POINT FEET STABILIZING BELTS
- FOOTREST WITH SMOOTH AND STEPLESS HEIGHT ADJUSTMENT AND TILT ANGLE ADJUSTMENT

- CENTRAL BRAKE WITH ADJUSTABLE DOWN FORCE
- ALL TERRAIN WHEELS
- UNDER SEAT STORAGE BASKET
- TWO PIECE UPHOLSTERY - TECHNICAL UPHOLSTERY AND WATERPROOF UPHOLSTERY HYDRO™ OR BREATHABLE UPHOLSTERY ATMO™

INFORMATION!

Accessories available for this product can be found on the akces-med.com website under the product tab.

4. Size table



Symbol	Measurement	Unit	Size 1	Size 2	Size 3	Size 4
W	indicative user height *	[cm]	< 120	< 150	< 180	< 180
A	seat width	[cm]	35	36	39	46
L	seat depth	[cm]	34	42	42	45
C	headrest height	[cm]	58	58 - 62	72 - 80	72 - 80
E	backrest width	[cm]	18 ⁽¹⁾ 30 ⁽²⁾	20 ⁽¹⁾ 32 ⁽²⁾	20 ⁽¹⁾ 36 ⁽²⁾	25 ⁽¹⁾ 41 ⁽²⁾
F	footrest length	[cm]	30 - 33	32 - 38	37 - 45	37 - 45
C ₁	backrest height	[cm]	58	62	80	80
L ₁	seat depth to the abduction block	[cm]	15 - 18	22 - 25	28 - 32	28 - 32
	footplate length	[cm]	23	23	25	25
	push handle height	[cm]	78 - 120	82 - 124	75 - 125	75 - 125
Y	seat tilt angle **	[°]	15	15	15	15
X	backrest tilt angle	[°]	90 - 135	90 - 140	90 - 140	90 - 140
Z	footrest tilt angle	[°]	100 - 120	100 - 120	100 - 120	100 - 120
	max. user weight	[kg]	35	50	75	90

Weight and dimensions	Unit	Size 1	Size 2	Size 3	Size 4
width	[cm]	62	64	70	76
length	[cm]	102 - 125	118 - 140	135 - 162	135 - 162
height	[cm]	103	105	125	125
width after folding	[cm]	62	64	70	76
length after folding	[cm]	103	110	125	125
height after folding	[cm]	43	54	58	58
weight	[kg]	24	27	29,4	30

Note: Measurement tolerance range is +/- 1 cm / 1/2 in.

* * This measurement cannot be the main parameter while choosing the product size.

** Value measured with the seat loaded.

⁽¹⁾ With side supports.

⁽²⁾ Without side supports.

5. How to use the stroller

5.1 Unfolding the stroller



ATTENTION!

After unfolding the backrest, remember to lock it. To do this, tighten and clamp the lever of the backrest angle adjustment mechanism.

Before use, check that the backrest does not change its position under the applied force.



5. How to use the stroller

5.1 Unfolding the stroller



ATTENTION!

Make sure that the mounting of the safety rail does not overlap the upholstery of the product.

5. How to use the stroller

5.2 Folding the stroller

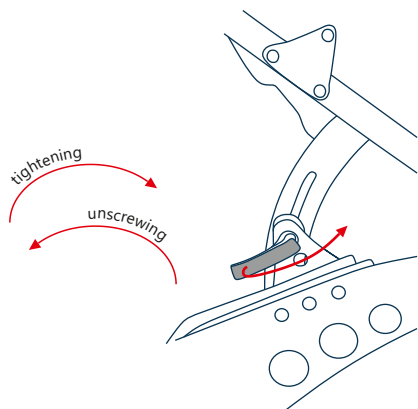


5. How to use the stroller

5.2 Folding the stroller



5.3 Backrest tilt angle adjustment



⚠ ATTENTION!

Changing the angle of the backrest tilt should be preceded by unlocking the adjustment mechanism and loosening it. After setting the angle of the backrest tilt, the mechanism should be tightened and locked by tightening the lever of the adjustment mechanism.

Before use, check that the backrest does not change its position under the applied force.

