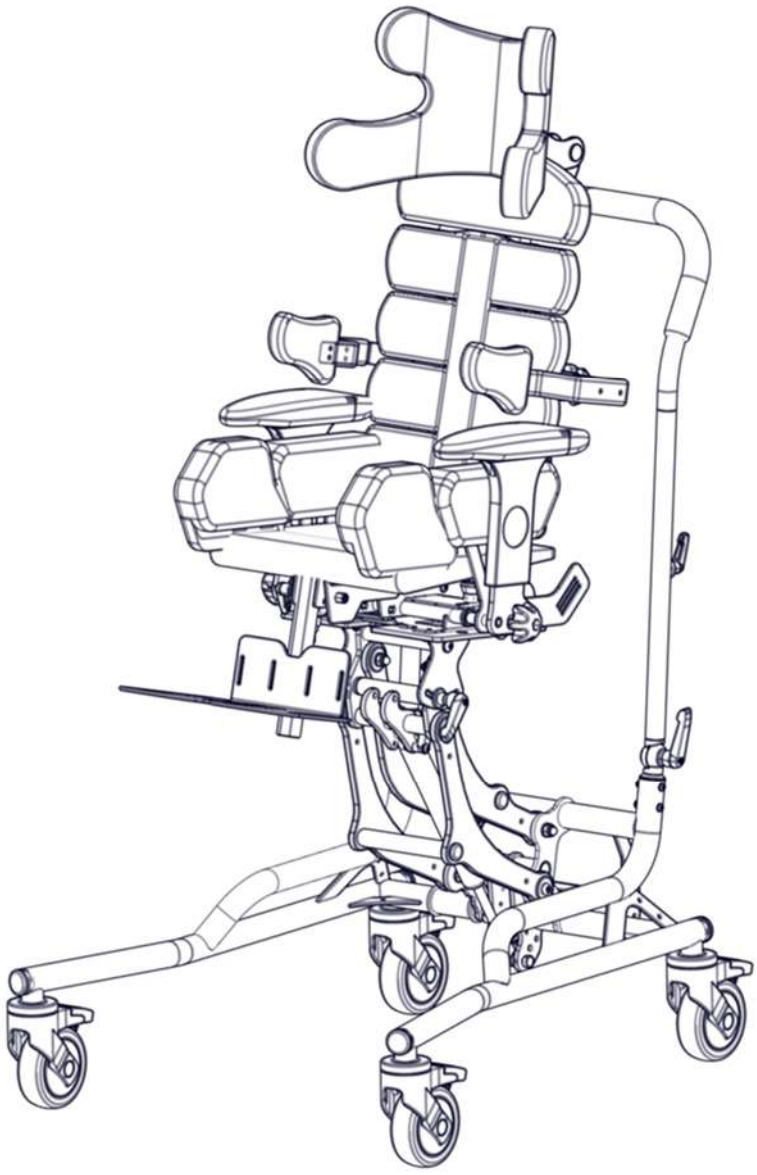
ENG

INSTRUCTIONS FOR USE

Baffin neoSIT HL



Sizes: S,M,L

CE

MD

Revision 4 – 09.05.2025

ENG

ATTENTION! WHILE USING AND SERVICE, ALSO DURING INSTALLATION AND ADJUSTMENT ALL THE MECHANISMS, THERE IS A DANGER OF ENTRAPMENT OR/ AND COMPRESSION SOME PARTS OF A USER/ USER'S ASSISTANT BODY INSIDE OF THE GAPS/ SLOTS BETWEEN ELEMENTS. THIS ACTION SHOULD BE TAKEN WITH EXTRA PRECAUTION. AFTER FINISHING ADJUSTMENT, THERE IS A NEED TO STABILIZE POSITION BY PRECISE TIGHTENING OF THE KNOBS/ BOLTS.

ATTENTION! THE PACKAGE OF THE PRODUCT SHOULD BE KEPT IN CASE IF PRODUCT REQUIRES RE-TRANSPORTATION FOR WARRANTY PURPOSE.

ATTENTION! WHILE USING THE DEVICE THE CHILD SHOULD NOT BE LEFT UNSUPERVISED.

ATTENTION! THE MAXIMUM LOADING OF DEVICE SHOULD NOT BE EXCEED.

ATTENTION! DO NOT USE THE DEVICE IF THE PRODUCT HAS DEFECTIVE, DAMAGED OR MISSING PARTS.

ATTENTION! ADJUSTMENT AND REGULATION OF THE DEVICE TO MEET THE REQUIREMENTS OF AN INDIVIDUAL PATIENT MUST BE PERFORMED BY A PHYSIOTHERAPY SPECIALIST OR A TRAINED PERSON.

ATTENTION! IN THE EVENT OF A SERIOUS MEDICAL INCIDENT, THE USER/PATIENT SHOULD REPORT THE INCIDENT TO THE NATIONAL COMPETENT AUTHORITIES AND TO THE MANUFACTURER IMMEDIATELY.

ATTENTION! THE DEVICE CONTAINS SMALL PARTS THAT MAY POSE A RISK OF CHOKING OR SWALLOWING BY A CHILD.

ATTENTION! BEFORE USING THE DEVICE, BE SURE TO READ THE INSTRUCTION FOR USE.

ENG

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ENG

1 Introduction

Thank you for purchasing the o**rthopaedic seat for children stabilising the back and head Baffin neoSIT HL (hereafter Baffin neoSIT HL)** from LIW Care Technology Sp. z o.o.. We are convinced that our innovative device, which has advanced functions for anatomical adjustment to the user's body, will improve the comfort of both work and rest in a sitting position.

