



ULISESevo™

SPECIAL NEEDS STROLLER



USER MANUAL

Our passion - your independence!

AKCES[®]MED



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**MEDICAL
DEVICE
CLASS 1**



**WYRÓB
MEDYCZNY
KLASA 1**

Medical product first class according to the Regulation 93/42/EEG of European Parliament and Council regarding medical products. For this product the producer issued relevant declaration of conformity.



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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INTRODUCTION

ULISES EVO™ is a perfect stroller designed for daily rehabilitation of children and youth with locomotor dysfunctions. It is particularly useful for patients requiring additional stabilization.

The stroller has adjustable seat depth and backrest tilt angle which greatly facilitates its functionality. With simple and light construction it can be easily folded for transporting purposes. Furthermore, relatively small size allows you to fit **ULISES EVO™** into an undersized car trunk.

Stable structure of the stroller, belts and supports system as well as reflective elements make the user feel safe. The backrest can be easily bend back and adjustable push handle increases the stroller maneuverability. Rich equipment and wide range of adjustments make **ULISES EVO™** fit easily to the individual needs.

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

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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 – 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.





3 GENERAL CHARACTERISTICS OF STROLLER

3.1 Standard equipment

1. Adjustable push handle.
2. Headrest.
3. 5-point belts.
4. Side covers.
5. Backrest with tilt angle adjustment.
6. Upholstery with the system regulating the tension of seat and backrest upholstery.
7. Seat with depth adjustment.
8. Footrest with height and tilt angle adjustments, 2-point belts fastening the feet.
9. Foldable stroller frame.
10. Rear, air pumped wheels equipped with two independent brakes.
11. Front swivel castors
12. Backrest extension
13. Central Brake





3.2. Additional equipment



ULE_001

LED Lights



ULE_002

Aid for moving patients AM-P



ULE_013

Safety rail



ULE_021

Knee protectors



ULE_101

Thigh abduction belt



ULE_107

Pelvic belt



ULE_113

Trunk stabilizing belt



ULE_114

H Harness



ULE_115

Calf belt



ULE_121

Head-neck support



ULE_124

Loins support



ULE_125

6 points safety vest



ULE_126

Trunk belt



ULE_128

Adjustable abduction block



ULE_129

Abduction-adduction thigh belts





ULE_130

4-points safety vest



ULE_132

Elastico headrest



ULE_133

Firm foam headrest



ULE_134

Narrowing pads (set) 6 cm



ULE_136

Thighs belt



ULE_137

Narrowing pads (set) 10 cm



ULE_147

5 points foot stabilizing belts



ULE_148

High lateral supports



ULE_149

Rigid pelvic supports with narrowing pads 6 cm



ULE_150

Rigid pelvic supports with narrowing pads 10 cm



ULE_153

Low lateral support



ULE_160

Shaped OCTAGON headrest with the head support



ULE_161

Sandals stabilizing feet and ankles



ULE_162

Dynamic ankle stabilizers (FP-22)



ULE_402

Umbrella





ULE_403

Tray



ULE_405

Folding canopy



ULE_408

Rain cover



ULE_409

Mosquito net



ULE_410

Headrest cotton cover



ULE_411

Cup holder



ULE_412

Elastico cushion seat



ULE_413

Elastico backrest cushion



ULE_415

Rear wheels cover



ULE_416

Summer footmuff



ULE_416

Winter footmuff



ULE_418

Hood for winter footmuff



ULE_421

Seat cushion (thighs shape)



ULE_419

Seat cushion (pommel shape)



