



ULISESevoTM

SPECIAL NEEDS STROLLER



USER MANUAL

Our passion – your independence!



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!

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

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.





CONTENTS

1. The purpose of use manual.....	6
2. Indications for use.....	6
3. General characteristics of stroller.....	7
3.1. Standard equipment.....	7
3.2. Additional equipment.....	8
4. Size table.....	11
5. Detailed description on how to use stroller.....	12
5.1 Folding the stroller.....	12
5.2 Unfolding the stroller	13
5.3 Footrest.....	13
5.4 Wheels.....	15
5.5 Handle for pushing the stroller.....	16
5.6 5 points belts.....	16
5.7 Backrest.....	18
6. Additional equipment.....	19
6.1 Calf belt.....	19
6.2 Narrowing pads 3 cm, 5 cm.....	19
6.3 Loins support	20
6.4 Cup holder.....	21
6.5 Under seat storage basket.....	21
6.6 Klin międzyudowy.....	22
6.7 Trunk stabilizing belt.....	23
6.8 Head-neck support.....	24
6.9 Umbrella.....	25
6.10 Saddle bags.....	25
6.11 H Harness, 4 points safety vest.....	26
6.12 6 points safety vest.....	26
6.13 Bags.....	26





7. The use of ULISES EVO stroller	27
7.1. The preparation of the patient.....	27
7.2. How to use stroller.....	28
8. Safety rules	30
9. Maintenance and cleaning.....	33





INTRODUCTION

ULISES EVO™ is the perfect stroller designed for daily rehabilitation of children with locomotor disabilities. It works perfectly both in the patient's home and rehabilitation centers. It allows for convenient carrying a little patient with limited mobility.

With its simple and light construction it can be easily folded for transporting purpose. Relatively small size allows you to fit **ULISES EVO™** even in the undersized car trunk. Stable structure of the stroller as well as belts and supports system makes the users feel very confidently and safely. The users are able to adopt the proper seating position or rest in half-lying position. Consequently, the small patient can take a meal, play and perform the therapy exercises in seating position. It also allows for participating in family or social life.

If you have any questions or observations, please contact our company medical advisor (telephone: 516 183 883) or directly with the Akces-Med Ltd facility (telephone: 17 864 04 77).

Thank you for purchasing our product.



CAUTION! 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

The present user manual contains basic information which is essential for proper usage, preparation, maintenance, cleaning and guarantee conditions regarding **ULISES EVO™** stroller.

User manual should be kept in easily accessible place. It is designed for people who look after disabled children, and for both doctors as well as physiotherapists who operate the device.



CAUTION! 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.

2 INDICATIONS FOR USE

The device is recommended for people in the following cases:

- Cerebral palsy – different types.
- Demyelinating disease (children's multiple sclerosis, etc.).
- Brain and spinal cord damage of different etiology.
- Muscle disease with paresis and paralysis.
- Genetic syndromes with limb paresis.
- Other diseases with paresis, paralysis, or movement disorders.
- After traumatic brain or spine injury with spinal cord and lower limbs damage.





3 GENERAL CHARACTERISTICS OF STROLLER

3.1 Standard equipment

1. Adjustable and ergonomically shaped handle
2. 5 points belts
3. Backrest with adjustment of tilt angle
4. Seat
5. Footplates with the adjustment of height and 2 way foot stabilizing belts
6. Front PU swivel wheels made of fiberglass material
7. Rear wheels made of fiberglass material; wheels are equipped with inflatable TT tyres, Brake





