



OMBRELO™

SPECIAL NEEDS STROLLER



CE



USER MANUAL

Our passion - your independence!

AKCESMED[®]



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 use manual.....6
- 2. Indications for use.....6
- 3. General characteristics of stroller.....7
 - 3.1. Standard equipment.....7
 - 3.2. Additional equipment.....9
- 4. Size table.....13
- 5. Detailed description how to assemble stroller.....14
- 6. Detailed description how to use stroller.....14
 - 6.1. How to fold stroller.....14
 - 6.2. Unfolding.....16
 - 6.3. Wheels, brake.....17
 - 6.4. Footplate.....18
 - 6.5. Head support.....22
 - 6.6. Headrest.....23
 - 6.7. Seat.....23
 - 6.8. 5 points belts.....24
 - 6.9. Upholstery.....27
- 7. Additional equipment.....28
 - 7.1. **OMO_402** Sun umbrella.....28
 - 7.2. **OMO_505** Basket under seat.....29
 - 7.3. **OMO_502, OMO_505, OMO_504** Bags.....29
 - 7.5. **OMO_128** Abduction block.....30
 - 7.6. **OMO_405** Folding canopy.....32
 - 7.7. **OMO_420** Folding canopy with side covers.....32
 - 7.8. **OMO_411** Cup holder.....33
 - 7.9. **OMO_408** Rain cover.....34
 - 7.10. **OMO_113** Trunk stabilizing belt.....35





7.11	OMO_121 Head-neck support	36
7.12	OMO_115 Calf belt.....	37
7.13	OMO_508 Saddle bags	37
7.14	OMO_403 Tray.....	38
7.15	OMO_412 Elastico seat cushion.....	39
7.16	OMO_413 Elastico backrest cushion.....	39
7.17	OMO_124 Loins support.....	41
7.18	OMO_507 Oxygen tank holder	42
7.19	OMO_114 / OMO_130 H Harness / 4-points safety vest.....	43
7.20	OMO_125 6 points safety vest.....	44
7.21	OMO_417 Winter footmuff.....	45
7.22	OMO_416 Summer footmuff.....	48
7.23	OMO_135 Side seat supports.....	51
7.24	OMO_421 / OMO_419 Seat cushion (thighs shape) / (pommel shape).....	52
7.25	OMO_129 Abduction-adduction thigh belts	52
7.26	OMO_433 Lifting bar.....	56
7.27	OMO_126 Trunk belt.....	58
8.	The use of stroller.....	59
8.1.	Preparation of the patient.....	59
8.2.	How to use stroller.....	60
9.	Safety rules.....	61
10.	Maintenance and cleaning.....	64
11.	Labelling.....	66





INTRODUCTION

OMBRELO™ rehabilitation stroller is designed for daily rehabilitation for people who have locomotor deficits. Its solid design perfectly stabilizes as well as secures while using the product. A vast array of adjustments makes it possible to adjust equipment to the patient, and, moreover it has a beneficial impact on patient's comfort. Furthermore, transportation of stroller is possible thanks to folded design.

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 **OMBRELO™** 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. Frame which can be folded in umbrella shape
2. Front PU swivel wheels made of fiberglass material
3. Rear wheels made of fiberglass material; wheels are equipped with inflatable TT tyres.
4. FlipFlap™ footplates with the adjustment of height and 2 way foot stabilizing belts
5. 5 points belts
6. Adjustable headrest
7. Backrest with adjustment of height
8. Seat with adjustment of depth
9. Stroller handle
10. Head support
11. Brake
12. Upholstery Flex (size 5) / upholstery Comfort (size 1-4)

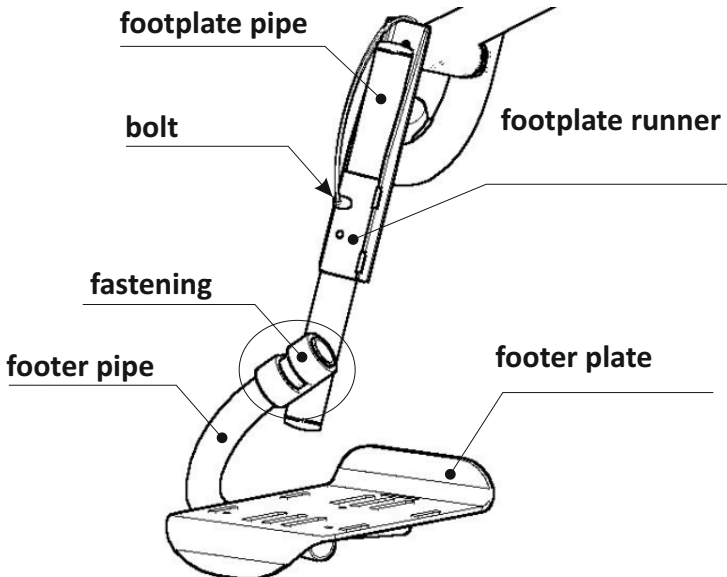




UPPER STRUT

LOWER STRUT

FOOTPLATE



footplate pipe

bolt

footplate runner

fastening

footer pipe

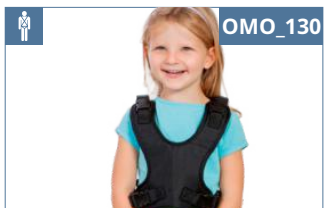
footer plate





3.2. Additional equipment

 <p>OMO_001</p>	 <p>OMO_002</p>	 <p>OMO_003</p>
<p>LED Lights</p>	<p>Aid for moving patients AM-P</p>	<p>Soft cover for tray</p>
 <p>OMO_012</p>	 <p>OMO_101</p>	 <p>OMO_107</p>
<p>Qstraint Lap Belt</p>	<p>Thigh abduction belts</p>	<p>Pelvic belt</p>
 <p>OMO_113</p>	 <p>OMO_114</p>	 <p>OMO_115</p>
<p>OMO_113 Trunk stabilizing belt</p>	<p>OMO_114 H Harness</p>	<p>OMO_115 Calf belt</p>
 <p>OMO_121</p>	 <p>OMO_124</p>	 <p>OMO_125</p>
<p>Head-neck support</p>	<p>Loins support</p>	<p>6 points safety vest</p>
 <p>OMO_126</p>	 <p>OMO_128</p>	 <p>OMO_129</p>
<p>Trunk belt</p>	<p>Abduction block</p>	<p>Abduction-adduction thigh belts</p>