ULE_433

Lifting bar





ULE_439

Hand brake



ULE_440

Front wheel locks



ULE_442

Front wheel covers



ULE_444

Armrests



ULE_502

DeLux Bag



ULE_503

Lady's bag



ULE_504

Men's bag



ULE_505

Under seat storage basket



ULE_506

Carrier bag for the stroller



ULE_507

Oxygen tank holder



ULE_509

Organizer bag



ULE_701

ULE_707

Rear inflatable wheel
Front inflatable wheel



ULE_704

ULE_711

Rear PU wheel
Front PU wheel

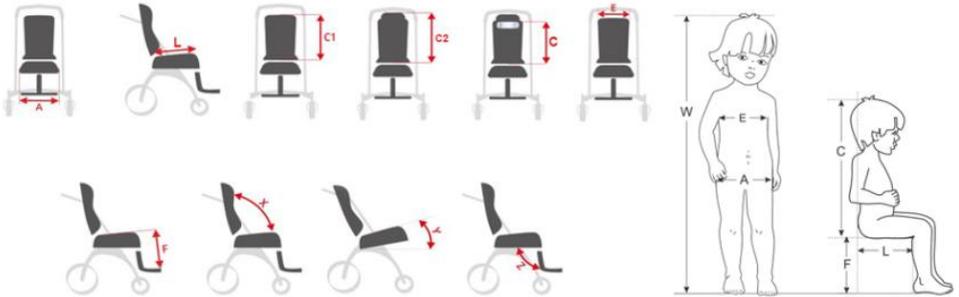


ULE_723

Comfort Upholstery



4 SIZE TABLE



SIZE TABLE

Symbol	Measurement	Unit	Size 1	Size 1a	Size 2	Size 2a	Size 3
W	Indicative user height*	[cm]	80-120	100-150	100-150	130-180	130-180
A	Seat width	[cm]	31	31	37	37	43
L	Seat depth	[cm]	22-29	29-37	29-37	35-45	35-45
C	Backrest headrest	[cm]	40-70	43-80	43-80	51-90	51-90
E	Backrest width	[cm]	28	28	34	34	40
F	Footrests length	[cm]	19-25	24-32	24-32	30-40	30-40
C1	Backrest height (without backrest extension)	[cm]	46	54	54	62	62
C2	Backrest height (with backrest extension)	[cm]	61-70	69-80	69-80	77-90	77-90
	Footplate length	[cm]	19	19	21	21	25
	Push handle height	[cm]	102	102	102	102	102
X	Backrest tilt angle	[°]	90-150	90-150	90-150	90-150	90-150
Y	Seat tilt angle	[°]	13	13	13	13	13
Z	Footrests tilt angle	[°]	90-180	90-180	90-180	90-180	90-180
	Maximum user weight	[kg]	55	75	75	75	75

Note: Measurement tolerance range is +/- 1 cm / ½ in.

Note: In extreme positions of the handle, it may collide with the backrest when changing its angle. In such cases, the handle should be raised while adjusting.
*The value cannot be main factor for selection of product size.

WEIGHT AND DIMENSIONS OF THE DEVICE

Weight and dimensions of the device		Size 1	Size 1a	Size 2	Size 2a	Size 3
Width	[cm]	57	57	63	63	69
After folding width	[cm]	57	57	63	63	69
Length	[cm]	94	110	110	127	127
After folding length	[cm]	104	107	107	114	114
Height	[cm]	102	102	102	102	102
After folding height	[cm]	40	45	45	50	50
Weight	[kg]	18,5	19,5	20	21,5	22

Note: Measurement tolerance range is +/- 1 cm / ½ in.

Note: Approximate values, depending on the product configuration.

Note: In extreme positions of the handle, it may collide with the backrest when changing its angle. In such cases, the handle should be raised while adjusting.





5 DETAILED DESCRIPTION HOW TO USE STROLLER

5.1. Folding the stroller

To fold the stroller, you should:

STEP 1. Fold the footplate (fig.1, 2).



STEP 2. Change the position of the footplate so that, to be placed in one line with the stroller seat (fig.3) (**Footrest angle adjustment** → see page 16, point 5.3.2).



STEP 3. Pull the strap located in the back of the backrest (fig.4) and simultaneously push the backrest forward until it stops (fig.5) (**Backrest tilt angle adjustment** → see page 17, point 5.6.1).





STEP 4. In order to make stroller folding easier, it is recommended to take off the side covers.



STEP 5. Afterwards, pull the folding mechanism (fig.7) and push the backrest forward until it stops (fig.8-10).



5.2. Unfolding the stroller

To unfold the stroller, you should:

STEP 1. Pull the stroller's handle backwards until the folding mechanism snaps.



CAUTION! Make sure whether the stroller has been properly unfolded and the folding mechanism is totally locked.

STEP 2. Afterwards, set the desired angle of backrest and footrest, unfold the footrest, put the side covers.