3.2. Additional equipment



UL_029 Abduction-adduction thigh belts



UL_001 Thigh abduction belts



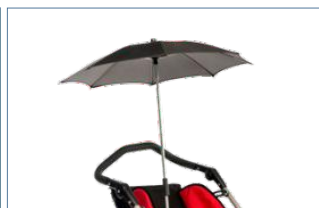
UL_007 Pelvic belt



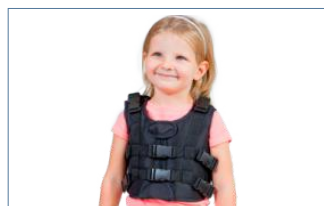
UL_021 Head-neck support



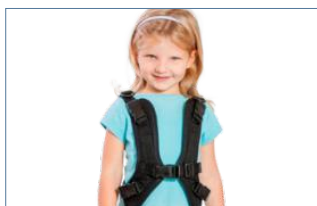
UL_024 Loins support



UL_002 Umbrella



UL_025 6 points safety vest



UL_014 H Harness



UL_028 Abduction block



UL_006 Lady's bag



UL_069 Men's bag



UL_042 Bag DeLux



UL_038 Under seat storage basket



UL_039 Saddle bags (pair)



UL_040 Travel Bag Standard





UL_005 Folding canopy



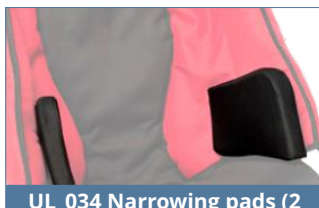
UL_011 Cup holder



UL_015 Calf belt



UL_074 LED lights



UL_034 Narrowing pads (2 pcs) 3 cm



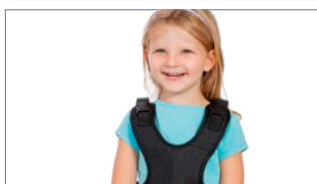
UL_065 Narrowing pads (2 pcs) 5 cm



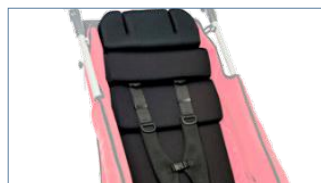
UL_013 Trunk stabilizing belt



UL_036 Thighs belt



UL_030 4 points safety vest



UL_080 Elastico cushion backrest



UL_012 Elastico cushion seat



UL_122 5 points feet stabilizing belts



UL_010 Headrest cotton cover



UL_032 Elastico headrest



UL_048 Oxygen tank holder





UL_090 Front infatable wheel



UL_083 Rear PU wheel, silver metallized



UL_084 Rear inflatable wheel, silver metallized



UL_085 Rear PU wheel



UL_086 Rear inflatable wheel



UL_087 Front PU wheel, silver metallized



UL_089 Front PU wheel





4 SIZE TABLE



Symbol	Measurement	Unit	Size 1*	Size 2	Size 3	Size 4
A	Seat width	[cm]	34	38	42	47
B	Seat depth	[cm]	28	30	38	38
C	Backrest height	[cm]	55	65	71	83
E	Backrest width	[cm]	34	38	42	47
F	Footrests length	[cm]	24-30	27-35	24-35	33-41
	Footplate length	[cm]	16	18	18	22
	Push handle height	[cm]	106	106	109	114
	Seat tilt angle	[°]	18	18	18	18
	Backrest tilt angle	[°]	115-135	115-135	115-131	110-135
	Maximum user weight	[kg]	55	55	75	75

Weight and dimensions of the device		Size 1*	Size 2	Size 3	Size 4
Width	[cm]	55	59	61	69
After folding width	[cm]	55	59	61	69
Length	[cm]	95	96	113	125
After folding length	[cm]	95	97	105	110
Height	[cm]	106	106	109	114
After folding height	[cm]	43	43	46	46
Weight	[kg]	16	17,5	18,5	21

*Available on request.

Note: Dimensional tolerance in the table is +1/-1 cm.





5 DESCRIPTION HOW TO USE STROLLER

5.1. Folding the stroller

Please follow these steps so as to fold the stroller:

STAGE 1. Loosen screws situated at the footrest's board with the aid of Allen key (fig.1) and fold footrest's board (fig.2).