OMO_130

4 points safety vest



OMO_132

Elastico headrest



OMO_133

Firm headrest made of foam



OMO_135

OMO_135 Side seat supports



OMO_136

OMO_136 Thighs belt



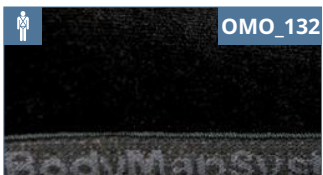
OMO_133

BodyMap cushion



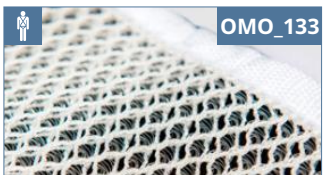
OMO_130

OMO_102, OMO_114, OMO_118
Cover VisMemo



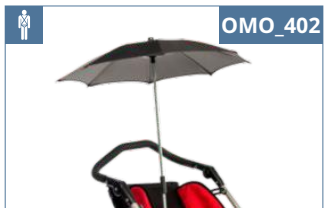
OMO_132

OMO_101, OMO_113, OMO_117
Cover Frotte



OMO_133

OMO_103, OMO_115
Aerating-massaging pad



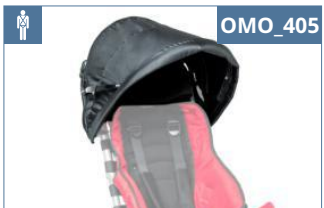
OMO_402

Sun umbrella



OMO_403

Tray



OMO_405

Folding canopy



OMO_408

Rain cover



OMO_409

Mosquito net



OMO_410

Headrest cotton cover





OMO_411

Cup holder



OMO_412

Elastico cushion seat



OMO_413

Elastico cushion backrest



OMO_414

Tray Plexiglas



OMO_415

Wheels cover (4 pcs)



OMO_416

Summer footmuff



OMO_417

Winter footmuff



OMO_418

Hood for winter footmuff



OMO_419

Seat cushion (pommel shape)



OMO_420

OMO_420 Folding canopy with side covers



OMO_421

OMO_421 Seat cushion (thighs shape)



OMO_433

Lifting bar



OMO_503

Lady's Bag



OMO_504

Men's bag



OMO_502

DeLux bag



ULE_505

Under seat storage basket



ULE_506

Travel bag standard



ULE_507

Oxygen tank holder



ULE_508

Saddle bags



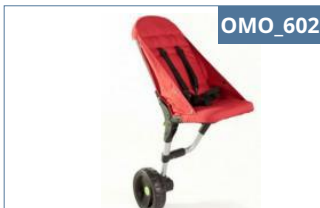
OMO_601

Kid-sit Buggypod IO



OMO_622

Kid-sit Buggypod PERLE



OMO_602

Kid-sit Buggypod Lite



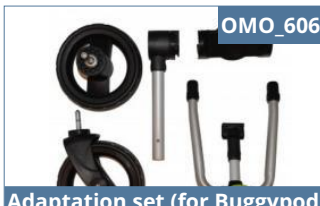
OMO_604

Mounting set 70



OMO_605

Rain cover for Buggypod



OMO_606

Adaptation set (for Buggypod IO)



OMO_701

Rear inflatable wheel



OMO_702

Rear inflatable tire



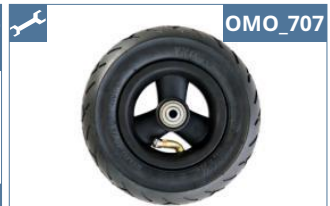
OMO_703

Rear innertube



OMO_704
OMO_711

Rear PU wheel
Front PU wheel

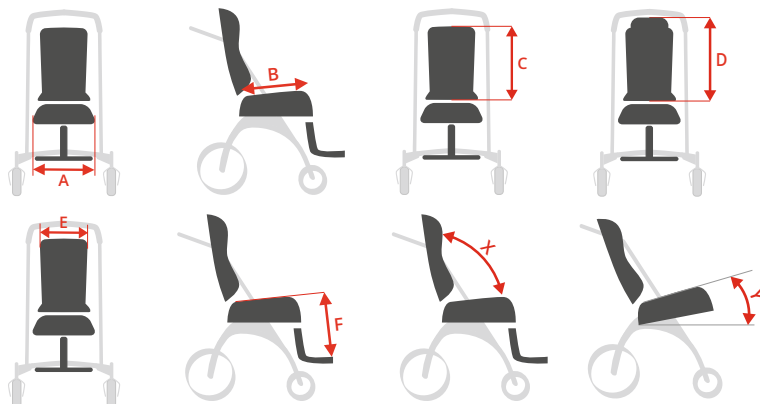


OMO_707

Front inflatable wheel



4 SIZE TABLE



Symbol	Pomiar	Unit	Size 1	Size 2	Size 3	Size 4	Size 5
A	Seat width	[cm]	23	29	34	39	43
B	Seat depth	[cm]	21-26	28-36	29-40	31-40	34-41
C	Backrest height	[cm]	51	58	55	63	60
D	Backrest height (with headrest)	[cm]	43-64	46-72	46-72	53-76	54-80
E	Backrest width	[cm]	23	29	34	39	43
F	Footrests length	[cm]	16-64	16-64	16-64	16-64	16-64
	Footplate length	[cm]	18	20	21	23	23
	Push handle height	[cm]	101-106	101-106	103-108	100-105	100-105
	Seat tilt angle	[°]	31	25	26	26	28
	Backrest tilt angle	[°]	90	93	91	90	90
	Maximum user weight	[kg]	35	45	55	75	120
Weight and dimensions of the device			Size 1	Size 2	Size 3	Size 4	Size 5
	Width	[cm]	52	57	63	67	72
	Length	[cm]	125	125	130	137	137
	Height	[cm]	100	101	104	101	108
	Weight	[kg]	17	18	18,5	20	20,5

UWAGA: Tolerancja wymiarów zawartych w tabeli wynosi +/- 1 cm.





