



KIDOO™

POSITIONING CHAIR



USER MANUAL

Our passion - your independence!

AKCES[®]MED



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

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.

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 user manual.....5
- 2. Indications for use.....5
- 3. General characteristics of chair6
 - 3.1 Standard equipment.....6
 - 3.2 Additional equipment.....7
- 4. Size table.....8
- 5. Description how to use chair.....9
- 6. Additional equipment.....12
 - 6.1 **KDO_104** HexagonPro© Headrest.....12
 - 6.2 **KDO_134/KDO_137** Narrowing pads 3 cm/5 cm.....13
 - 6.3 **KDO_154/KDO_128** Knee abductor/Abduction block.....13
 - 6.4 **KDO_155** Laterall supports.....14
 - 6.5 **KDO_617/KDO_618/KDO_014** Mobile base/Mobile base with footrest/Sisk.....15
 - 6.6 **KDO_403** Tray.....16
- 7. The use of chair17
 - 7.1 Preparation of the patient.....17
 - 7.2 How to use chair.....18
- 8. Safety rules.....20
- 9. Maintenance and cleaning23
- 10. Labelling.....25





CONTENTS

KIDDO™ is a positioning chair that is perfect for therapy and fun as well as other daily activities such as learning or taking meals. The device can be used at home, school, kindergarten or in a group of peers. **KIDDO™** turns out to be an indispensable tool in the rehabilitation process, both in terms of therapy and social integration.

This positioning chair provides the child with proper support and safety, moreover, it can be easily adjusted to meet your child's needs and dysfunctions. Pelvic belt, headrest, height adjustable seat and armrests further enhance comfort and safety of the user.

It is made of user-friendly materials. Available in 4 sizes.

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

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

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 CHAIR

3.1. Standard equipment:

1. Medical upholstery;
2. Armrests;
3. Pelvic belt;
4. Seat, adjustable depth;
5. Backrest;
6. Frame
7. Tilt-in-space





3.2. Additional equipment



KDO_014 Skis/Rocking chair



KDO_104 HexagonPro© Headrest



KDO_128 Abduction block



KDO_134 Narrowing pads 3 cm



KDO_137 Narrowing pads 5 cm



KDO_154 Knee abductor



KDO_155 Laterall supports



KDO_403 Tray



KDO_434 Table JOY



KDO_616 Footrest



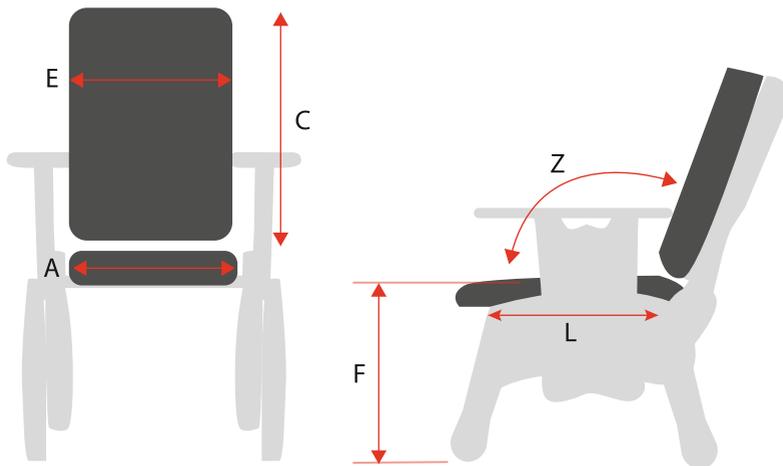
KDO_617 Mobile base



KDO_618 Mobile base with footrest



4 SIZE TABLE



Symbol	Measurement	Unit	Size 1	Size 2	Size 3	Size 4
A	Seat width	[cm]	23	26,5	31	35
L	Seat depth	[cm]	18-23,5	22,5-30	24,5-34,5	31-41
C	Backrest height	[cm]	26	31	35	40
E	Backrest width	[cm]	23	26,5	31	35
F	Wysokość siedziska od podłoża	[cm]	19,5-26	24-30,5	27,5-34,5	32-41
Z	Backrest tilt angle	[°]	96-116	95-116	95-116	95-116
	Maximum user weight	[kg]	20	30	40	55

Weight and dimensions of the device

Width	[cm]	34	37	42	47
Length	[cm]	37,5	41	53	58
Height	[cm]	48	56	63	75
Weight	[kg]	8	10	12	15

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





5 DESCRIPTION HOW TO USE CHAIR

5.1. Seat

Loosen the **A** knobs to adjust the seat depth. Knobs can be found under the seat. Adjust needed depth and fix the knobs tightly.