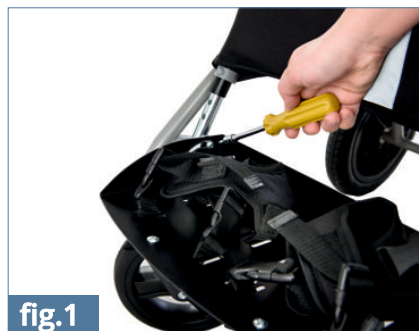


fig.1



fig.2

STAGE 2. Unfasten the sides of upholstery that are fastened by means of Velcro tapes (fig.3,4). It is possible to make the folding of stroller easier, you can simply fasten unfastened sides of upholstery at the front of stroller's backrest with the aid of Velcro tapes (fig. 5).



fig.3



fig.4



fig.5





STAGE 3. Unfasten seat's harness that is placed at the back of stroller's backrest (fig. 6-8).



STAGE 4. Loosen knob situated at the side of backrest. This knob is used for the adjustment of backrest's tilt angle (fig.9). It is very helpful due to the fact that it makes it possible to fold backrest while folding the stroller.

STEP 5. Pull elements of folding mechanism (fig.10) and push backrest forwards until the stroller is completely folded (fig.11-13).



**fig.12****fig.13**

5.2. Unfolding the stroller

Please follow these steps so as to unfold the stroller:

STAGE 1. Pull stroller's handle backwards until elements from folding mechanism are latched.

STAGE 2. Fasten the sides of upholstery with the aid of Velcro tapes. Tighten knobs so as to block the backrest but before it is necessary to adjust the tilt angle of backrest at your discretion. Next, fasten seat's harness by means of Velcro tapes (fig.14) and unfold footrest.

**fig.14**

CAUTION! It is highly important to make sure if the stroller is correctly unfolded. Furthermore, check if elements from folding mechanism lay on stroller's frame and make sure that they are completely blocked!

5.3. Footrest

5.3.1 It is possible to adjust the height of footrest. Please follow these steps so as to adjust it:

STAGE 1. Take out coupling piece that is situated on both sides of stroller (fig.15);

STAGE 2. Adjust the height of footrest at your discretion (fig.16);

STAGE 3. Insert coupling pieces into holes.;



**fig.15****fig.16**

5.3.2. Regarding standard equipment, footrest is equipped with feet stabilizing belts.

5.4. Wheels

5.4.1. Stroller is equipped with front swivel wheels (fig. 17).

5.4.2. Back wheels are inflated. Stroller is equipped with independent blockade for each back wheel.

If you wish to activate the brake, it is necessary to pull red lever which is situated at the back of wheel (fig.18). This activity should be repeated for the second wheel.

**fig.17****fig.18**



5.5. Handle for pushing the stroller

5.5.1. It is possible to adjust the tilt angle of handle. Press two buttons situated on inner side of handle (fig.19) and at the same time adjust handle at your discretion.



fig.19

5.6. 5 points belts

Stroller is equipped with 5 points belts which stabilize the patient and secure him from falling t out of the stroller.

Stage 1. To attach the belts, insert their ends into holes at the chosen height. Afterwards, unclip the buckles and secure the belts with the knob placed on the other side (fig.20)

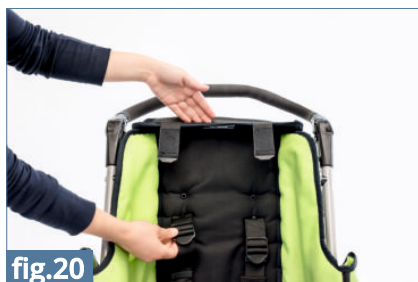


fig.20

Stage 2. To attach the belts on the lower part of the backrest, insert the belts through the triangular holder located on the stroller's frame (fig.21) and then insert the ends of the belts into the regulator (fig.22).