5. How to use the stroller

5.4 Footrest adjustment

TILT ANGLE ADJUSTMENT



INFORMATION!

When raising the footrest, release the footrest from the adjustment hooks, adjust the angle of the footrest, and when lowering the footrest, lock the footrest.

Make sure that it is locked at the same height.

LENGTH ADJUSTMENT



ATTENTION!

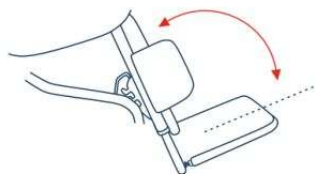
After the footrest height adjustment is completed, tighten the previously loosened screws on both sides.

Before using the product, make sure that the footrest is properly locked and does not change its position under the influence of the applied force.

5. How to use the stroller

5.4 Footrest adjustment

FOOTPLATE TILT ANGLE ADJUSTMENT



DECREASE IN THE DEGREE OF SCREW
EXTENSION - INCREASED TILT ANGLE
OF THE FOOTPLATE

i INFORMATION!

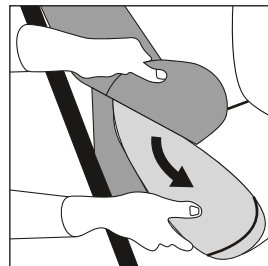
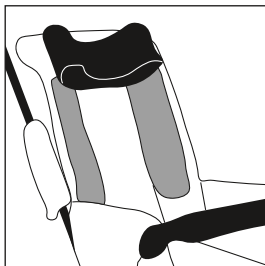
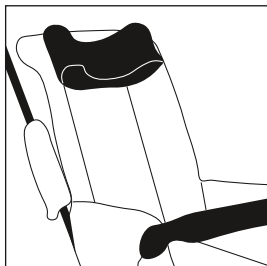
By extending the screw, the degree of tilt of the footplate is adjusted. Be sure to tighten the nut after the adjustment is completed.

The adjustment is done on both sides.

5.5 Side supports

i INFORMATION!

Side supports stabilize the position of the user's torso in the stroller. The upholstery side pocket system allows for easy removal.



5. How to use the stroller

5.6 4-point safety vest



5. How to use the stroller

5.6 4-point safety vest



5. How to use the stroller

5.6 4-point safety vest

ATTENTION!

When using the vest, remember to use additional stabilizing elements to prevent the user from slipping off the seat of the stroller.

Before using the vest, read the information - How to use vests on page 26 of the manual.



5.7 Headrest



5.8 Under seat storage basket



5. How to use the stroller

5.9 Central brake with adjustable down force



i INFORMATION!

In order to properly activate the brake, it is necessary to apply force again after moving the brake lever down, as well as to overcome the break point of the brake. In addition, it will lower its level and effectively block the wheels.

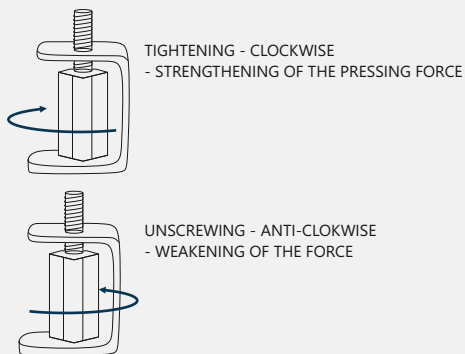
At the moment when the brake does not block the rotating wheels, it means that the brake has not been properly locked.

DOWN FORCE ADJUSTMENT

i INFORMATION!

The brake has the ability to adjust the down force.

The adjustment can be made by tightening or loosening the nut located on each side of the integrated brake.



5. How to use the stroller

5.10 Main upholstery - disassembly



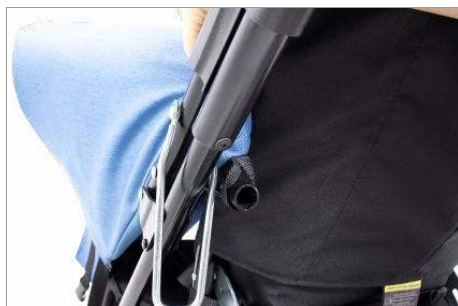
UNDER THE SEATREST



UNDER THE SEATREST

5. How to use the stroller

5.10 Main upholstery - disassembly



5. How to use the stroller

5.10 Main upholstery - disassembly

INFORMATION!