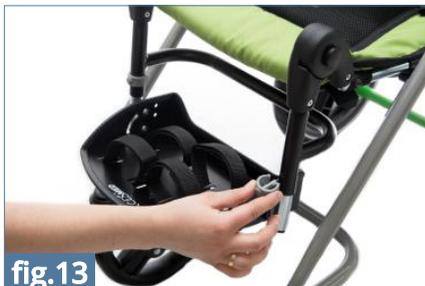
5.3. Footrest

5.3.1 To adjust the footrest height, you should:

STEP 1. Remove the quick connectors from both sides of the stroller. (fig.13);

STEP 2. Set the desired height of the footrest (fig.14);

STEP 3. Put the quick connectors into holes;





5.3.2. In order to adjust the footrest tilt angle, you should simultaneously press the buttons placed on the side of the footrest, set the desired position, and then release the buttons.



fig.15



fig.16

5.3.2. The footrest comes standard with 2-point belts stabilizing the feet.

5.4. Koła

The stroller is equipped with front swivel PU wheels (fig. 17a) and rear inflatable wheels (fig. 17b) with a central brake. In order to block or unblock the wheels, move the red element located at the rear axle of the wheels (fig. 18).



fig.17a



fig.17b



fig.18a



fig.18b



5.5. The push handle

5.5.1. In order to adjust the push handle tilt angle, press the two buttons located at the outer side of the push handle simultaneously (fig.19) and then set the desired angle of the push handle.

Note: In extreme positions of the handle, it may collide with the backrest when changing its angle. In such cases, the handle should be raised while adjusting.



fig.19

5.6. Backrest

5.6.1. To adjust the angle of the backrest:

STEP 1. Push the backrest slightly forward at the same time pulling the strap which releases the backrest angle blockade.

STEP 2. When holding the strap, set the required angle of the backrest.

STEP 3. The backrest will block itself after releasing the strap.

Adjustment of the backrest tilt angle is gradually. Before the use of the stroller make sure that the retaining pin is placed in hole and the backrest is locked (fig.22).



fig.21



fig.22



CAUTION! Pulling the strap without pushing the backrest first may damage the backrest angle adjustment. Pay special attention in case when the user is in the stroller and is leaning against the backrest.



5.7. Backrest extension

5.7.1. In order to adjust the backrest extension height, you should:

STEP 1. Using the Allen wrench, loosen the screws located at the back of the backrest (fig.23).

STEP 2. Set the desired height of the backrest extension.

STEP 3. Tighten the screws.



5.8 Seat

5.8.1. In order to adjust the seat depth, you should:

STEP 1. Using the Allen wrench, loosen the holder located at the both side of the seat frame (fig.25).

STEP 2. Detach upholstery Velcro straps located under the seat and behind the backrest.

STEP 3. Set the desired seat depth.

STEP 4. Using Allen wrench, tighten the holder and fasten the Velcro straps.



Maximum depth setting of the seat is indicated by the retaining pins coming into holes located at the both side of the seat frame. To decrease the seat depth, after reaching its maximum position, push the retaining pins inside the frame.



5.8.2 In order to adjust the angle of the seat, there is necessary to:

STEP 1. Detach Velcros on the straps located below the seat (fig.27).

STEP 2. Adjust required angle by loosening or tensing the upholster.

STEP 3. Attach the Velcros (fig.28).



fig.27



fig.28

5.9. 5-points belts

The stroller is equipped with 5-point belts that stabilize the patient and secure him from falling out of the stroller. Depending on the needs of the patient, the belts can be attached at the different height of the backrest.

STEP 1. In order to attach the belts to the lower part of the backrest, interlace the belts through holes placed in the stroller frame (fig.27) and then insert their ends into strap buckle (fig.28).



fig.29



fig.30

STEP 2. In order to attach the belts to the higher part of the backrest, insert ends of the belts into holes placed on the backrest. Afterwards, secure them using knob placed on the other side.

STEP 3. Connect the belts (fig.29) and insert them into buckle located at the seat (fig.30).





fig.31

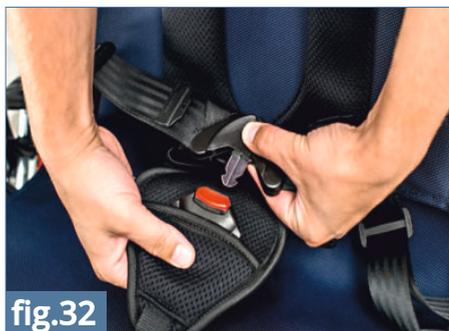


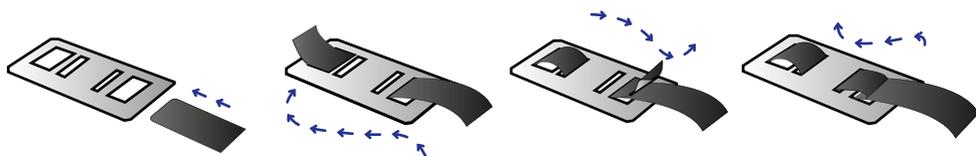
fig.32

STEP 4. In order to attach the 5-point belts to the seat, interlace the belt through the plastic holder located at the cushion



CAUTION! The belt should be interlaced through the plastic holder three times! Assembly diagram below.