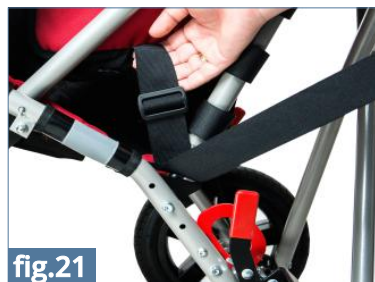


fig.21



fig.22





STAGE 3. Next connect belt's fasteners (fig.23) Insert belt's fasteners into clamp which is mounted at the seat (fig. 24).



Please look at photo no 22 so as to see how belts should be fastened (fig. 25).



fig.25





5.6.3. It is possible to adjust quickly vest to patient's body. You need to pull straps that are placed on belts (fig.26)



CAUTION! Each time before using the 5 point belts check whether:

- The buckles do not unclip under the pressing force;
- The buckles and belts do not move as a result of incorrect fastening.

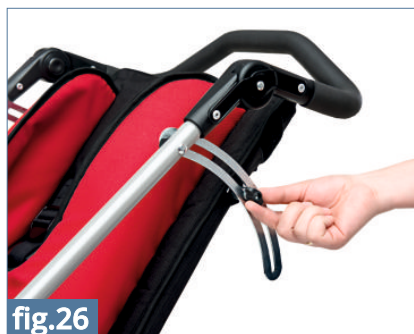
5.7. Backrest

5.7.1 Please follow these steps so as to adjust the tilt angle of backrest:

STAGE 1. Loosen knob situated on backrest's sides (fig.26)

STAGE 2. Adjust the tilt angle of backrest at your discretion (fig.27)

STAGE 3. Tighten firmly knobs.



CAUTION! Before use make sure that the backrest is locked





6 ADDITIONAL EQUIPMENT

6.1 Calf belt, [REF] UL_015

Calf belt is mounted on footrest above footers (fig.29). Fasten belts with Velcro tapes so as to mount calf belt.(fot.30, 31).



fig.29



fig.30



fig.31

6.2 Narrowing pads 3 cm, [REF] UL_034 Narrowing pads 5 cm, [REF] UL_065

To attach the narrowing cushions insert the laces into holes in the side upholstery and tie them from the other side (fig. 33,34).

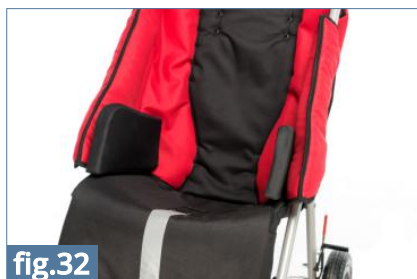


fig.32

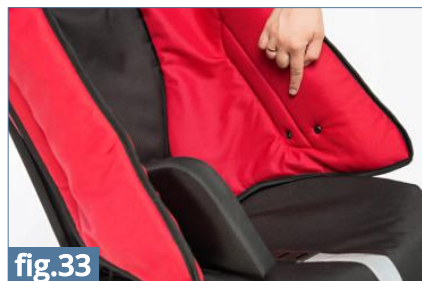


fig.33



fig.34





6.3 Loins support, REF UL_024

Please follow these steps so as to mount loins support:

STAGE 1. Place loins support on stroller's backrest and thread belts that fasten pelotte through holes in backrest's upholstery (fig. 35-37).

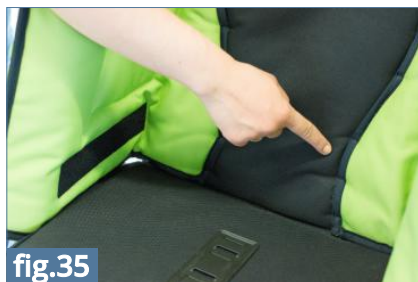


fig.35



fig.36



fig.37

STAGE 2. Fasten fastening belts with the aid of Velcro tapes that are placed behind the backrest (fig. 38,39).