Mounting the upholstery is done in the opposite way to removing it.

It is necessary to:

1. Put on the side calf covers.
2. Put the main upholstery on the stroller.
3. Put the elastic safety tape on the protruding parts of the side barriers behind the back of the product.
4. Secure the upholstery behind the backrest of the product, at the bottom of the product, by threading the tape through the loop and tacking it down.
5. Secure the upholstery under the seat of the product, fastening the straps with buckles.
6. Interweave the upper straps of the vest through the main upholstery.
7. Fasten the vest.
8. Screw in the abduction block.
9. Put on the seat cushion.

ATTENTION!

It is forbidden to use the product without the main upholstery of the product in place.

Before use, check the correct fastening of the buckles and other elements securing the upholstery.

The upholstery should not move unintentionally both without and with the user in the product.

6. The use of the stroller

ATTENTION!

Before using the product, read the user manual and follow the information contained therein.
Do not forget to prepare both product as well as user before using stroller!

6.1 Preparation of the user

Before using the product, it is essential to make sure that:

- user's outfit is light and comfortable sporty clothes are advisable,
- shoes should be comfortable and, moreover, they should stabilize ankle,
- due to hygienic reason and to avoid abrasion it is advisable for the user to always wear clothes when using the device, skin must not be naked especially in places of regular contact with upholstery,
- drains, bags, catheters etc. if applied, have to be secured to function properly and not to disturb during using the product,
- if it is necessary for a user to wear orthopedic supply (collar, corset, orthosis, shoes) if it is recommended by doctor.

ATTENTION!

Outfit should protect user's skin from direct contact with upholstery as well as other parts of equipment.

Only doctor can make a decision concerning using any kind of orthopedic supply!

6.2 Getting on and off the product

Putting the user into the device:

- place the device on even ground, allowing easy access to the product,
- make sure that all parts are serviceable, correctly mounted and stable,
- block brakes,
- adjust the device to user's measurements,
- undo 5-points safety belts or other equipment in use, remove safety rail to allow the user to sit freely in the device,
- when getting on the product, avoid standing on the footplate,

6. The use of the stroller

6.2 Getting on and off the product

- place the user in the device (Fig. 1),
- fasten the elements used to stabilize the user,
- place the support and positioning elements of the user,
- install the remaining equipment.

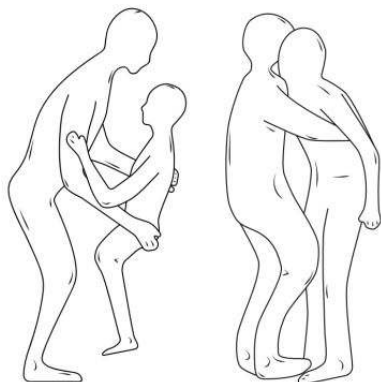


Fig. 1 Ways to sustain the user

Removing the user from the device:

- place the device on even ground, allowing easy access to the product,
- block brake,
- undo harness, remove safety rail to allow free taking out of the user,
- avoid standing on the footplate,
- pull the user out of the product (Fig. 1).

ATTENTION!

Before the product is used, it is highly necessary to make sure that all belts as well as safety equipment are correctly fastened as well as adjusted. What is more, check if they do not become undone due to the pressure and, moreover, make sure that clampings from adjustable elements are firmly tightened! It is forbidden to stand on the footrest when putting the user into the product. In extreme situations, this can lead to damage to the user or tip over and damage the product.

Equipment works correctly only when the device is adjusted according to user's height as well as weight.

Remember to take all these measurements into account while purchasing the product. Correct adjustment is the most important due to the fact that only then the product is safe. It is forbidden to force child to keep specific position because he/she will feel uncomfortable and it may lead to wrong posture.

In case of users who have problem with bladder, it is necessary to put special cloth on seat. This cloth can be purchased in pharmacy or medical shops.