ASSEMBLY DIAGRAM OF THE BELTS



CAUTION! Each time before using 5-point belts, you should check if:

- Buckles do not stretch of the pressing force
- Buckles and belts do not move as a result of improper attachment





6 ADDITIONAL EQUIPMENT

6.1. [REF] ULE_013 Safety rail

In order to mount the safety rail, you should:

STEP 1. Place the safety rail hooks on the stroller frame, as indicated in the picture 32.



fig.34

STEP 2. Set the safety rail at the desired position. To do that, you need to release the latch so that the pin jumped into the frame hole.



fig.35



fig.36

6.2. [REF] ULE_101 Thigh abduction belt

In order to mount the Thigh abduction belt, you should:

STEP 1. Detach the two plastic strap adjusters (pic.35).

STEP 2. Put the belts on the seat (breathable fabric should be facing up, pic. 36).



fig.37



fig.38





STEP 3. Attach the belt to the black holder placed next to the backrest (pic. 37).

STEP 4. Slide the end of the belt into the plastic strap adjuster (pic. 38-39).



fig.39



fig.40



fig.41

STEP 5. Then, attach the plastic strap adjuster (the one that you previously detached in STEP 1) to the belt (pic. 40).



fig.42

STEP 6. Slide the end of the belt into the snap buckle (pic. 41-42).

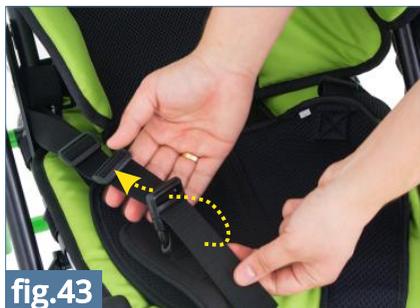


fig.43



fig.44





STEP 7. Finally, slide again the end of the belt into the plastic strap adjusters



fig.45



fig.46

6.3. REF ULE_113 Trunk stabilizing belt

In order to mount the trunk stabilizing belt, you should:

STEP 1. Put the straps into the holes placed in the backrest upholstery (pic 45-46). You can adjust the position of the belt by putting the straps into the different holes (higher or lower ones). Fasten the straps behind the backrest by use of Velcro (pic. 47-48).

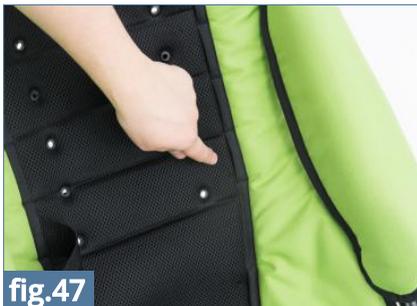


fig.47



fig.48



fig.49



fig.50



STEP 2. Pass the side straps through the stroller frame (pic.49), and then slide them into the plastic strap adjuster (pic.50-51). Repeat on the other side of the stroller.



fig.51



fig.52



fig.53

STEP 3. Afterwards, pass the remaining strap with buckle (1) as indicated in the pictures below (pic. 52-54).

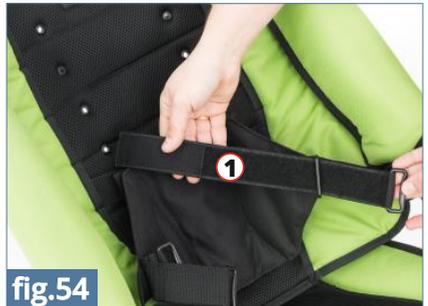


fig.54

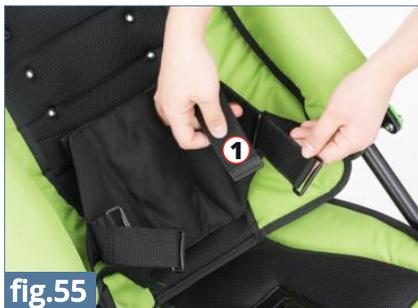


fig.55



fig.56



STEP 4. To fasten the trunk stabilizing belt, slide the strap (1) into the other strap buckle (2), and then fasten it by use of Velcro (pic. 55,56). Depending of the width of the trunk, you can use shorter (2) or longer strap (3) with buckle (pic 55).



6.4. REF ULE_115 Calf belt

In order to mount the calf belt, you should:

STEP 1. Attach the brace to the footrest frame.



STEP 2. Fasten the brace behind by use of Velcro.