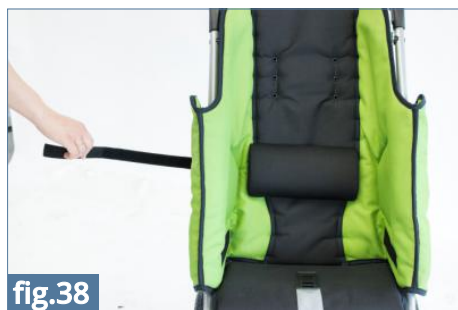


fig.38



fig.39





6.4. Cup holder, REF UL_011

So as to mount cup holder it is necessary to:

STAGE 1. Loosen clip and place it on handle's frame (fig.41);

STAGE 2. Tighten knob (fig.42);

STAGE 3. Adjust proper position with the aid of button (fig.43).



fig.40



fig.41



fig.42



fig.43

6.5. Basket under seat, REF UL_038

Basket is mounted on frame under seat with the aid of buttons.



fig.44





6.6. Abduction block, [REF]UL_028

Follow these steps in order to mount abduction block:

STAGE 1. Dismantle 5 points belts from standard equipment;

STAGE 2. Insert abduction block's batten into handle which is situated on seat upholstery (fig. 45);

STAGE 3. Batten should be mounted to seat with the aid of screw; screw should be tightened by means of Allen wrench (fig. 46).





6.7. Trunk stabilizing belt, REF UL_013

So as to mount trunk stabilizing belt on stroller it is necessary to:

STAGE 1. Insert straps into holes in backrest upholstery (fig. 48,49). It is possible to adjust the height of trunk belt by inserting straps into proper holes in upholstery. Fasten belts with the aid of Velcro tapes at the back of the backrest.



fig.48



fig.49

STAGE 2. Thread side belts through stroller frame (fig. 50) and then insert them into regulator (fig.51). Belt should be adjusted according to the width of patient's trunk. Activity should be repeated for the second side of stroller.



fig.50



fig.51

STAGE 3. Thread belt (the one that closes trunk belt) through grip. It is possible to use shorter or longer belt with grip, it depends on the width of trunk (fig.52).





fig.52



STAGE 4. Trunk belt is closed only when strap is inserted into handle and fastened with the aid of Velcro tapes (fig.53-54).



fig.53



fig.54

6.8. Head-neck support ,REF UL_021

Headrest is ideal for patients with falling head.

To attach the headrest, insert the headrest's belts into holes placed in the backrest's upholstery. Then fasten the belts with the aid of Velcro tape



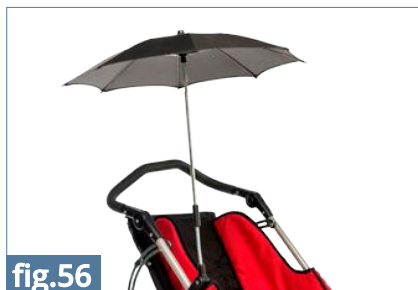
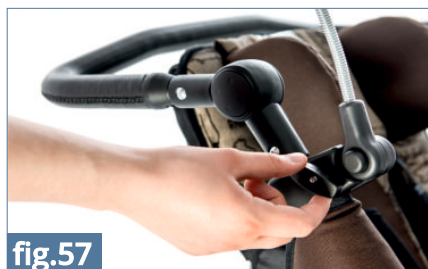
fig.55





6.9. Umbrella, [REF] UL_002

So as to mount sunshade it is necessary to loosen clip and place it on handle's frame. Next, adjust proper position and tighten knob (fig.57). The adjustment of sunshade can be regulated with the aid of button which is situated next to clip (fig.58).

**fig.56****fig.57****fig.58**

6.10. Saddle bags, [REF] UL_038

Side bags are mounted on stroller's frame next to the seat. Take bag's belts and thread them through frame (fig.91) and then fasten two fasteners (fig.92). Small pocket, situated at the front of stroller, is made of airy netting and, moreover, it is equipped with reflective elements.