Improper use of the product can lead to the perpetuation of abnormal posture patterns.

6. The use of the stroller

6. 3 Sitting position

The first use of the device usually takes place at a rehabilitation, neurology, neurosurgery or orthopedics center. It is especially important to correctly adjust each element of the device to the user regarding their condition and taking into account existing contractures and deformations. The first use of the device at home should be done with the help of qualified staff (physiotherapist, health nurse, properly prepared family members) after having read the instruction manual.

ATTENTION!

Incorrect device adjustment can lead to such side effects as fainting, body deformities, joint overload, etc. If the abovementioned symptoms occur, stop using the device immediately, take the user out of the device and lay them down. If the undesirable symptoms persist, contact a physician immediately. If the symptoms have disappeared, inform the attending physician about this fact in order to make a decision about the further rehabilitation process.

The decision to use the special needs stroller must always be made by the attending physician.

Adjusting the device to the user should only be done by people who have been properly trained and have read the instruction manual.

6.4 Position when using the special needs stroller

To ensure user safety and health, the pelvis and back should be positioned as close to the backrest as possible to evenly support the spine. The thighs should be supported along their entire length, which requires adjusting the seat depth with the available settings, or if such settings are not available, with suitable accessories.

The feet should rest on the footrest plate to prevent slipping, ensure optimal muscle tension, and transfer body weight.

Due to the available product adjustments, it is prohibited to set a position where the user's head is below the pelvis line. This position poses a risk of choking or aspiration.

6. The use of the stroller

6.5 Riding the special needs stroller

While using the stroller, always hold it by the handle to prevent it from rolling uncontrollably.

To start moving, release the central brake and, holding the handle, guide the stroller in a safe direction.

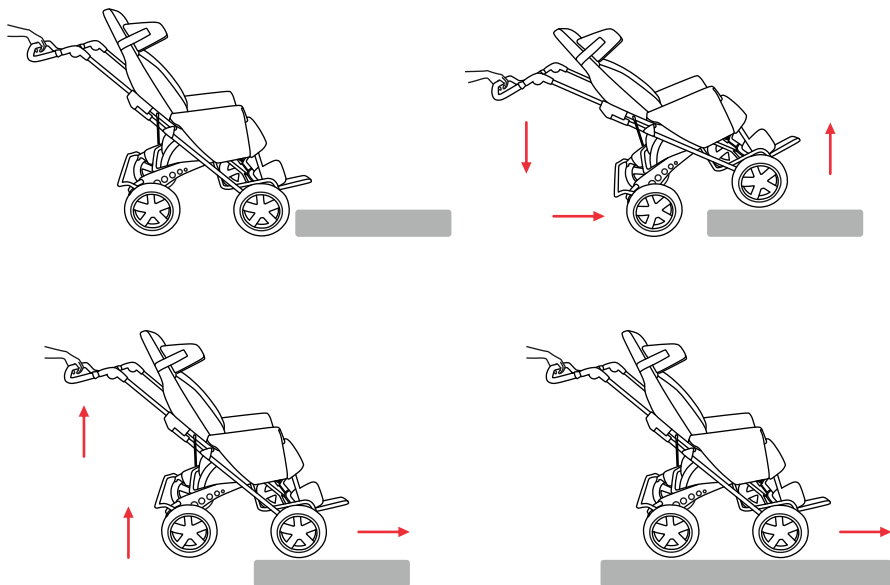
Moving on sloped surfaces

When going uphill, always position the stroller facing the direction of travel. Limit your speed and move slowly. The caregiver must have enough strength to control the stroller's stability.

Remember that the center of gravity of the stroller changes on uneven surfaces. Ensure the ramp is suitable and the wheels are high enough so that the frame does not touch the ramp. It is advisable to have the assistance of a second person.

Overcoming thresholds or curbs

To overcome small obstacles, press the handle down to lift the front wheels of the stroller, then roll them over the obstacle. Pull the handle up and lift the rear wheels to move them over the obstacle.



6. The use of the stroller

6.6 How to use vests

ATTENTION!