5 DESCRIPTION HOW TO ASSEMBLE STROLLER

Remember that stroller needs to be assembled. Manufacturer cannot assemble this stroller due to transportation issues.

In order to use the stroller please follow these steps:

STEP 1. Assemble head support (10) (look point 6.5, page 22);

STEP 2. Assemble footplates (4) (look point 6.4, page 18).

6 DESCRIPTION HOW TO USE STROLLER

6.1. How to fold stroller

In order to fold stroller it is necessary to :

STEP 1. Remove head support (10) (look point 6.5, page 22);

STEP 2. Fold footplates (4) by pulling them as long as possible (fig.1);



fig.2

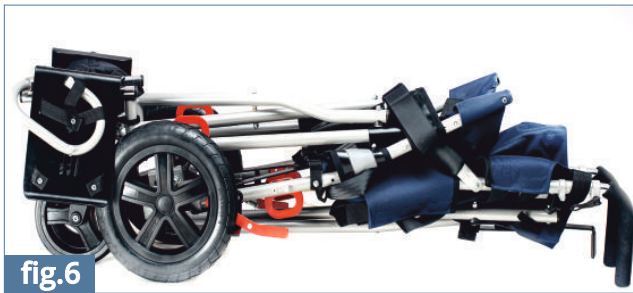


fig.1

STEP 3. Move upper strut upwards; strut is situated at wheels. Upper strut (regarding size 2 and 5) which is situated behind backrest should be moved anticlockwise (fig.2).

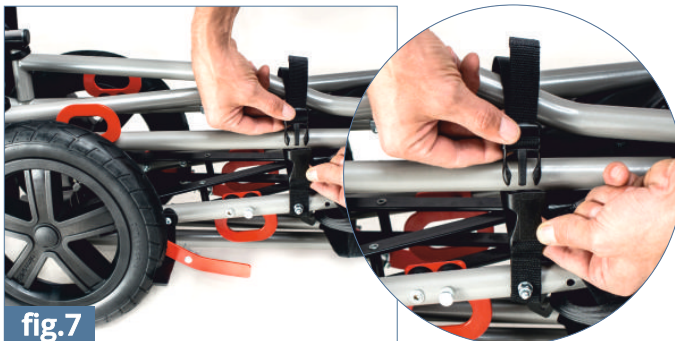


STEP 4. Hold stroller handle with one hand (9) and then hold seat frame at the same time. Pull them until stroller is completely folded (fig. 3,4,5).



Check our website www.akces-med.com where you can find animation which shows how OMBRELO stroller should be folded.

It is necessary to fasten the stroller with the aid of belts while transporting. Belts are really important because they prevent stroller from automatic unfolding. (fig.7)





CAUTION! Please be careful while both folding and unfolding the stroller. Use caution so as not to press fingers between stroller frame.

6.2. Unfolding

In order to unfold stroller it is necessary to follow these steps:

STEP 1. Unfasten clamp which prevents from automatic unfolding (fig.8);

STEP 2. Put wheels on even ground and then push firmly seat frame and backrest frame until stroller is completely infolded (fig.9);

STEP 3. Press lower strut down; strut is situated at wheels. Upper strut (regarding size 2 and 5) which is situated behind backrest should be moved clockwise (fig.10);

STEP 4. Unfold footplates (4) by pulling them towards stroller as long as possible (fig.11).





fig.10



fig.11



CAUTION! Remember to make sure that all struts which prevent from automatic folding are situated in correct places!

6.3. Wheels, Brake

Stroller is equipped with blockage for each rear wheel

6.3.1. In order to activate brake it is necessary to pull red lever which is situated at the back of wheel (fig.12) Activity should be repeated for the second wheel.



fig.12



6.3.2. Wheels are unlocked by pulling red levers forwards (fig.13).

6.3.3. It is possible to increase the pressure of brake lever on wheel. For this activity it is necessary to regulate nut with the aid of spanner (fig.14).



fig.13

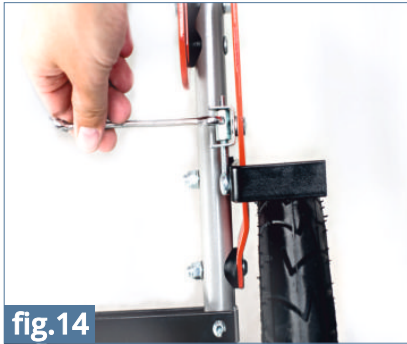


fig.14



CAUTION! The recommended air pressure is 1,5 Bar. You should always adhere to the recommended air pressure. Too low or too big air pressure in the tires may damage the stroller or cause an accident.

6.4. Footplate (4)

6.4.1 In order to assembly footplate it is necessary to insert footplate pipe into runner and then secure it with the aid of bolt at chosen height (fig.15,16)



fig.15



fig.16



6.4.2 In order to fold footplates it is necessary to follow the rules in point 6.1, step 2.

6.4.3 In order to unfold footplate it is necessary to follow the rules in point 6.2, step 4.

6.4.4. Adjustment of footplate length.

There are three different ways which can be used while adjusting the length of footplate. Everything depends on user's needs.

1st CONFIGURATION

In order to regulate the length of footplate it is necessary to remove bolt, adjust the length at your discretion and insert bolt into proper hole in footplate bolt (fig.17).