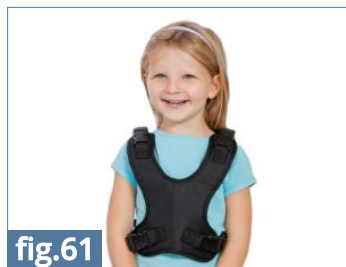
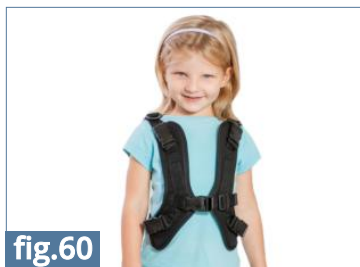
**fig.59**



6.11. H Harness, **REF** UL_014; 4 points safety vest, **REF** UL_030

Vests act as trunk stabilizer. They have a wide range of adjustment and HOLD AND PULL™ function which allows quick fit to the patient's body.

Vests are attached to the stroller in the same way as 5 point belts (look point 5.6, page 16, STAGE 1,2).

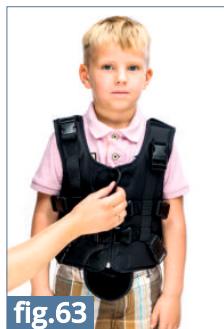
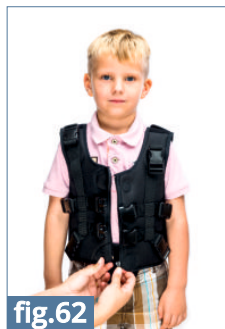


6.12. 6 points vest, **REF** UL_025

It acts as trunk stabilizer and has a wide range of adjustment. Additionally it has HOLD AND PULL™ function which allows quick fit to the patient's body.

Please follow these steps so as to mount 6 points vest:

STAGE 1. Put vest on the patient and then zip up both zipper and clamp situated at the front of the vest (fig.62-65);





STAGE 2. Adjust vest with the aid of Velcro tapes situated at the back of the vest (fig.66-67);



fig.66



fig.67

STAGE 3. Mount vest on the stroller in the same way as standard 5 points belts (look point 5.6, page 16, STAGE 1,2). Fasten vest to stroller with the aid of circumferential belt. This belt should be pulled behind stroller's backrest and fastened at the front of the vest (fig.68).



fig.68

6.13. Lady's bag, REF UL_006

Men's bag, REF UL_069

Bag DeLux, REF UL_042

Bags are very capacious and have a lot of useful pockets. There is possibility to attach them to the stroller or worn them on the arm thanks to the long adjustable belt.



fig.69



fig.70



fig.71



fig.72





7 THE USE OF STROLLER



CAUTION! **ULISES EVO™** stroller has to be used with compliance to guidelines included in this user manual. Remember to use the product only with someone who is trained and knowledgeable. Do not forget to prepare both product as well as patient before using **ULISES EVO™** stroller!

7.1. Preparation of the patient

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

- patient'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 patient 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 patient to wear orthopedic supply (collar, corset, orthosis, shoes) if it is recommended by doctor.



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

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





7.2. How to use wheelchair

1. Before use it is necessary to:
 - Unfold the device;
 - Place the device on even ground;
 - Make sure that all parts are serviceable, correctly mounted and stable;
 - Block brakes;
 - Adjust the device to patient's measurements;
 - Undo vest, trunk belts etc so as to place easily the patient in the device;
 - Place patient in the device;
 - Fasten all elements which stabilize patient e.g. vest, trunk belts, feet stabilizing belts etc.;
 - Mount additional equipment e.g. tray.
2. In case of patients who have problem with bladder, it is necessary to put special cloth on seat. This cloth can be purchased in pharmacy or medical shops.
3. It is essential to hold stroller with the aid of handle during using it otherwise wheelchair can roll.
4. Remember to place stroller forwards
5. In case of any obstacles such as step or curb, it is necessary to raise front wheels by pressing the handle down . Next, place front wheels on step and then raise back part of stroller with the aid of handle.



CAUTION! 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!