The vest provides posture support for special needs stroller users as well as users sitting in positioning chairs or other rehabilitation seats. When properly used, the vest allows the user to adopt the correct sitting position for a longer period of time. The design and shape of the vest make it possible for the user to be free to move their upper limbs within the constraints of the user.

If the vest is not used properly, it can pose a serious threat to the health and life of the user!

Possible threats incident to the use of the vest:

- 1) If the lower vest straps are fastened too loosely, there is a risk that the vest will move upwards to the user's neck, making it difficult to breathe - always check the tension of the straps and set them in such a way that the lower edge of the vest is located near the lower abdomen of the user.
- 2) In a situation when the user slips off the seat, the upper edge of the vest covers the user's neck and blocks the trachea, making it difficult to breathe - it is therefore necessary to ALWAYS use the accessories stabilizing the user's pelvis, such as a pelvic belt, thigh abduction belts or an abduction block.
- 3) There is a risk that the upper straps of the vest will press the user's neck, blocking the trachea and making it difficult to breathe. This might happen if the user's body is improperly secured in the seat or stroller - it is then necessary to use the optional accessories of these devices and stabilize the user's body using the lateral supports. If there is no possibility to use such accessories with the device and the user's body cannot be properly stabilized, the device should be replaced with the one having such an option.
- 4) The vest is fastened too tightly to the backrest and as a result the user cannot breathe easily – in this case the vest should be loosened in such a way that it is possible for the caregiver to insert a straightened hand between the vest and the user's body. If, however, we want to stabilize the user's body properly, we should use a dynamic e.g. a FlexPoint® vest, which does not cause the breathing difficulty for the user.

Instructions for the proper use of the vest:

- 1) Make sure that the user is sitting in the best possible position:
 - in the middle of the seat,
 - deeply in the seat in such a way that the user's lumbar spine rests against the backrest.
- 2) Secure the user's pelvis.
- 3) Make sure that the side supports of the device, if used, are set in the correct position. It is required that the users with the poor trunk control use the side supports. The side supports limit the lateral movements of the user's body, which could lead to the compression of the vest straps on the neck of the user.

6. The use of the stroller

6.6 How to use vests

- 4) Secure the vest:
 - fasten and adjust the lower straps of the vest, so that the lower edge of the vest is located near the lower abdomen of the user,
 - fasten the horizontal strap of the vest (if present),
 - fasten the shoulder straps of the vest,
 - check if the buckles of the vest do not open under pressure.
- 5) Check the user's position:
 - make sure that the vest cannot move by itself towards the user's neck,
 - make sure that you can insert a straightened hand between the vest and the user's body.

To prevent injuries and to minimize the risks associated with the use of the vest, the following rules should be followed:

- 1) The position of the vest **MUST** be checked each time after putting the user in the seat.
- 2) Special attention should be paid to protecting the user from falling forward, slipping off the seat or lifting the pelvis. The vest **MUST** be used with the accessories which will secure the user's pelvis at all times (e.g. the pelvic belt, thigh abduction belts or the abduction block). The use of the vest cannot be considered separately but as a part of a general posture support system including supports such as pelvic belts, foot support, torso stabilization, thigh abduction belts, tilt-in-space position and reclining backrest.
- 3) Special attention should be paid to ensuring that the entire foot of the user has stable support. If the device is not equipped with a foot support, the user's feet must rest firmly against the ground.
- 4) It should be remembered that any change of the inclination angle of the backrest, seat, foot support or tilt-in-space function might affect the effectiveness of the belts and supports!
- 5) Special attention should be paid to the use of stabilization elements or side supports. If the user has poor trunk control, the side supports will limit the lateral movements, which could lead to the compression of the vest straps on the neck of the user.
- 6) The mounting of the vest and adjusting it to the user can only be carried out by a suitably trained person, who is familiar with the instructions for the use of the vest and the rules of its safe use.
- 7) Do not make any repairs or modifications to the vest on your own. In order to repair or replace any part of the vest, please contact the manufacturer.
- 8) Do not use a damaged or incomplete vest, as this poses a serious threat to the health and life of the user!
- 9) Do not leave the user in the device unattended!
- 10) The correctness of the use of the vest should be particularly controlled in accordance with the recommendations in case of children, users with impaired memory or mentally ill.
- 11) Make sure that all people taking care of the user are familiar with the rules of the safe use of the vest.