2nd CONFIGURATION

When the adjustment of footplate is not enough, it is necessary to :

STEP 1. Press button situated on footplate pipe and them remove footer from fastening (fig.18)





STEP 2. Remove footplate pipe, fix it on footer runner the other way around (in a way that fastening is situated on the top) and secure it with the aid of bolt at chosen height (fig.19).

STEP 3. Mount footers by pressing the button situated at footer pipe. Next, place footer in fastening on footplate pipe.



fig.19



fig.20

3rd CONFIGURATION

It is also possible to raise footplate completely when adjustment in points 1 and 2 is not sufficient. So as to do that it is necessary to undo screws fastening footplate runner (footplate pipe is situated in that runner (fig.21)). Next, mount it again in opposite position which is shown on picture (fig.22). Follow the rules described in point **6.4.4, 2nd CONFIGURATION, STEP 1-3, page 19.**



fig.21



fig.22



6.4.5. It is possible to adjust footer plate. So as to make adjustments it is necessary to unscrew screws situated under footer. Next, change the position of footer plate and tighten screws (fig.23).



fig.23

6.4.6. Footplate is equipped with belts which stabilize feet. Stabilizing belts are fastened criss-crossed (fig.24, fig.25) or around ankle (fig.26)



fig.24



fig.25



fig.26



6.5. Head support (10)

6.5.1. In order to mount head support it is necessary to insert its frames into backrest pipes. Backrest pipes are situated at the back of backrest (fig.27).



fig.27

6.5.2. The height of head support is regulated with the aid of rubber washers situated on frame (fig. 28,29).



fig.28



fig.29

6.5.3. The height of headrest can be regulated with the aid of belts with Velcro tapes which are fastened at the back of head support (fig.30).



fig.30





6.6. Headrest (6)

Headrest can be mounted either on backrest or head support.

6.6.1. In order to mount headrest on backrest it is necessary to remove head support, unlace binding from the back and remove headrest (fig.31). Headrest can be mounted on backrest at any height with the aid of belts with Velcro tapes which are fastened at the back of backrest.



fig.31



fig.32



fig.33

6.7. Seat (8)

6.7.1. It is possible to regulate the depth of seat. Follow these steps:

STEP 1. Release stroller struts (**look point 6.1, STEP 3, page 14**) and slightly fold stroller frames (**look point 6.1, STEP 4, page 15**) which makes the adjustment of seat depth easier.

STEP 2. Press simultaneously buttons situated on both sides of seat frame (fig. 34);





fig.34



STEP 3. Take out seat frame and insert it into proper holes (fig. 35);

It is really important to make sure that seat frame is inserted evenly in stroller frame



fig.35

STEP 4. Unfold stroller and press lower strut down. Next, move upper strut until stroller is unfolded (**look point 6.2, step 2, 3, page 16**).

6.8. 5 points belts (5)

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

6.8.1. Follow these steps in order to fasten 5 points belts:

STEP 1. Insert both ends of the belts into holes in the backrest upholstery and then secure them with the knob located on the other side (fig.36).



fig.36



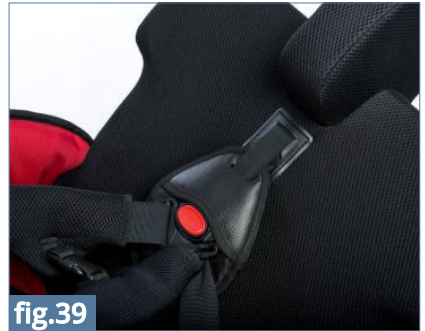


STEP 2. To secure the belts at the lower part of the backrest, insert the belts through the triangular holder located on the stroller's frame (fig.37) and then insert the ends of the belts into the regulator (fig.38).



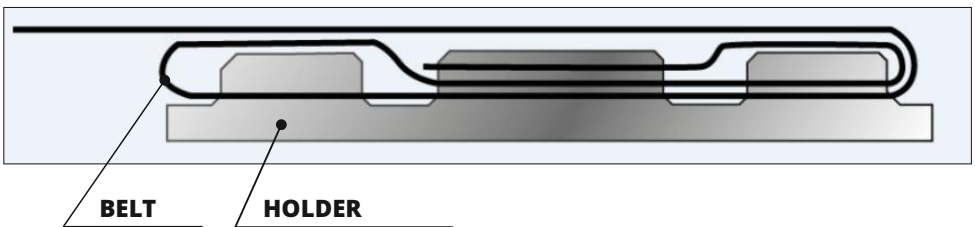
STEP 3. In order to attach the 5-point belts to the seat, interlace the belt through the plastic holder located at the cushion.

Properly attached belts were shown in the picture (fig.39).



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

ASSEMBLY DIAGRAM OF THE BELTS





6.8.2. Follow these steps in order to fasten 5 points belts:

STEP 1. Connect belt fasteners (fig.40);

STEP 2. Insert belts' fastenings into clamp that is mounted by the seat (fig.41)



fig.40



fig.41

Fot. 27

6.8.3. It is possible to adjust the height of belts fastenings from backrest. Unscrew knobs situated at the back of backrest, adjust belts at your discretion and tighten knobs (fig.42).



fig.42





6.8.4. It is possible to dismantle 5 points belts. It is necessary to unscrew knobs from the back of backrest and remove belts from clamps and from grip which is placed on seat upholstery.



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

6.9. Upholstery

6.9.1. It is possible to regulate the depth of backrest as well as seat upholstery with the aid of Velcro tapes which are situated at the back of backrest upholstery (fig.43, fig.44) This adjustment is beneficial due to the fact that the shape of upholstery adjusts to patient's body. In other words, we prepare the best position for patients.



fig.43



fig.44



7 ADDITIONAL EQUIPMENT

7.1 **REF OMO_402** Sun umbrella

So as to mount sunshade it is necessary to loosen clip and place it on handle's frame. Next, adjust proper position and tighten knob (fig.46). The adjustment of sunshade can be regulated with the aid of button which is situated next to clip (fig.47).



fig.45



fig.46



fig.47





7.2 **REF OMO_505** Basket under seat

Basket is mounted on frame under seat with the aid of belts with buttons (fig.49). It is recommended to mount basket above TransFix™ grips .



fig.48



fig.49

- 7.3. **REF OMO_503** Lady's bag
- REF OMO_504** Men's bag
- REF OMO_502** Bag DeLux

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



fig.50



fig.51



fig.52



fig.53



7.5 **REF OMO_128** Abduction block

Follow these steps in order to mount abduction block:

STEP 1. Dismantle 5 points belts from standard equipment (**look point 6.8.4, page 27**) ;

STEP 2. Insert abduction block's batten into handle which is situated on seat upholstery (fig.55).