6.5. REF ULE_121 Head-neck support

This kind of headrest is highly indicated for patients with head-dropping problems. In order to mount the headrest, put the headrest straps into the holes placed in the backrest upholstery. Fasten the strap behind the backrest using Velcro.





6.6. **REF ULE_124** Loins support

In order to mount the Loins support, you should:

STEP 1. Put the Loins support on the backrest and interlace the straps through the holes in the upholstery (pic. 60, 61).



STEP 2. Fasten the belts behind the backrest (pic. 62, 63).



6.7. **REF ULE_126** Trunk belt

The trunk belt can be easily cut to any length. In order to do that, you should:

STEP 1. Unfasten the belt from the back (pic. 64).





STEP 2. Choose the appropriate length of the belt and cut it along the designated place (pic. 65, 66).



fig.67



fig.68

STEP 3. Fasten the ends of the belt using Velcro fastener (pic. 67). The belt should be mounted to the stroller around the backrest (pic. 68).



fig.69



fig.70

6.8. REF ULE_128 Abduction block

In order to mount the abduction block, you should:

STEP 1. Remove the 5-point belts attached to the standard stroller equipment.

STEP 2. Slide the abduction block bar into the handle placed in the seat upholstery (pic. 69).



fig.71

STEP 3. Tighten the abduction block to the seat by use of Allen screw (pic. 70, 71).



fig.72



fig.73

6.9. **REF ULE_136** Thigh belt

In order to mount the thigh belt, you should:

STEP 1. Put the belt on the stroller and fasten it under the seat using Velcro.



fig.74



fig.75

6.10. **REF ULE_134** Narrowing pads (set) 6 cm **REF ULE_137** Narrowing pads (set) 10 cm

Cushions can only be attached to the seat along with the rigid side supports (low or high) that are trimmed with one-sided Velcro material (see page 30, 31).



fig.76



fig.77





6.11. **REF ULE_148** High rigid trunk support

In order to mount the supports, you should:

STEP 1. Slide the support between the frame and the seat. Then, press the upper hook of the support down (pic. 76).

STEP 2. Press the other hook in the designated place and secure with Velcro strap (pic. 77, 78).



fig.79



fig.78



fig.80



fig.81

The supports are covered with one-sided Velcro material which means that you can attach to it any patient-stabilizing elements that are equipped with Velcro e.g. seat narrowing cushions.



6.12. **REF ULE_153** Low lateral support

REF ULE_149 Low lateral support with seat narrowing cushion 6cm

REF ULE_150 Low lateral support with seat narrowing cushion 10 cm

In order to mount the supports, you should:

STEP 1. Slide the support between the frame and the seat (pic. 80).



fig.82

STEP 2 Then, mount the support using Velcro strap and hooks that need to be pressed to the frame (pic. 81,82).



fig.83



fig.84



fig.85

The supports are covered with one-sided Velcro material which means that you can attach to it any patient-stabilizing elements that are equipped with Velcro e.g. seat narrowing cushions.





6.13. REF ULE_114 H Vest REF ULE_130 4-points safety vest

In order to attach the vests to the stroller, you should:

STEP 1. Detach two bottom straps and the plastic strap adjusters (pic. 84). Then, interlace the remaining strap through the black holder placed next to the backrest (pic. 85).



STEP 2. Slide the end of the strap into the plastic strap adjuster located on the other side (pic. 86-88).





STEP 3. Slide the strap into the remaining plastic strap adjusters (the ones you previously detached in STEP 1, pic 89).

STEP 4. Slide the strap into the snap buckle in the bottom part of the vest (pic 84, 85). Afterwards, slide again the end of the strap into the strap adjusters (pic. 86, 87).



fig.19



fig.92

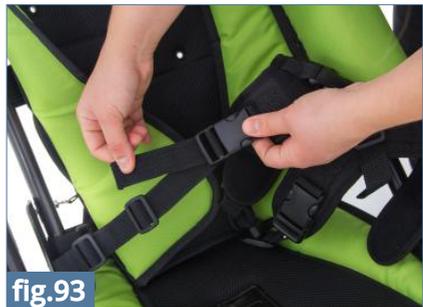


fig.93



fig.94



fig.95

STEP 5. Attach the upper part of the vest at the desired height and secure it with the knob from the back (pic. 88, 89).