5.2. Backrest

The backrest tilt angle depends on the dysfunction type and adaptation level of the child into the sitting position. In order to adjust the tilt angle, you should loosen and pull out the knobs **B** placed on the seat frame side, set the desired angle, and then insert the knobs back again and firmly tighten. **Adjustment is possible in steps.**





CAUTION! When the backrest angle is set on in 3 or 4 position it is necessary to use the chair with the skis. Skis also helps to stabilise and prevent tip over and chair movements.

5.3. Armrest

To adjust height and angle the armrest please loosen the C knob, adjust the needed position and fix the knob tightly. . Before applying the tray, armrests should be parallel to the ground.



It is very easy to put the child into the chair when the armrest is in lowest position.

5.4. Height adjustment

To adjust height of the chair please unscrew D screw using allen key and suffle the D1 nut to the needed hole and place the chair's legs into needed position and tighten the D allen screw on the D1 nut. When the front legs of the chair are higher than rear ones we obtain a tilt in space function





5.5. Tilt-In-Space

Tilt is a space function is available thanks to the legs height adjustment. While the seat tilt is more than 7,5° we strongly recommend use the chair with skis.

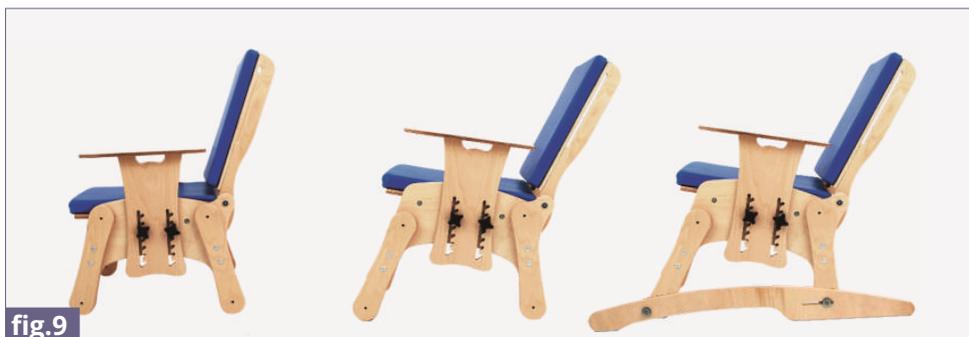


fig.9

CAUTION! When chair adjusted in tilt in space position (and when the backrest angle is set on in 3 or 4 position) it is necessary to use the chair with the skis. Skis also helps to stabilise and prevent tip over and chair movements.



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!





6 ADDITIONAL EQUIPMENT

6.1. REF KDO_104 HexagonPro© Headrest

6.1.1. Assembly of headrest

To assemble the headrest you should place it next to the special holes in backrest and screw with two included bolts with Allen key.



6.1.2. Adjustment of the 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!





6.2. **REF KDO_134** Narrowing pads 3 cm

REF KDO_137 Narrowing pads 5 cm

Narrowing pads are assembled to forearm rests with special Velcro.



fig.14



fig.15

6.3. **REF KDO_154** Knee abductor

REF KDO_128 Abduction block

To assemble the knee abductor (fig. 18) or the abduction block (fig. 19) there is necessary to slide them under the seat (indicted place) to total lock (fig. 16). You can adjust the level of sliding the knee abductor or the abduction block with special latch. To do that, there is only necessary to pull it out and place particular elements in the required position (fig.17).



fig.16



fig.17



fig.18



fig.19





6.4. REF KDO_155 Laterall supports

To assemble the laterall supports you should:

STEP 1. Remove the backrest cushion and place the laterall supports in the required height (fig. 20, 21).



fig.20



fig.21

STEP 2. To assemble the laterall supports there is necessary to put the screw with washer in the front (fig. 22) and secure the screw with fingerwheel (fig. 23).



fig.22



fig.23





6.5. **REF KDO_617** Mobile base

REF KDO_618 Mobile base with footrest

REF KDO_014 Skis/Rocking chair

Bases and anti-tip wheels are assembled to the frame of the chair on each side.