6. The use of the stroller

6.6 How to use vests

How to care for the vest:

The vest works effectively only if kept clean and maintained in accordance with the manufacturer's instructions. Before each use of the vest, check whether:

- 1) The vest straps are not frayed or worn. If so, have them exchanged for new ones.
- 2) The vest straps are not attached to the wheels of the device.
- 3) The buckles are not damaged. If so, have them exchanged for new ones.
- 4) The velcro fastening holds firmly. If not, remove any dirt or hair from the velcro, or have it replaced with a new one.
- 5) There have been no changes in the user's height or weight from the moment the vest was adjusted to the user.
- 6) The shoulder straps of the vest are adjusted so that they are not too loose or too tight.
- 7) The vest should be cleaned regularly with the use of warm soapy water and dried out of the direct sunlight and other sources of heat. The vest must always be dry before usage.

If you have any doubts or questions about the use of the vest, please contact your doctor or physiotherapist.

7. Safety rules

ATTENTION!

RACER® special needs stroller has to be used with compliance to guidelines included in this user manual. Do not forget to prepare both product as well as user before using the device.

It is highly important to consult either doctor or physiotherapist in order to make right decision concerning the choice of stroller and its size. It is also essential to familiarize with the guidelines described in user manual before using the device.

1. Before use it is necessary to:
 - make sure that there are no damages or different faults which could endanger user's life,
 - check if all parts are working and are correctly mounted and, moreover, check if they are not broken,
 - check if all screws, knobs and all glued, sewed or tapped parts are tightened,
 - check the condition of the upholstery for signs of damage,
 - check if brakes are operating correctly,
 - check if buckles are operating correctly,
 - always use safety belts, Velcro tapes should overlap min. 8cm,
 - adjust the device according to user's measurements and needs,
 - make sure that all movable parts and knobs for adjustments are stable and locked,
 - secure user with the aid of elements such as vest, feet stabilizing belts, supports, abduction block, headrest. It is highly important to secure user because it safeguards him/her from falling out,
 - if abduction contracture occurs, it is recommended to use abduction block in order to prevent ulcers between knees.
2. It is forbidden to use stroller for different purposes that it is intended to.
3. It is forbidden to use stroller when it is damaged or any part is missing.
4. It is forbidden to leave the user unattended.
5. Device should be used only when there is someone who is trained and knowledgeable.
6. It is forbidden to leave stroller and the user on unstable ground unattended, even if the brake is engaged.
7. It is forbidden to either go up or down the stairs; it doesn't matter if the user is placed in the device or not.
8. It's important to make sure that user doesn't stand on footer during either getting into or getting out the stroller.
9. It is important to engage brake during getting into and getting out the stroller.
10. Make sure that all limbs are not close to spokes or other adjustable elements.

7. Safety rules

11. Please pay your attention when approaching to sources of fire or sources of high temperature during using the device. Moreover, stroller shouldn't be stored in rooms with high humidity, basements, outdoors - balconies or terraces. If it is necessary and the product will be stored for a longer period of time outside rooms with low humidity, it should be protected with a waterproof cover.
12. Secure device during transportation in order to avoid any possible damages. Manufacturer doesn't take responsibility for damages which appeared due to improper preparation of the device during transportation.
13. Before using the stroller, remove all paper and plastic packaging. The packaging is not a toy! Keep away from children and animals.

ATTENTION!

Incorrect product adjustment can lead to such side effects as fainting, body deformities, joint overload, etc. If the abovementioned symptoms occur, stop using the product immediately, take the user out of the product and lay them down. If the undesirable symptoms persist, contact a physician immediately. If the symptoms have disappeared, inform the attending physician about this fact in order to make a decision about the further rehabilitation process.

Serious incidents involving this device should be reported both to manufacturer and to the competent authority in your country.

It is forbidden to place the user in the device while being in car, bus or train.