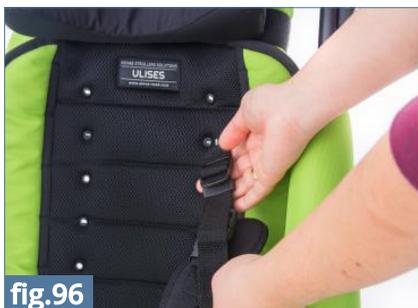


fig.96

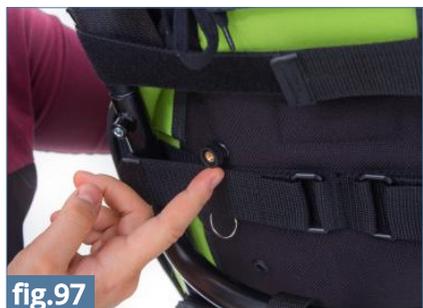


fig.97



Properly attached H vests and 4 point vest.



fig.98



fig.99



CAUTION! Before using the vest, it is essential to familiarize yourself with the safety rules contained in the instruction. Information on how to safely use the VEST can be found on the page 45 of the instruction. Improper use and not obeying the safety rules may endanger the user's health and life.

6.14. **REF ULE_125** 6-point safety vest

To attach the vests, you should:

STEP 1. Follow the H vest and 4 point safety vest instruction (see page 32-33, STEP 1-5).

STEP 2. The 6-point safety vest has additional security in the form of a long strap with snap buckle that should be passed around the backrest and fastened from the other side of the vest (pic. 92-95).

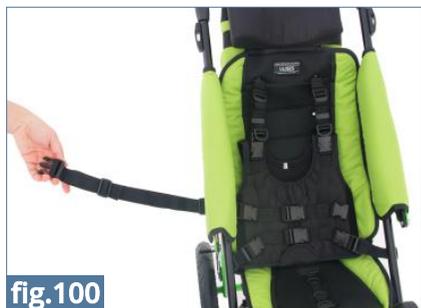


fig.100



fig.101



fig.102



fig.103

The 6-point safety vest has a wide range of adjustments that allows you to easily fit it to the patient (pic. 97-102).



fig.105



fig.106



fig.107



fig.108



fig.109



fig.110



CAUTION! Before using the vest, it is essential to familiarize yourself with the safety rules contained in the instruction. Information on how to safely use the VEST can be found on the page 45 of the instruction. Improper use and not obeying the safety rules may endanger the user's health and life.





6.15. **REF** ULE_402 Umbrella

In order to attach the umbrella to the stroller, you should:

STEP 1. Loosen the clamp and attach it to the stroller frame (pic. 103).

STEP 2. Tighten the knob (pic. 104).

STEP 3. Set the desired position of the umbrella using the button (pic. 105).



fig.111



fig.112



fig.113



fig.114

6.16. **REF** ULE_403 Tray

In order to mount the tray, you should:

STEP 1. Place the tray hooks onto the selected frame elements (pic. 107-108).



fig.115

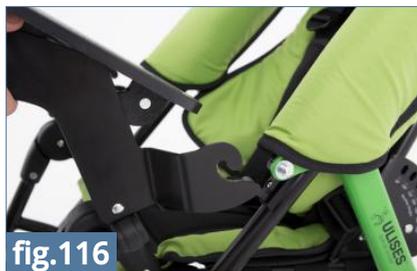


fig.116



STEP 2. Afterwards, put the tray handles onto the frame and press them (pic. 109, 110).



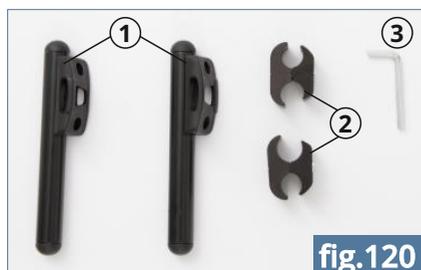
STEP 3. In order to adjust the tray depth, loose the knob and set the desired depth. Then, tighten firmly the knob.



6.17. **REF ULE_405** Folding canopy

Folding canopy mounting set

1. Ø19 mm pipes with the holders (2 pcs),
2. Holder clamp (2 pcs),
3. Hex key 5 mm,
4. Folding canopy.





The holder clamp (2) has two diameters: Ø22 for mounting it on the frame of the stroller, and Ø19 for mounting the pipe with the folding canopy holder.

Folding canopy mounting instructions:



STEP 1. To mount the folding canopy, fix the clamp Ø22 (2) on the frame below the push handle and tighten it with the hex key (4) (fig. 123, 124, 125).



STEP 2. Next, insert the pipe with the folding canopy holder (1) into the Ø19 clamp (2) on the demanded height and tighten it.





