



POSITIONING CHAIR
Z E B R A™
Z E B R A I N V E N T O™



USER MANUAL





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!

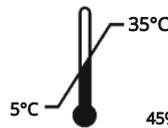
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Akces-Med. Sp. z o.o. Company introduced quality management system ISO 13485 regarding production, sales and service. The system is certified by Det Norske Veritas.





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INTRODUCTION

ZEBRA invento™ positional chair is an enhanced version of ZEBRA™ positional chair from our offer. As far as changes are concerned, ZEBRA invento™ is equipped with a scale situated at the side of frame which can be helpful while adjusting the tilt angle of seat. Furthermore, there is also gas spring that makes it possible to move bent of seat. Gas spring was applied so as to enhance the adjustment of tilt-in-space function and, moreover, to make it easier to change from sitting to lying position. It is really easy – you just need to press lever situated at the back of frame with the aid of your leg and then you can easily adjust seat's tilt angle at your discretion. This innovative solution makes the use of product easier and more comfortable. Scale situated at the side of frame, helpful while adjusting the tilt angle of seat in tilt-in-space function.

Gas spring is applied so as to enhance the adjustment of tilt-in-space function and to make it easier to change the seat angle. Rehabilitation chair ZEBRA invento™ is designed for children and young people who have significant locomotor deficits. Moreover, it is beneficial for youths who did not learn how to sit or have difficulties with adopting the sitting position. It is useful for flaccid children with decreased muscle tone as well as for children with significant spasticity. Furthermore, this chair may be handy concerning orthopaedic disorders and, moreover, it may be used for children who need relieve for lower limbs after surgery. This chair exerts a positive influence on the child and his family. It is made of ecologic and safe materials and it is hand painted.

Moreover, safety vest and pelvic belt are equipped with innovative Hold & Pull™ system which allows for quick and precise stabilization of the child in the device.

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:

Medical consultant: mobile +48 508 382 509

Akces-MED Sp. z o.o.: ph. +48 17 864 04 77

e-mail: export@akces-med.com

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 MANUAL



The instruction manual contains basic information necessary to properly prepare the chair before use, use the chair, maintain and clean the chair.

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

2 INDICATIONS AND CONTRINDICATIONS 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.

Contraindications for sitting

- 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 CHARACTERISTICS OF CHAIR

Positioning chair ZEBRA is available in 2 versions:



ZEBRA



ZEBRA INVENTO

3.1 Standard equipment



- 1. Frame with castors
- 2. Footrest with footers and feet stabilizing belts
- 3. Seat
- 4. Backrest
- 5. Abduction block
- 6. Chest pelottes
- 7. Pelvic belt
- 8. Vest
- 9. Upper limb support
- 10. Tray
- 11. Adjustable headrest
- 12. Gas spring (**only ZEBRA INVENTO**)





3.2. Additional equipment

 <p>Safety</p>  <p>ZBI_002 Belt for moving the patients AM-P</p>	  <p>ZBI_003 Soft cover for tray</p>	  <p>ZBI_015/ZBI_016 TANGO Wheel (75 mm)/(125 mm)</p>
 <p>Positioning</p>  <p>ZBI_101 Thigh abduction belts</p>	  <p>ZBI_102 Head supporting belt</p>	  <p>ZBI_103 3D foot adjustment</p>
  <p>ZBI_106 Lower limbs supporting cushions</p>	  <p>ZBI_109 Independently adjustable side supports</p>	  <p>ZBI_110 Knee support</p>
  <p>ZBI_114 H Harness</p>	  <p>ZBI_123 Longer headrest</p>	  <p>ZBI_125 6 points safety vest</p>
  <p>ZBI_126 Trunk belt</p>	  <p>ZBI_161 Sandals stabilizing feet and ankles</p>	  <p>ZBI_340 Hexagon pro™ bodymap headrest</p>