STEP 3. Batten should be mounted to seat with the aid of screw; screw should be tightened by means of Allen wrench (fig.56).



fig.55



fig.56



fig.57





7.6 **REF OMO_405** Folding canopy

Follow these steps so as to mount canopy without side supporting panels:

STEP 1. Holes from canopy's upholstery should overlay with handle (fig.58)

STEP 2. Place canopy catches on stroller's frame (fig.59,60)



STEP 3. Unfold canopy and block stretchers which are situated on both sides of canopy (fig.61).

STEP 4. Canopy is equipped with window which can be opened so as to observe child. So as to do that, undo zip situated on canopy and put fabric on canopy (fig.62,63).





fig.62



fig.63

7.7 [REF] OMO_420 Folding canopy with side covers

Canopy with side supporting panels is mounted in the same way as canopy without side supporting panels. Concerning canopy with supporting panels, it is necessary to mount these panels by means of clips. Clips should be placed on stroller's frame at the back wheel (fig. 64,65).



fig.64



fig.65

Undo zip if you wish to take out side supporting panels (fig. 66).



fig.66



There is a possibility to roll exterior panels so as to have airy netting on sides.

STEP 1. Unfasten catch situated at the bottom of netting so as to do that (fig.67).

STEP 2. Next, roll exterior panel (fig. 68).

STEP 3. Mount it at canopy (fig. 69).



fig.67

Canopy is equipped with pocket which is fastened with the aid of Velcro tapes (fig.70).



fig.68



fig.69



fig.70

7.8 REF OMO_411 Cup holder

So as to mount cup holder it is necessary to :

STEP 1. Loosen clip and place it on handle's frame (fig.71);

STEP 2. Tighten knob (fig.72);

STEP 3. Adjust proper position with the aid of button (fig.73).



fig.71



fig.72



7.9 [REF] OMO_408 Rain cover

Rain cover can be put on stroller only if canopy is mounted (it concerns canopy either with or without side supporting panels). Follow these steps so as to mount rain cover:

STEP 1. Holes in cover should overlay with handle (fig.75). Stretch cover so that it covers canopy and stroller.



STEP 2. Mount cover on stroller's frame at TransFix™ handle (fig.77) and at footrest by means of Velcro tapes (fig.78).





7.10. **REF OMO_113** Trunk stabilizing belt

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

STEP 1. Insert straps into holes in backrest upholstery (fig. 79,80). It is possible to adjust the height of trunk belt by inserting straps into proper holes in upholstery. Fasten belts with the aid of Velcro tapes at the back of the backrest.



STEP 2. Thread side belts through stroller frame (fig. 81) and then insert them into regulator (fig.82). Belt should be adjusted according to the width of patient's trunk. Activity should be repeated for the second side of stroller.





fig.83



STEP 3. Trunk belt is closed only when strap is inserted into handle and fastened with the aid of Velcro tapes (fig.84).



fig.84



fig.85

7.11. [REF] OMO_121 Head-neck support

Headrest is ideal for patients with falling head.

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



fig.86



7.12. **REF OMO_115** Calf belt

Calf belt is mounted on footrest above footers (fig.87). Fasten belts with Velcro tapes so as to mount calf belt. Remember to fasten them in a way that they also cover footrest's runner (fig.88, fig.89). Moreover, it is possible to mount calf belt when footer is adjusted in 1st configuration (**look point 6.4.4, 1st configuration, page 19**).



fig.87



fig.88



fig.89

7.13. **REF OMO_508** Saddle bags

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



fig.90



fig.91



fig.92



7.14. **REF OMO_403** Tray

Please follow these steps so as to mount tray:

STEP 1. Place catches on elements that are situated on stroller's backrest (fig.93,94)



fig.93



fig.94

STEP 2. Raise backrest's upholstery and at the same time put tray's handles on backrest and press (fig. 95,96).



fig.95



fig.96

STEP 3. It is possible to adjust the depth of tray : loosen knob, adjust depth at your discretion and tighten knob firmly (fig. 97,98).



fig.97



fig.98





7.15 **REF OMO_412** Elastico seat cushion

Please follow these steps so as to mount Elastico seat cushion:

STEP 1. Place cushion on stroller's seat

STEP 2. Thread belts that fasten cushion through seat's frame (fig.99,100) and fasten Velcro tapes that are situated under stroller's seat (fig.101).



fig.99



fig.100



fig.101

7.16 **REF OMO_413** Elastico backrest cushion

Elastico backrest cushion consists of 4 different size cushions. This allows its installation in various configurations depending on what height adjustment of the 5 point belts you want to have.

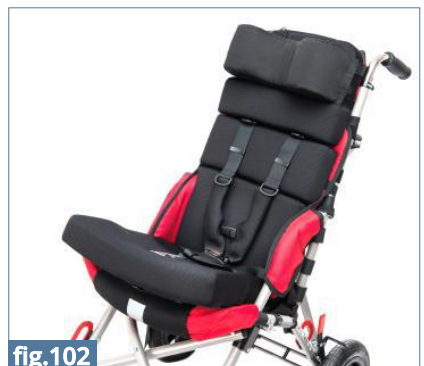
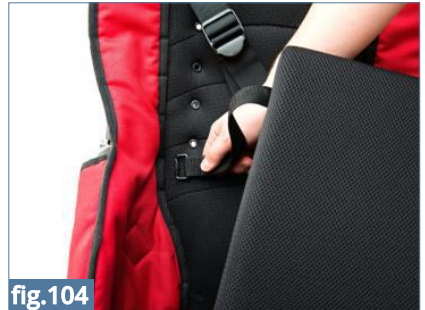


fig.102



STEP 1. Put each of the three rectangular shaped cushion onto the backrest and then insert their straps into holes in the upholstery (fig. 103, 104).