The pipes with the canopy holder (2) can be fixed on different heights, depending on the preferences (fig. 128-131).



Repeat **STEP 1** and **STEP 2** on the other side of the stroller.

STEP 3. Put the folding canopy into the mounted holders and unfold it for use.





STEP 2. The canopy is equipped with the case which can be attached to the rear of the backrest by use of Velcro straps (pic. 115, 116).



fig.123



fig.124

6.18. **REF ULE_411** Cup holder

In order to attach the cup holder to the stroller, you should:

STEP 1. Loosen the clamp and put it on the stroller frame (pic. 117).

STEP 2. Tighten the knob (pic. 118).

STEP 3. Set the desired position using the button (pic. 119).



fig.125



fig.126



fig.127



fig.128



6.19. **REF ULE_412** Elastico cushion seat

REF ULE_419 Seat cushion (thighs shape)

REF ULE_421 Seat cushion (pommel shape)

In order to attach the cushion to the seat, you should:

STEP 1. Put the cushion on the stroller and fasten the straps under the seat using Velcro (pic. 121, 122).



fig.129



fig.130

6.20. **REF ULE_432** Tilt angle adjustment of the footrest

In order to mount the conversion kit which allows tilt angle adjustment, you should:

STEP 1. Prepare necessary tools and components:

- Conversion kit
- Allen wrench 3 mm
- Allen wrench 6 mm

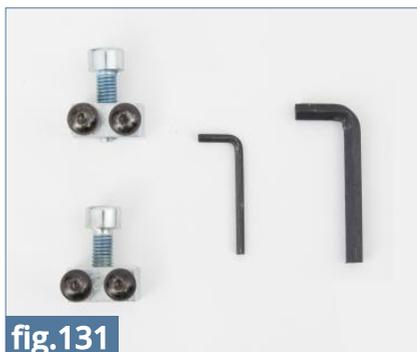


fig.131





STEP 2. Install the conversion kit in the footplate holes (pic. 124, 125).



STEP 3. Set the tilt angle of the footrest while tightening M8 bolt (pic. 126, 127).



- 6.21. **REF ULE_502 DeLux Bag**
- REF ULE_503 Women's bag**
- REF ULE_504 Men's bag**

You can attach the bags to the stroller's backrest or push handle. It also can be worn on the shoulder thanks to its long, adjustable strap.





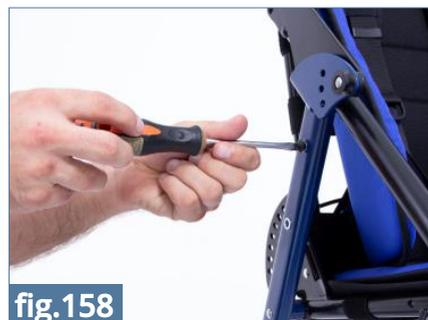
6.22. **REF ULE_505** Under seat basket

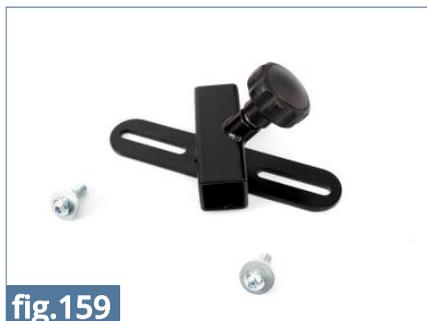
Under seat basket can be mounted to the chassis frame by use of latches (pic. 132-135).



6.23. **REF ULE_444** Armrests

To mount the armrests, install a special handle to the frame of the stroller.







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 stroller

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 stroller 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.





7.3. How to use vest



CAUTION! The vest provides posture support for wheelchair users as well as patients sitting in positioning chairs or other rehabilitation seats. When properly used, the vest allows the patient to adopt the correct sitting position for a longer period of time. The design and shape of the vest make it possible for the patient to be free to move their upper limbs within the constraints of the patient. **If the vest is not used properly, it can pose a serious threat to the health and life of the patient!**

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 patient'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 patient.
- 2) In a situation when the patient slips off the seat, the upper edge of the vest cover's the patient's neck and blocks the trachea, making it difficult to breathe – it is therefore necessary to ALWAYS use the accessories stabilizing the patient'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 patient's neck, blocking the trachea and making it difficult to breathe. This might happen if the patient'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 patient's body using the lateral supports. If there is no possibility to use such accessories with the device and the patient'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 patient 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 patient's body. If, however, we want to stabilize the patient's body properly, we should use a dynamic orthopedic vest, e.g. a Flex-point vest, which does not cause the breathing difficulty for the patient.