Comfort



ZBI_401 Tray for manual therapy



ZBI_431 Push handle

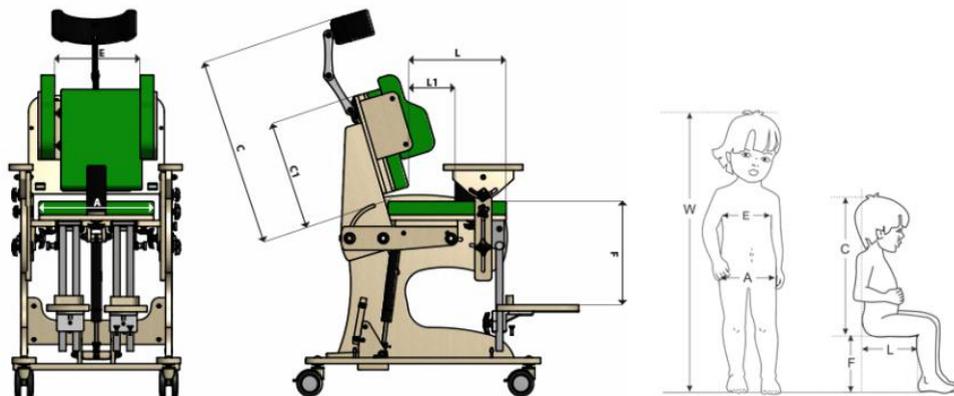


ZBI_448 Self-leveling tray





4 SIZE TABLE



Symbol	Measurement	Unit	Size 1	Size 2	Size 3*
A	Seat width	[cm]	34	37	50
L	Seat depth	[cm]	16 - 25	21 - 34	24 - 42
L ₁	Seat depth to the abduction block	[cm]	4 - 18	7 - 25	7 - 30
C ₁	Backrest height without headrest	[cm]	28	33	43
C	Backrest height including headrest	[cm]	37 - 52	42 - 57	49 - 64
E	Backrest width	[cm]	14 - 23	18 - 27	22 - 38
F	Footrests length	[cm]	18-33	18-40	20-50
	Footer length	[cm]	19	22	25
	Backrest tilt angle	[°]	90 - 180	90 - 180	90 - 180
	Seat tilt angle	[°]	-25 - +20	-25 - +20	-25 - +20
	Footrests tilt angle	[°]	90-180	90-180	90-180
	Max user weight	[kg]	25	45	60
Product dimensions and weight					
	Width	[cm]	50	56	73
	Length	[cm]	82	100	105
	Height	[cm]	76	95	140
	Weight	[kg]	14	20	34

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

*Size 3 and optional equipment are made to custom order





5 DESCRIPTION HOW TO USE CHAIR



CAUTION! Only trained staff can adjust the positioning chair to the patient!



It is necessary to adjust positioning chair to user's measurements before using the product. That's why it is important to measure the patient and adjust the product according to these measurements; all information in this chapter clearly explains how the product should be adjusted.

5.1. Footrest

5.1.1. Please follow these steps so as to adjust the height of footrest:

- loosen fastening knobs (fig.1),
- adjust the height of footer at your discretion,
- tighten knobs.



fig.1

5.1.2. Please follow these steps so as to adjust the tilt angle of footrest:

- loosen fastening knobs situated at the side of each footrest (fig.2),
- adjust the tilt angle at your discretion,
- tighten knobs.



fig.2





5.1.3. How to adjust new generation footrest tilt angle

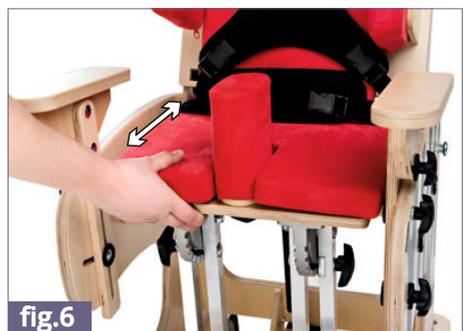
- Pull the lock pin on the footrest and adjust needed tilt angle
- Release the lock pin when the needed footrest position have been set up



5.2 Seat

5.2.1. Please follow these steps so as to adjust the depth of seat:

- loosen 4 fastening knobs situated under the seat (fig.3),
- adjust the depth of seat at your discretion (fig.4),
- tighten knobs.