STEP 2. Afterwards, fasten the straps behind the stroller's backrest by use of Velcro. **Attention! Fastening tapes have to cover backrest's frame!**



STEP 3. The last, fourth cushion has a special shape that allows to install the headrest. The cushion should be placed on the headrest which has special holes.





Afterwards, insert the headrest's laces into holes and tie them behind it (fig.109).



fig.109

7.17 **REF** OMO_124 **Loins support**

Please follow these steps so as to mount loins support:

STEP 1. Place pelotte on stroller's backrest and thread belts that fasten loins support through holes in backrest's upholstery (fig. 110, 111)



fig.110



fig.111

STEP 2. Fasten fastening belts with the aid of Velcro tapes that are placed behind the backrest. Activity should be repeated if the product is equipped with another pair of belts that fasten pelotte. **CAUTION! Fastening tapes have to cover backrest's frame!**



fig.112



fig.113



7.18 REF OMO_507 Oxygen tank holder

In order to mount oxygen tank holder it is necessary to:

STEP 1. Take out two belts from buckles that are situated at cover.

STEP 2. Take out adjuster no.2 and buckle from belt. It is important to leave adjuster no.1 on the belt (fig.114,115).



fig.115



fig.114

STEP 3. Thread one of the belts through stroller's handle (fig.118) and then thread the end of belt through adjuster no. 1 (fig.119). Thread belt through adjuster no.2 (fig. 120).



fig.116



fig.117



fig.118

STEP 5. Put buckle on belt and thread belt through buckle as it is presented in the picture below (fig. 119, 120). The end of belt should be inserted into adjuster no. 2. Second belt should be fastened on stroller's side frame as it is described in stages 2-5 (fig.121).



fig.120

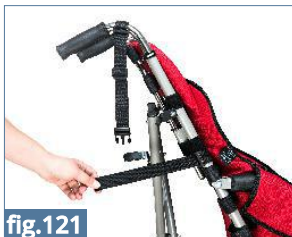


fig.121



fig.121





STEP 7. It is possible to fasten cover with oxygen tank holder (fig.122, 123). The length of belts can be adjusted if necessary.



fig.122



fig.123

7.19. **REF OMO_114** H Harness; **REF OMO_130** 4 points safety vest

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

Vests are attached to the stroller in the same way as 5 point belt (look point 6.8, page 24).

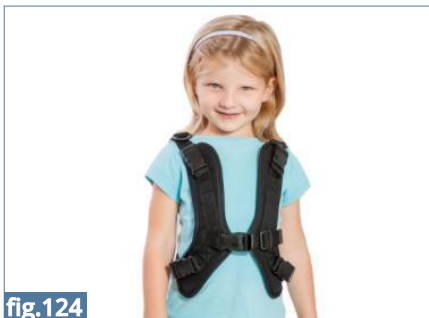


fig.124

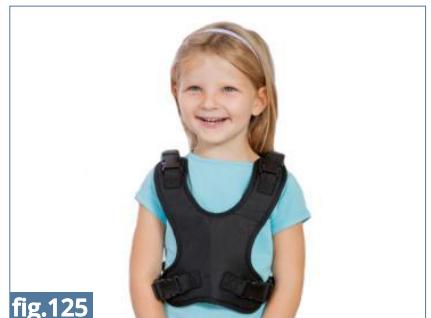


fig.125



7.20. **REF OMO_125** 6 points safety vest

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

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

STEP 1. Put vest on the patient and then zip up both zipper and clamp situated at the front of the vest (fig.126-129);

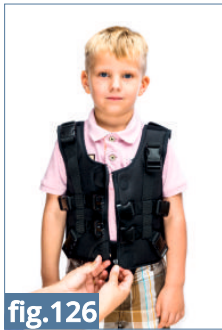


fig.126



fig.127

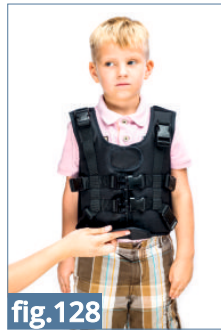


fig.128



fig.129

STEP 2. Adjust vest with the aid of Velcro tapes situated at the back of the vest (fig.130, 131);



fig.130



fig.131

STEP 3. Mount vest on the stroller in the same way as standard 5 points belts(look point 6.8, page 24)Fasten vest to stroller with the aid of circumferential belt. This belt should be pulled behind stroller's backrest and fastened at the front of the vest (fig.132).



fig.132





7.21. **REF OMO_417** Winter footmuff

Please follow these steps so as to mount winter footmuff on stroller:

STEP 1. Prepare stroller - take out footrests (do it in opposite way that they were mounted (**look point 6.4.1, page 18**).

STEP 2. Unfasten zip from winter footmuff and unfold it on both seat and stroller's backrest.