The product contains small parts which children may swallow.

Do not use a product that has any signs of damage, tearing or wear. Only an undamaged product and proper use guarantee its right and safe working. If the product is damaged, discontinue use and contact the manufacturer.

Under no circumstances should an unqualified person repair or alter the product and its construction, as the health and safety of the user depend on it as well as it will lead to the loss of warranty.

The weight of user should not be bigger than maximal weight described on page 8 where you will find information regarding this issue.

8. Terms of warranty

- Akces-MED Ltd. sells products free from manufacturing defects or faults.
- Manufacturer gives the purchaser 24-month guarantee from the date of purchase. All defects revealed during warranty period will be repaired free of charge.
- All defects which appear after warranty period can be repaired only when the user will pay for it. This rule doesn't apply to refunded products - user can ask National Health Refund for refund.
- The stroller is covered by a 36-month warranty on the territory of Canada – the details of the rights resulting from the extended warranty are regulated by the warranty card.
- Manufacturer claims that the product can be used for 48-months. User can use this product after this period only when he/she will send the device to manufacturer so as to service it. Next, manufacturer determines again how long the product can be used and, moreover, the date of the next service will be determined.
- If product is damaged, please contact our dealer or the Akces-MED Ltd. Customer Service Department (ph. +48 17 864 04 77, e-mail: export@akces-med.com).

9. Maintenance and cleaning

The special needs stroller RACER® which is a medical device, should always be kept clean and should be used in accordance with the manufacturer's instructions. The stroller should be kept in a clean, dry and ventilated room. Maintenance and cleaning must be done at least once a month. Periodic cleaning and maintenance of the stroller is essential to keep its proper functioning and safety.

Recommendations for cleaning the upholstery and other elements of the seat:

1. Wash with warm water using a soft cloth and mild cleaners.
2. Make sure the cloth is not too wet, as this may enlarge the stain and damage the upholstery or foam inside the upholstery.
3. Remember to remove excess moisture from the upholstery before the next cleaning.
4. After cleaning the stains, the upholstery should be rinsed with lukewarm water and dried with a clean cloth.
5. Do not use hard brushes for cleaning the upholstery.
6. Do not clean the upholstery with strong chemicals, e.g. solvents or chlorine-based caustics.
7. Do not clean, replace any elements or maintain the stroller during use.
8. Metal and plastic elements should be cleaned by hand with suitable cleaners, after having read the recommendations of the manufacturer of the given cleaner.
9. It is possible to disinfect metal, plastic, wooden and upholstery elements of the product with a generally available disinfectant. In order to disinfect the selected element, spray its surface with a disinfectant generally available on the market and wipe with a dry, clean cloth. After disinfection, wait until the element is completely dry, especially in the case of upholstery. Before using the disinfectant, first check in an invisible place whether the product will not discolor or damage the disinfected surface.

9. Maintenance and cleaning

ATTENTION!

Remember that upholstery has to be always dry before using!

The manufacturer of the special needs stroller, Akces-MED Ltd., is not responsible for any damages caused by using unsuitable cleaners.

Before using it is necessary to:

- clean wheels,
- check if base as well as wheels are correctly mounted; check if brake stops turning wheel,
- check if stroller construction is free of breaks or any kinds of deformities,
- check if all movable parts are working and all screws, nuts, knobs etc. are correctly tightened,
- check if belts, vests, trunk belts, feet stabilizing belts etc are not frayed; check if buckles and clamps work correctly.

ATTENTION!

Manufacturer takes responsibility only for hidden faults or damages which appeared despite the fact that user complied with the guidelines.

In case of any damages, it is essential to contact the person who sold you the product.



9. Maintenance and cleaning

TECHNICAL INSPECTION

Technical inspections should be performed regularly. Before servicing, the product should be thoroughly cleaned to reveal any hidden damage.