5.2.2. Tilt-in-space function

ZEBRA

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

- loosen fastening knobs (fig. 5),
- adjust the tilt angle of seat,
- tighten firmly fastening knobs.



fig.7

ZEBRA INVENTO

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

- press pedal situated at the back of chair and at the same time adjust the tilt angle of seat at your discretion (fig. 6),
- block seat, release pedal

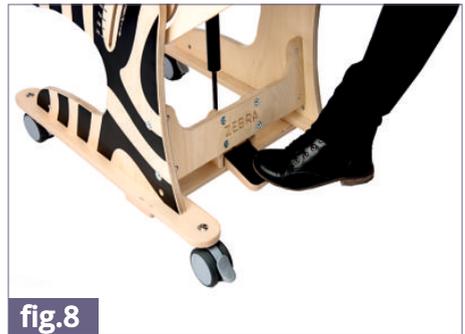


fig.8

5.3 Backrest

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

- loosen fastening knobs (fig.7),
- adjust the tilt angle of backrest at your discretion (fig.8),
- tighten firmly fastening knobs.



fig.9



fig.10





5.4 Trunk pelottes

Please follow these steps so as to adjust trunk pelottes:

- measure the patient,
- loosen 4 fastening knobs (fig.9),
- adjust the width and the height of pelottes (fig.10),
- tighten knobs.



5.5 Vest

Please follow these steps so as to mount vest:

- fasten 4 fastening buckles,
- pull cotters so as to adjust the vest at your discretion.



Before using the vest, read the safety rules included in the user manual. Information about the safe use of the vest can be found on page 27 of the user manual. Improper use of the vest and ignoring the safety rules may endanger the user's health and life.

5.6 Abduction block

Please follow these steps so as to adjust abduction block:

- loosen fastening knob (fig.12),
- move abduction block either forwards or backwards (fig.13),
- tighten knob.





5.7 Pelvic belt

Please follow these steps so as to mount pelvic belt:

- fasten two fastening buckles,
- pull cotters so as to adjust the length of belt at your discretion



CAUTION! If vest and pelvic belt are mounted, it is necessary to make sure that

- buckles do not unfasten under pressure
- buckles do not shift due to incorrect assembly

5.8 Headrest

HexagonPro© Headrest

The headrest may be adjusted with Allen key. You can also change the width of the headrest. After adjustment, there is necessary to screw all of screws and bolts tightly!





fig.18



fig.19



fig.20

5.9 Upper limb support

Please follow these steps so as to adjust the height of upper limb support:

- loosen two fastening knobs that bolt batten with upper limb support (fig. 18,19),
- adjust the height and tilt angle of upper limb support at your discretion (fig. 20),
- tighten fastening knobs.



fig.20

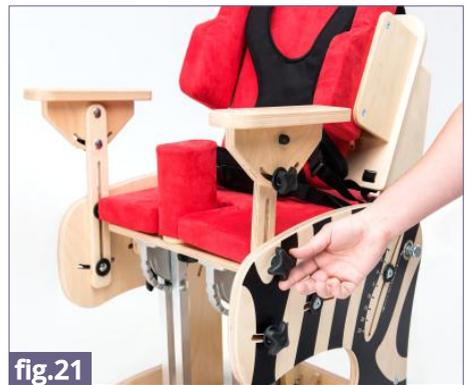


fig.21

Please follow these steps so as to adjust the tilt angle of upper part of upper limb support:

- loosen fastening knob (fig.22),
- adjust the tilt angle at your discretion,
- tighten fastening knobs.



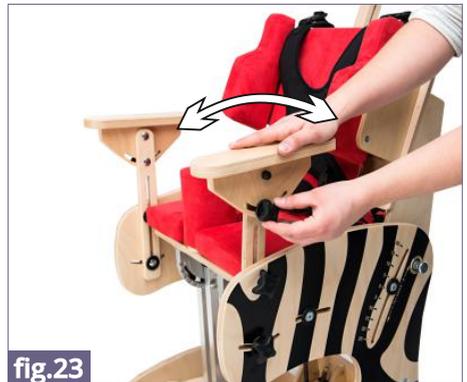
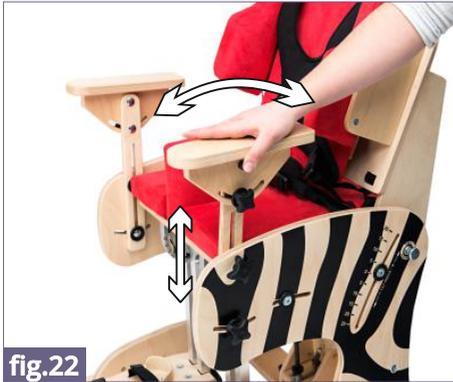


fig.22

fig.23

5.10. Tray

Please follow these steps so as to mount tray:

- loosen fastening knobs situated under tray's top,
- adjust upper limb support at the same height,
- place tray on upper limb support (fig.24),
- tighten fastening knobs (fig.25).



fig.24

fig.25





6 ADDITIONAL EQUIPMENT

6.1 **REF ZBI_103** 3D foot adjustment,

Please follow these steps so as to mount footers with adjustment:

- dismantle standard footers,
- mount footers with adjustment; mount them in a places where standard footers were mounted,
- adjust footers at your discretion,
- tighten fastening knobs.

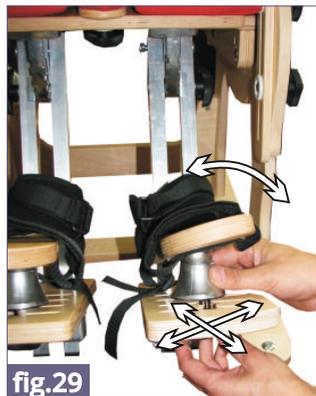


fig.29

6.2 **REF ZBI_106** Lower limbs supporting cushions

Please follow these steps so as to mount cushions for upper limbs support:

- unscrew fastening knobs from each cushion (fig.25),
- put cushions on footrest's profiles,
- adjust the height at your discretion
- tighten fastening knobs (fig26).



fig.30



fig.31





6.3 REF ZBI_110 Knee support

Please follow these steps so as to mount knee support:

- unscrew significantly fastening knob situated at the front of abduction block,
- insert knee support (fig.27),
- tighten fastening knob.

Please follow these steps so as to adjust knee stabilizing pelottes:

- loosen knobs fastenings knee pelottes (fig.28),
- adjust the distance of pelottes at your discretion (fig.29),
- tighten fastening knobs.

It is also possible to adjust abduction block. If you wish to do that, please follow instructions concerning standard abduction block (see point 5.6, page 13).



CAUTION! Shin cannot be squeezed by seat or any other elements of seat!





6.4 **REF** ZBI_101 **Thigh abduction belts**

Thigh abduction belts are mounted by manufacturer.

Please follow these steps so as to adjust them:

- adjust their length at your discretion,
- fasten buckles.



fig.35



CAUTION! If vest and pelvic belt are mounted, it is necessary to make sure that:

- buckles do not unfasten under pressure
- buckles do not shift due to incorrect assembly

6.5 **REF** ZBI_401 **Tray for manual therapy**

Tray for manual therapy is mounted instead of standard tray. If you want to mount it, please follow instructions in point 5.10 (look point 5.10, page 16).

6.6 **REF** ZBI_109 **Independently adjustable side supports**

Independent adjustable side pelottes are mounted by manufacturer. Please follow these steps so as to adjust them:

- measure patient,
- loosen fastening knobs,
- adjust the distance in compliance with patient's measurements,
- move pelottes either upwards or backwards so as to adjust them to the patient,
- tighten knobs if height is adjusted



fig.36



fig.37





6.8 **REF ZBI_105** Head supporting belt

In order to assemble head supporting belt, there is necessary to:

- attach Velcro to the both sides of the headrest (fig. 39)
- adjust the length of the belt according the patient's needs
- fasten the strap in front of the headrest
- check the correctness of the assembly by pulling the strap.



fig.39



fot.40



fot.41



fot.42





7 THE ADJUSTMENT OF CHAIR TO LYING POSITION



It is necessary to place two footrests as well as backrest vertically.

7.1 Knee support in lying position

Knee support in lying position is mounted on upper part of abduction block (fig.37).

Knee support can be adjusted with the aid of knob situated at the front of abduction block (fig.38, 39).



fig.41



fig.42



fig.43

c) Adjust the height of knee support with the aid of knob situated under seat (look point 5.6, page 13).