Equipment works correctly only when the device is adjusted according to patient'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.





8 SAFETY RULES



CAUTION! ULISES EVO™ stroller has to be used in compliance with guidelines in this user manual.

It is highly important to consult either doctor or physiotherapist in order to make right decision concerning the choice of wheelchair 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 patient'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 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 patient's measurements and needs e.g. the adjustment of pelottes, footplate etc.;
- make sure that all movable parts and knobs for adjustments are stable and locked;
- secure patient with the aid of elements such as vest, foot stabilizing belts, pelottes, abduction block, headrest. It is highly important to secure patient 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 wheelchair for different purposes that it is intended to.
3. It is forbidden to use wheelchair when it is damaged or any part is missing.
4. It is forbidden to leave the patient unattended.
5. Wheelchair should be used only when there is someone who is trained and knowledgeable.
6. It is forbidden to leave wheelchair and the patient 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 patient is placed in the device or not.
8. It is important to engage brake during getting into and getting out the wheelchair.
9. Make sure that all limbs are not close to spokes or other adjustable elements.
10. 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 using the device. Moreover, wheelchair shouldn't be stored in rooms with high humidity.
11. Secure wheelchair 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.





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

CAUTION! The product contains small parts which children may swallow.



CAUTION! It is forbidden to make any changes concerning stroller's structure due to the fact that it is dangerous and it results in losing warranty.

CAUTION! The weight of user should not be bigger than maximal weight described on page 11 where you will find information regarding this issue.

- 1) AKCES-MED Sp. z. o. o sells products free from manufacturing defects or faults.
- 2) Manufacturer gives the purchaser 24-month guarantee from the date of purchase. All defects revealed during warranty period will be repaired free of charge.
- 3) 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.
- 4) 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.
- 5) If product is damaged, please contact our dealer or AKCES-MED customer service (ph. 17/864 04 70)





9 MAINTENANCE AND CLEANING

Stroller should be kept clean and used in compliance with the manufacturer's recommendations. The device should be kept in clean, dry and ventilated room. Maintenance as well as cleaning have to be performed at least once a month. Regular cleaning and maintenance of stroller are indispensable to maintain its correct functionality as well as safety.

It is highly advisable to remember about proper maintenance in order to extend product's aesthetics. So as to do that, it is essential to comply with these guidelines:

1. It is recommended to clean upholstery with the aid of cleaning product, soft sponge and warm water. If you use sponge which is too wet, stain may get bigger, upholstery may be destroyed. It is necessary to remember that the excess of dampness should be removed from fabric before next cleaning. Please rinse upholstery with warm water and clean white cloth once stain is removed.
2. It is forbidden to soak upholstery!
3. It is forbidden to clean upholstery with the aid of hard brushes.
4. It is forbidden to clean upholstery with strong chemical agents such as solvent or caustic chemicals.



CAUTION! Akces-MED. Sp z o. o takes no responsibility for damages caused by use of wrong clearing agent.

5. It is forbidden to soak upholstery during cleaning. Remember that upholstery has to be always dry before using.
6. It is forbidden to clean, make any changes and maintain wheelchair during using it.
7. All metal as well as plastic elements should be cleaned by hand with the aid of general cleaning products. Remember to familiarize yourself with cleaning product's leaflet.





CAUTION! Remember that upholstery has to be always dry before using!

Before using it is necessary to:

- clean wheels;
- check if base as well as wheels are correctly mounted; check if brake stops turning wheel;
- make sure that all wooden parts e.g. tray don't have splinters;
- check if wheelchair 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.



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

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





ULISESevoTM

AKCES[®]MED



ORTHOPAEDIC DEVICES MANUFACTURER



Akces-MED Sp. z o.o.
Jasionka 955B
36-002 Jasionka
tel. (17) 864 04 77

www.akces-med.com

e-mail: export@akces-med.com

Authorised Dealer



Date of issue: **02.02.2015**

The last update: **10.11.2015**

Our passion – your independence!