FREQUENCY	WHAT SHOULD BE CHECKED?	WHAT SHOULD BE DONE?	REMARKS
BEFORE EACH USE			
	General condition of the product.		
	Check:		
	- the entire product for any visible damage, cracks or mechanical defects, - if the product is complete, - if all bolts, screws, knobs, nuts and other elements of the construction are complete and tightened.		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
	Wheels and brakes.		
	Check:		
	- if the wheels are properly mounted and if they are not damaged, - if the brake is blocking the spinning wheel, - if the wheels are not dirty. If necessary, clean the wheels.		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
	Fastening of the construction elements.		
	Check all the mechanisms of the product and its moving parts. Check in particular:		
	- if the seat is properly mounted (if applicable), - if the wheels are properly mounted (if applicable), - if the elements securing the user are properly mounted and if they work well (if applicable), - if all the moving parts are complete, work properly, do not jam, - if the adjustment mechanisms of the following elements work properly (if applicable): headrest, backrest, seat, abduction block, armrests, footrests.		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
	Upholstery elements.		
	Check:		
	- if there is any damage, tears, rips, loose seams or deformations on the upholstery elements, - if the stabilizing straps, vests or safety belts are not frayed or twisted and if the buckles work properly, - if the stabilizing straps, vests or safety belts work correctly and do not unfasten under pressure or when pulled.		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
ONCE A WEEK			
	Product cleaning.		
	If the frame and upholstery get dirty (dusty, muddy, etc.) during everyday use, wipe them with a damp cloth without detergents.		
	Remove dirt (e.g. hair, food remains, etc.) from the moving parts of the product.		
	The product should be cleaned when necessary, but at least once a week. Do not use any chlorine based cleaners or methylated spirit.		
	Before using the product, check if the upholstery is dry.		

9. Maintenance and cleaning

TECHNICAL INSPECTION

Technical inspections should be performed regularly. Before servicing, the product should be thoroughly cleaned to reveal any hidden damage.

FREQUENCY	WHAT SHOULD BE CHECKED?	WHAT SHOULD BE DONE?	REMARKS
ONCE A MONTH			
	Wheel axles, quick connectors (if applicable).		
	Check:		
	• if the wheels are rolling and if they are not loose. To maintain the wheels, apply a small amount of a preservative-lubricant between the axle and the wheel hub. Check if you can easily remove and attach the wheels.		
	If dirty, clean the wheels from food residue, dust, hair or other.		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
	Product construction connectors (welding, threading, soldering).		
	Check:		
	• the condition of the product frame in the places of joining (welds, threads, soldering).		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
	Tires/innertubes (if applicable).		
	Check:		
	• tire wear condition. Check for visible damage. Check tire pressure (if applicable).		
	If the tire pressure is too low, inflate them to the correct level.		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
ONCE EVERY 6 MONTHS			
	Construction moving parts.		
	Check:		
	• if the moving parts of the construction have not been damaged. Maintain them using a proper cleaning agent.		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
	Product labelling.		
	Check:		
	• if the marking and labels are readable.		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
AFTER THE LIFETIME OF THE PRODUCT FINISHES			
	Detailed product check.		
	The manufacturer specifies the life time of the product, which is given in the user manual. After the given period, the user may use the product only if it is sent back to the manufacturer to be checked first. After that, the manufacturer will re-define the life time of the product and the date of the next check.		
	If you have any questions, please contact Supplier/Distributor or the Manufacturer.		

10. Labelling

	Declaration that the product meets the essential requirements		Dry vertically
	Serial number		Do not chlorinate
	Please read the manual instructions before use		Do not iron
	You need to take special precautions		Do not dry clean
	Manufacturer		Do not bleach
	Production date		Careful! Delicate content
	The product does not contain latex		It is forbidden to either go up or down the stairs. It doesn't matter if the user is placed in the device or not
	Store in a dry place		Prohibition to leave the user without care during use of the product
	Protect from sunlight		Prohibition of use without fastened safety belts
	Storage temperature limitation		You need to read the additional information
	Medical device		You need to press the button shown in the photo
	Unique Device Identification		You need to use the tools indicated in the assembly description

The product data plate contains basic product information such as name, maximum load, manufacturer's data, date of manufacture, and marking in accordance with the requirements for medical devices.



**European
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Smart Growth



**Republic
of Poland**

European Union
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