7.2 Adjustment of chair's tilt angle in lying position

ZEBRA INVENTO

Please follow these steps so as to adjust **ZEBRA INVENTO** chair's tilt angle in lying position:

- release latch in vertical position; latch secures seat from bending forwards and is situated at the side of the product,
- at the same time press pedal that releases spring and bend seat softly
- release latch's mandrel,
- adjust seat's tilt angle in lying position at your discretion
- block seat, release pedal that releases spring



fig.44

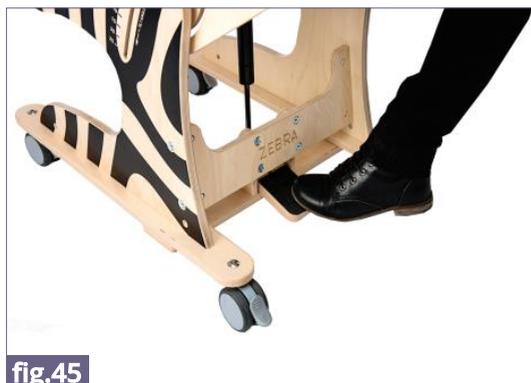


fig.45





ZEBRA

Please follow these steps so as to adjust ZEBRA seat's tilt angle in lying position:

- loosen two knobs situated at the sides of the product,
- use the other hand to adjust tilt angle at your discretion,
- block seat after the adjustment, tighten firmly knobs.



CAUTION! It is highly significant to make sure that seat is correctly blocked. Furthermore make sure that seat doesn't move under pressure!



8 THE USE OF CHAIR



CAUTION! ZEBRA™ chair 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.

8.1. 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!





8.2. How to use chair

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.



CAUTION! Remember to make sure that all belts and locking are correctly adjusted and fastened. Check also if fastenings 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.





8.3. Sitting position

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



Incorrect chair adjustment can lead to such side effects as fainting, body deformities, joint overload, etc. If the abovementioned symptoms occur, stop using the chair immediately, take the user out of the chair 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 positioning chair must always be made by the attending physician.

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





8.3. How to use vest



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 covers 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.





9 SAFETY RULES



CAUTION! ZEBRA chair 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 chair 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 chair for different purposes that it is intended to.
3. It is forbidden to use chair when it is damaged or any part is missing.
4. It is forbidden to leave the patient unattended.
5. Chair should be used only when there is someone who is trained and knowledgeable.
6. It is forbidden to leave chair 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's important to make sure that patient doesn't stand on footer during either getting into or getting out the chair.
9. It is important to engage brake during getting into and getting out the chair.
10. Make sure that all limbs are not close to spokes or other adjustable elements.
11. Please pay your attention when approaching to sources of fire or sources of high temperature during using the device. Moreover, chair shouldn't be stored in rooms with high humidity.
12. Secure chair 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 chair, remove all paper and plastic packaging. The packaging is not a toy! Keep away from children and animals.



Taking the sitting position for the first time by the little patient usually happens in the rehabilitation, neurology, neurosurgery or orthopaedic ward. Upright standing is supervised by the doctor and physiotherapist due to the possibility of occurrence such medical problems like: loss of consciousness, drop of blood pressure etc. It is very important to adjust all parts of the device to the condition of the child, taking into consideration contractures and deformations.

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.



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

The product contains small parts which children may swallow.

This device can be only used inside the buildings.

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.

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

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

10 TERMS OF WARRANTY

- **Akces-MED Sp. z. o. o** 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 chair 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 **36-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 sp. z o. o.** Customer Service Department (ph. 17/864 04 70, e-mail: export@akces-med.com).





11 MAINTENANCE AND CLEANING

Chair 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 chair 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 possible to disinfect upholstery and other metal and plastic parts with the widely available disinfectant.
3. It is forbidden to soak upholstery!
4. It is forbidden to clean upholstery with the aid of hard brushes.
5. 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 agen.

6. It is forbidden to soak upholstery during cleaning. Remember that upholstery has to be always dry before using.
7. It is forbidden to clean, make any changes and maintain chair during using it.
8. 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 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



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.





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.	<p>Check:</p> <ul style="list-style-type: none"> the entire product for any visible damage, cracks or mechanical defects,, if the product 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.	<p>Check:</p> <ul style="list-style-type: none"> 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.	<p>Check all the mechanisms of the product and its moving parts. Check in particular:</p> <ul style="list-style-type: none"> 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.	<p>Check:</p> <ul style="list-style-type: none"> 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.	<p>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.</p>	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.