STEP 3. There are two holes in winter footmuff and they are situated at the bottom part. It is necessary to insert footrests' runner (fig.133) into these holes. Next, mount footrests (fig.134) and secure them with the aid of bolt at any height (fig.135) (**look point 6.4.1, page 18**).



fig.133



fig.135



fig.134

STEP 4. Additionally, it is important to mount winter footmuff to footrest with the aid of belt that is fastened with clasp fastener (fig.136)



fig.136



STEP 5. Winter footmuff is equipped with special hole designed for 5 points belts and abduction block. Firstly, unfasten 5 points belts and take out completely two bottom belts (they are a part of 5 points belts). Take them out from triangular fastening that is placed by stroller's frame (fig.137).



fig.137

STEP 6. Place winter footmuff on stroller's backrest and thread 5 points belts through hole which is created in the centre of seat (fig.138) Two bottom belts that are a part of 5 points belts should be threaded through holes situated at the side of winter footmuff (fig.139).



fig.138



fig.139

STEP 7. Both belts should be mounted to stroller. Thread belt through triangular fastening that is situated by stroller's frame (fig.140) and then insert belt's ending into regulator (fig.141,142).



fig.140



fig.141

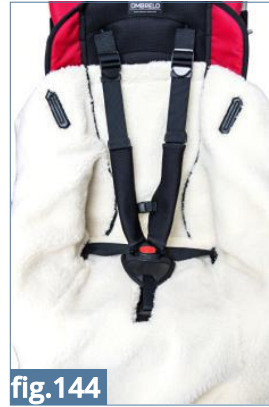


fig.142





STEP 8. Pull belts so as to make sure that belts are mounted correctly.



STEP9. Last thing to do is to mount winter footmuff on backrest. Thread belts fastening winter footmuff through holes in upholstery (fig.145,146,147). These belts are situated at the upper part of winter footmuff. Next, fasten belts behind backrest by means of Velcro tapes (fig.148). **CAUTION! Belts should cover frames of stroller's backrest.**





7.22 REF OMO_416 Summer footmuff

Please follow these steps so as to mount summer footmuff:

STEP 1. Prepare stroller - take out footrests (do it in opposite way that they were mounted (**look point 6.4.1, page 18**).

STEP 2. Unfasten zip from summer footmuff and unfold it on both seat and stroller's backrest.

STEP 3. There are two holes in summer footmuff and they are situated at the bottom part. It is necessary to insert footrests' runner (fig.149) into these holes. Next, mount footrests (fig.150) and secure them with the aid of bolt at any height (fig.151) (**look point 6.4.1, page 18**).

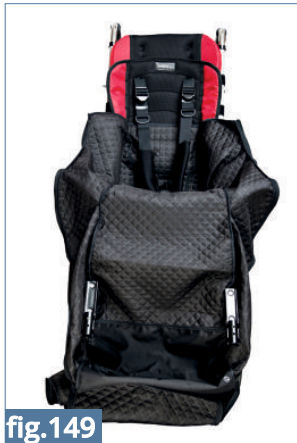


fig.149



fig.150



fig.151

STEP 4. Additionally, it is important to mount summer footmuff to footrest with the aid of belt that is fastened with fastener (fig.152,153).



fig.152



fig.153





STEP 5. Summer footmuff is equipped with special hole designed for 5 points belts and abduction block. Firstly, unfasten 5 points belts and take out completely two bottom belts (they are a part of 5 points belts). Take them out from triangular fastening that is placed by stroller's frame (fig.154).



fig.154

STEP 6. Place summer footmuff on stroller's backrest and thread 5 points belts through hole which is created in the centre of seat. Two bottom belts that are a part of 5 points belts should be threaded through holes situated at the side of summer footmuff (fig.155).



fig.155

STEP 7. Both belts should be mounted to stroller. Thread belt through triangular fastening that is situated by stroller's frame (fig.156) and then insert belt's ending into regulator (fig.157,158).



fig.156



fig.157



fig.158





STEP 8. Pull belts so as to make sure that belts are mounted correctly.

STEP 9. Last thing to do is to mount summer footmuff on backrest. Thread belts fastening winter footmuff through holes in upholstery (fig.160-164). These belts are situated at the upper part of summer footmuff. Next, fasten belts behind backrest by means of Velcro tapes (fig.165) **CAUTION! Belts should cover frames of stroller's backrest!**



fig.159



fig.160



fig.161



fig.162

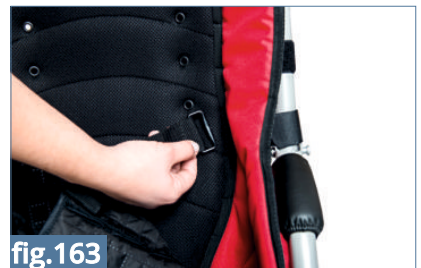


fig.163



fig.164



fig.165





7.23. **REF OMO_135** Side seat supports

Please follow these rules so as to mount side rigid pelottes:

STEP 1. Place upholstery on pelottes. Remember to take markings into account: upholstery with label 'right' should be placed on right pelotte and upholstery with label 'left' should be placed on left pelotte. Please make sure that upholstery is placed on pelotte as it is shown on the picture (fig.166).



fig.166

Side with protective foam



fig.167

STEP 2. Assembly of pelottes: unfasten Velcro tapes from backrest's upholstery (fig.167) and place pelottes on backrest's frame above seat with the aid of two catches (fig. 168) and then fasten upholstery. Pelotte should be mounted in a way that its curve is placed towards the outer part of stroller. Right pelotte should be mounted on right side of stroller and left pelotte on left side of stroller. Please check picture so as to see how pelotte should be mounted. (fig.169)



fig.168



fig.169

Side with protective foam



7.24. REF OMO_421 **Seat cushion (thighs shape)**

7.25. REF OMO_419 **Seat cushion (pommel shape)**

To attach the cushions follow the Elastico seat cushion installation instruction OMO_412 (**look point 7.16, page 39**).