Instructions for the proper use of the vest:

- 1) Make sure that the patient is sitting in the best possible position:
 - in the middle of the seat,
 - deeply in the seat in such a way that the patient's lumbar spine rests against the backrest.
- 2) Secure the patient's pelvis with, for example, a pelvic belt, thigh abduction belts or an abduction block.
- 3) Make sure that the side supports of the device, if used, are set in the correct position. It is required that the patients with the poor trunk control use the side supports. The side supports limit the lateral movements of the patient's body, which could lead to the compression of the vest straps on the neck of the patient.
- 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 patient,
 - 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 patient's position:
 - make sure that the vest cannot move by itself towards the patient's neck,
 - make sure that you can insert a straightened hand between the vest and the patient'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 patient in the seat.
- 2) Special attention should be paid to protecting the patient from falling forward, slipping off the seat or lifting the pelvis. The vest **MUST** be used with the accessories which will secure the patient'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 patient has stable support. If the device is not equipped with a foot support, the patient'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 patient 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 patient.
- 6) The mounting of the vest and adjusting it to the patient 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 patient!
- 9) Do not leave the patient 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, patients with impaired memory or mentally ill.
- 11) Make sure that all people taking care of the patient are familiar with the rules of the safe use of the vest.

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 patient's height or weight from the moment the vest was adjusted to the patient,
- 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.





8 SAFETY RULES



CAUTION! ULISESevo™ 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 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 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 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 patient unattended.
5. Stroller should be used only when there is someone who is trained and knowledgeable.
6. It is forbidden to leave stroller 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 stroller.
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 stroller 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 loosing warranty.

CAUTION! The weight of user should not be bigger than maximal weight described on page 12 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.
- 3a) 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
- 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.





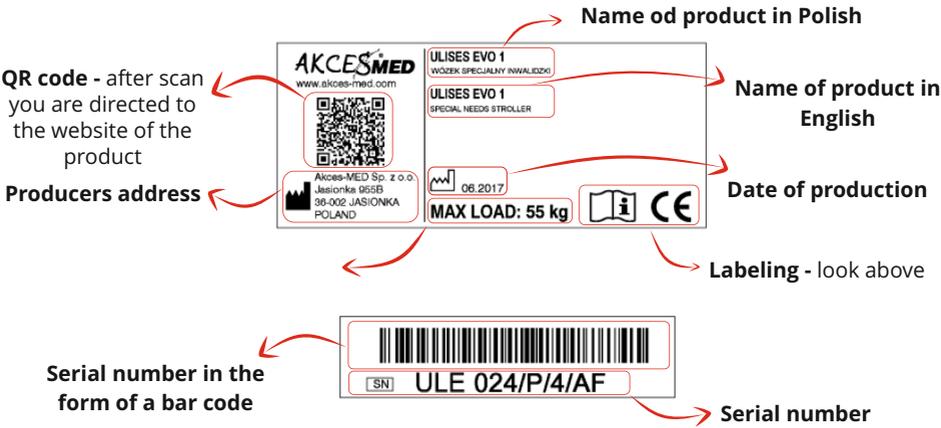
10 LABELLING

10.1. Symbols

- Declaration that the product meets the essential requirements
- Catalog number
- Serial number
- Please read the manual instructions before use
- Attention!
- The product does not contain latex.
- Store in a dry place
- Careful! delicate content
- Protect from sunlight
- Storage temperature limitation
- Relative humidity storage

- Do not chlorinate
- Do not iron
- Do not dry in a drum dryer
- Do not bleach
- Dry vertically
- Prohibition of use without fastened safety belts
- Prohibition to leave the patient without care during use of the product
- 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.
- Manufacturer
- Production date

10.2. Example of identification plate





ORTHOPAEDIC DEVICES MANUFACTURER

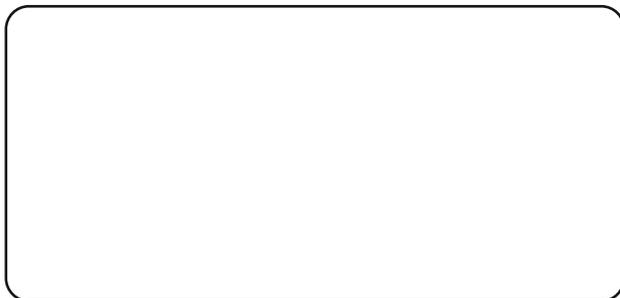


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Authorised Dealer



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Our passion - your independence!