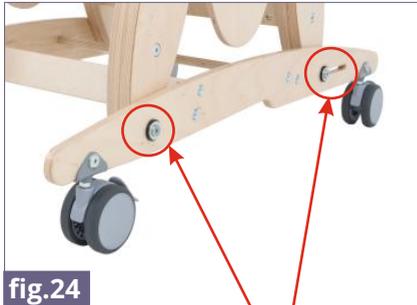


fig.24

Mobile base – place of attachment

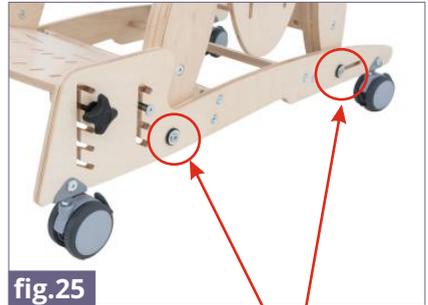


fig.25

Mobile base with footrest – place of attachment

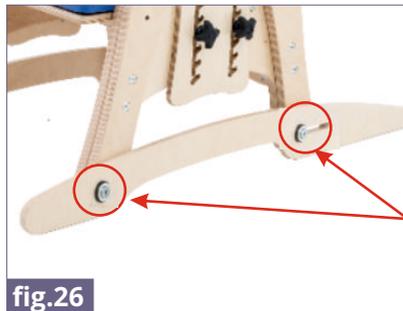
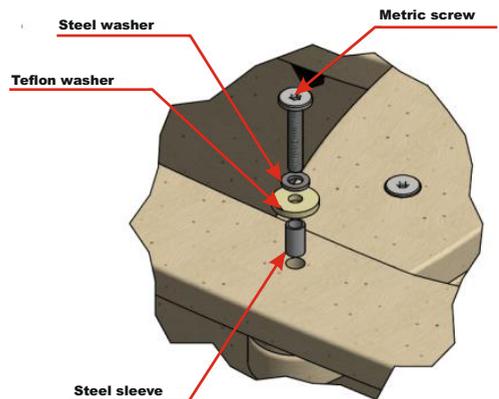


fig.26

Skis – place of attachment

Elements are assembled to the chair with included kit according to the shown diagram. The screw should be tightened with Allen key.





Additionally, **KIDOO™** can be converted into comfortable rocking chair. To do that, there is necessary assemble skis in the other way (fig. 29).

6.6. **REF KDO_403** Tray

Please follow below steps before assembling the tray:

- set up both armrests at the same high level,
- slide the tray in and pull out the lock pin showed on the picture (fig. 30).



You can adjust the tray's position by pulling the pin out and adjust the tray to the needed position.



CAUTION: Maximum tray load is 7 kg!



7 THE USE OF CHAIR



CAUTION! KIDOO™ 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. Do not forget to prepare both product as well as patient before using **KIDOO™** chair

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 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! 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.





CAUTION! Incorrect adjustment of the device can lead to side effects such as: fainting, body deformities, overloading joints. It is highly advisable to adjust the device before every use of a standing frame. This adjustment has to be done only by a trained person or therapist. If any of these side effects appear, it is highly important to stop the upright position process, take out the patient from the device and lie him/her down. If these undesirable side-effects still occur it is necessary to contact doctor. If these side effects disappeared, remember to inform doctor so as to make decision concerning further upright position process.

CAUTION! Only doctor can make decision concerning the use of rehabilitation chair!





8 SAFETY RULES



CAUTION! KIDOO™ 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. 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, 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.



CAUTION! 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.





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 6 where you will find information regarding this issue.

CAUTION! This device can be only used inside the buildings.

- 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 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.
- 5) If product is damaged, please contact our dealer or AKCES-MED customer service (ph. 17/864 04 70)





9 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 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 stroller 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 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.





ORTHOPAEDIC DEVICES MANUFACTURER

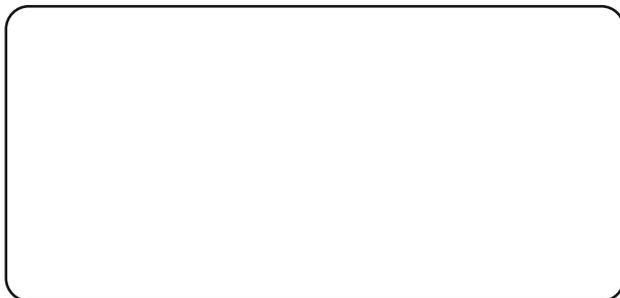


Akces-MED Sp. z o.o.
Jasionka 955B
36-002 Jasionka
tel. (17) 864 04 77

www.akces-med.com

e-mail: export@akces-med.com

Authorised Dealer



Date of issue: **23.06.2016**

The last update: **13.06.2017**

Our passion - your independence!