The installation of 5 point belts was presented in section 6.8.1 (**look point 6.8.1, page 24**).



fig.170



fig.171



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

7.26. REF OMO_129 **Abduction-adduction thigh belts**

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

STEP 1. Take out the belts and side out all the buckles on both sides of the belt



fig.172

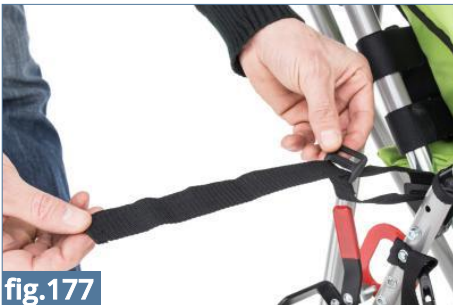




STEP 2. Attach the belt to the black holder placed next to the backrest



STEP 3. Slide the end of the belt into the plastic strap adjuster





STEP 4. Then, attach the plastic strap adjuster (the one that you previously detached in STEP 1) to the belt



fig.179



fig.180

STEP 5. Slide the end of the belt into the snap buckle



fig.181



fig.182

STEP 6. Put the belt on the stroller's seat (draw your attention on the seam layout!).



fig.183



fig.184





ADDUCTION FUNCTION



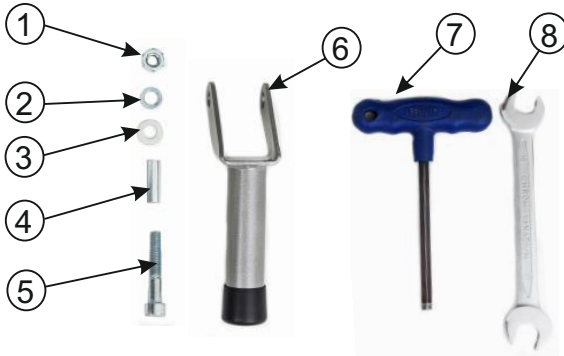
ABDUCTION FUNCTION





7.26. **REF OMO_433** Lifting bar

Set needed to assemble the lifting bar:



1. Nut
2. Small flat washer (small underlie)
3. Large flat washer (large underlie)
4. Sleeve
5. Screw
6. Foot support (footplates)
7. Hex key 8 (allen wrench) - NOT included in the set
8. Spanner - NOT included in the set

To assemble the lifting bar you must:

STEP 1. Insert sleeve in the indicated hole (4).

ATTENTION! Lifting bar can be assembled either on the right and on the left side of the stroller!



fig.190



fig.191

STEP 2. Apply lifting bar so that the holes overlap.



fig.192

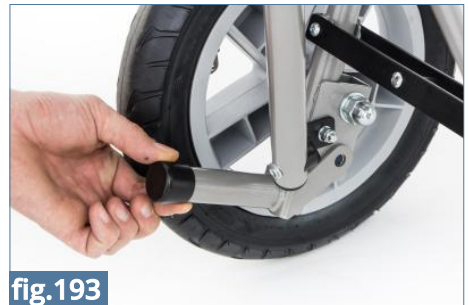


fig.193





STEP 3. In the opening (from the wheels side) insert the screw (5)



fig.194



fig.195

STEP 4. Next, the following must be placed on the screw in the order below (on the inner side of the stroller) : large washer (3), small washer (2), nut (1).



fig.196



fig.197

STEP 5. The last step is to tighten the screw with the hex key (allen wrench) and spanner.



fig.198



fig.200



7.27. **REF OMO_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 (fig.201).



fig.201

STEP 2. Choose the appropriate length of the belt and cut it along the designated place (fig.202, 203).



fig.202



fig.203

STEP 3. Fasten the ends of the belt using Velcro fastener (fig.204). The belt should be mounted to the stroller around the backrest (fig.205).



fig.204



fig.205





8 THE USE OF STROLLER



CAUTION! OMBRELO™ 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 **OMBRELO™** stroller!

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 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.





9 SAFETY RULES



CAUTION! OMBRELO™ 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, stroller 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 losing warranty.

CAUTION! The weight of user should not be bigger than maximal weight described on page 13 where you will find information regarding this issue.

- 1) AKCES-MED Sp. z. o. o sells products free from manufacturing defects or faults.
- 2) Manufacturer gives the purchaser 24-month guarantee from the date of purchase. All defects revealed during warranty period will be repaired free of charge.
- 3) All defects which appear after warranty period can be repaired only when the user will pay for it. This rule doesn't apply to refunded products - user can ask National Health Refund for refund.
- 4) Manufacturer claims that the product can be used for 48 months. User can use this product after this period only when he/she will send the device to manufacturer so as to service it. Next, manufacturer determines again how long the product can be used and, moreover, the date of the next service will be determined.
- 5) If product is damaged, please contact our dealer or AKCES-MED customer service (ph. 17/864 04 70)





10 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 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.



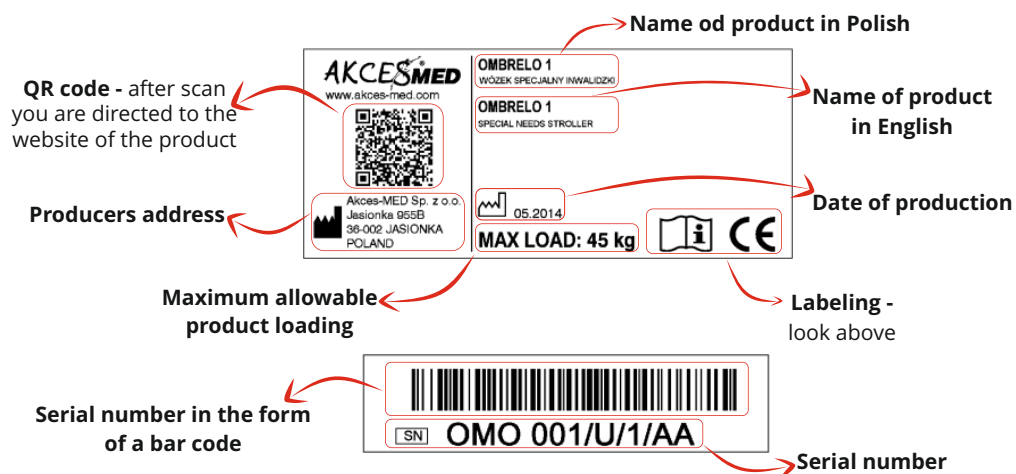


11 LABELLING

11.1. 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
			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.

11.2. Example of identification plate





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: **25.11.2013**

The last update: **08.05.2017**

Our passion - your independence!