Frequency	What should be checked? What should be done?	Remarks	
Once a month.	Wheel axles, quick connectors (if applicable).	<p>Check:</p> <ul style="list-style-type: none"> 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. 	<p>Clean the wheels when dirty.</p> <p>In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.</p>
	Product construction connectors (welding, threading, soldering)	<p>Check:</p> <ul style="list-style-type: none"> the condition of the product frame in the places of joining (welds, threads, soldering). 	<p>In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.</p>
	Tires/innertubes (if applicable).	<p>Check:</p> <ul style="list-style-type: none"> tire wear condition. Check for visible damage. Check tire pressure (if applicable). 	<p>If the tire pressure is too low, inflate them to the correct level.</p> <p>In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.</p>
Once every 6 months.	Construction moving parts.	<p>Check:</p> <ul style="list-style-type: none"> if the moving parts of the construction have not been damaged. Maintain them using a proper cleaning agent. 	<p>In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.</p>
	Product labeling.	<p>Check:</p> <ul style="list-style-type: none"> if the marking and labels are readable. 	<p>In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.</p>
After the life time of the product finishes.	Detailed product check.	Check the product.	<p>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.</p>

The list of all spare parts is available for download after selecting a product on www.akces-med.com.



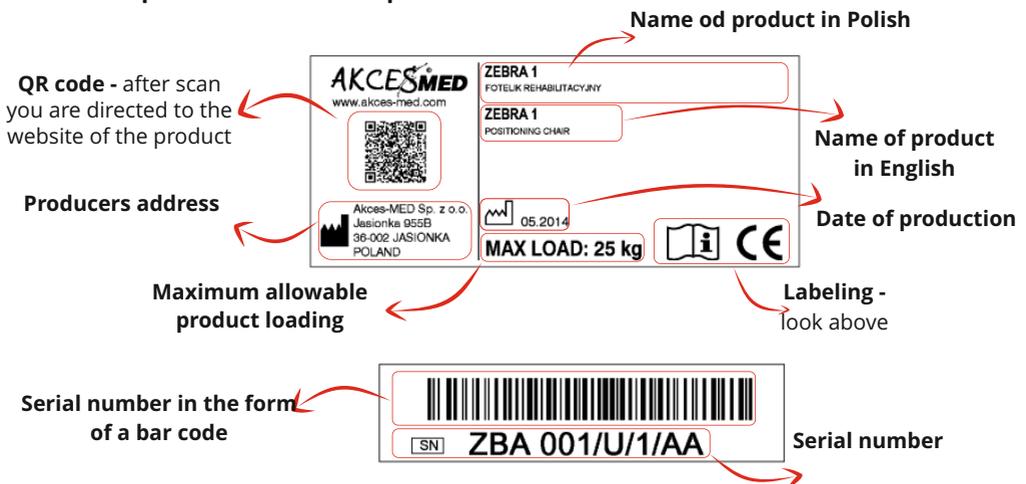


12 LABELLING

12.1. Symbols

	Declaration that the product meets the essential requirements		Protect from sunlight
	Catalog number		Storage temperature limitation
	Serial number		Relative humidity storage
	Please read the manual instructions before use		Dry vertically
	Attention!		Do not chlorinate
	Producer		Do not iron
	Production date		Do not dry in a drum dryer
	The product does not contain		Do not bleach
	Store in a dry place		Careful! delicate content
	Prohibition of use without fastened safety belts		Prohibition to leave the patient without care during use of the product
			Product designed for indoor use

11.2. Example of identification plate

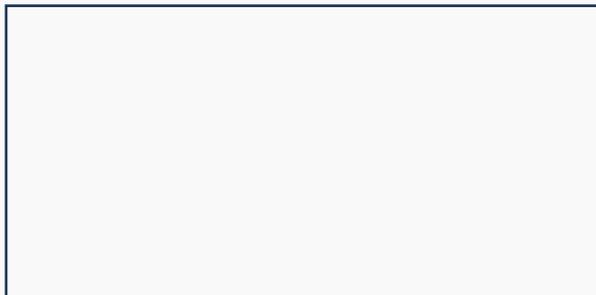


MANUFACTURER



Akces-MED Sp. z o.o.

Jasionka 955B
36-002 Jasionka
tel. (17) 864 04 70
e-mail: export@akces-med.com
BDO: 000031619



Authorised Dealer



akces-med.com

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