The Baffin neoSIT HL orthopaedic back and head stabilising seat for children developed by LIW Care Technology Sp. z o.o. was designed and patented to give patients an alternative to prefabricated seats, which have a limited range of adjustment to the user's anatomical shapes, and custom-made seats, which perfectly reproduce the body's anatomical curves but have little scope for further correction. At the same time, allowing them to move without changing the seat. The seat can be fitted with one of two versions of the running frame. The INDOOR version is fitted with small wheels for driving on flat and paved surfaces, while the OutDoor version is fitted with large wheels for comfortable driving on flat paved surfaces as well as on light terrain such as woodland.

We have made every effort to make the device as easy to use as possible, while at the same time offering great adaptability to anatomical shapes, as well as the best possible correction of postural defects.

For maximum user safety and comfort, it is essential to follow the recommendations of this manual. Before using the appliance, carefully read the contents of these instructions for use and ensure that you fully understand all the information, recommendations and warnings contained therein. If in any doubt, it is imperative that you contact your dealer or the manufacturer before using the appliance.

2 General safety conditions

Before use Baffin neoSIT HL, it is necessary to read this manual. By following all the recommendations contained in the manual, you will avoid situations in which you could damage the device and ensure complete safety and comfort of use throughout the entire period of use of the product.

The greatest concern of LIW Care Technology Sp. z o. o. is to ensure the safety of patients using our devices. To ensure full safety of users of the Baffin neoSIT HL, the following recommendations must be strictly adhered to:

1. Before attempting to use the device in any way, read the operating and use instructions carefully and, in case of any doubts, contact the seller or manufacturer.
2. Make sure you fully understand all information, recommendations and warnings contained in these sections.
3. Do not leave the child in the seat without the supervision of a guardian.
4. When the child is sitting in the seat, please make sure that the child is secured against falling out.
5. The Baffin neoSIT HL is intended for use by one person at a time.
6. Improper use of the seat may be hazardous to health and may cause injury to the user.
7. When using and handling the Baffin neoSIT HL device and when folding or adjusting the mechanisms, special attention should be paid to moving parts that pose a real safety risk, such as squeezing the body in holes or between elements. After each adjustment operation, stabilize the position by tightening the nuts/bolts carefully and make sure that the components are in a properly seated and secured position.
8. It is forbidden to transport a child in the Baffin neoSIT HL device while driving a car, i.e. the Baffin neoSIT HL device is not a car seat. The patient may travel in the Baffin neoSIT HL while driving provided that the vehicle is wheelchair accessible and the device is equipped with an OutDoor frame

with transport handles fitted and the requirements specified in this manual are met. It is forbidden to drive the seat up and down the stairs both with and without the patient see 13.

9. It is forbidden to drive the device up and down the stairs both with and without the patient.
10. The device does not contain substances that can cause danger to life or health.
11. It is forbidden to carry the seat when the patient is sitting in the seat.

Any unauthorized modifications to the device made by the consumer are not allowed and may endanger the life or health of the user and will void the warranty.

In the instructions for devices manufactured by LIW Care Technology Sp. z o. o. there is a paragraph marked with the symbol ATTENTION, the purpose of which is to draw special attention to the content it contains. The meaning of the above-mentioned symbol is as follows:



ATTENTION! This symbol is used to draw the reader's attention to the content marked with this symbol. Failure to observe the content contained under this marking may endanger the user's life or health.



ATTENTION! Baffin neoSIT HL seat with frame not equipped with transport handles is not suitable for transporting users in motor vehicles.



ATTENTION! Regular servicing should be carried out. This maximises the life of the appliance.

3 Indications and disease entities

Baffin neoSIT HL is a device that positions and supports the patient in a sitting position. It is used in those diseases where the patient has lost the ability to sit independently temporarily or permanently. The decision to use the device in the rehabilitation process is made by the doctor/physiotherapist.

The device is most commonly used in the following diseases:

- cerebral palsy (CPD),
- muscular dystrophies,
- paralysis of various origins,
- core SMA muscular atrophy,
- genetic syndromes,
- spina bifida,
- myelomeningocele,
- conditions after spinal injuries,
- conditions after craniocerebral injuries,
- conditions after strokes,
- posture defects, in particular scoliosis of the spine, with the exception of very large deformities of the trunk/spine, which may prevent the use of a medical device.

In the first period of using the equipment, it is worth getting the patient used to it. For this purpose, the child should be seated in it several times a day for a few minutes. The process of accepting the equipment can take from several minutes to several days – depending on the patient's health condition. The time spent in the device is not strictly defined and depends on the patient's health condition and the rehabilitation process, most often patients are in a sitting position during educational activities, occupational therapy, and daily activities. The device provides the patient with trunk support, develops

the correct sitting pattern, and facilitates the development of cognitive functions. It also ensures the comfort of working with the child and its safety.

Indications:

- improving lung ventilation and preventing pneumonia,
- improvement of mental state,
- slowing down the progression of scoliosis in children and adolescents with lost gait function,
- building the correct sitting pattern.

Contraindications

A contraindication to the use of the device is the patient's health condition in which the doctor does not recommend a sitting position.

The device is used on the order of a doctor or licensed physiotherapist. The device cannot be used if the doctor/physiotherapist forbids the patient to sit or transport the patient for any reason (the device has transport wheels).

Particular caution should be exercised when the patient has respiratory and circulatory problems and experiences significant drops in blood pressure. In such situations, a doctor or an authorized physiotherapist should indicate the appropriate sitting position for the patient. In such cases, the patient should always be in the device accompanied by a caregiver.

4 Identification plate

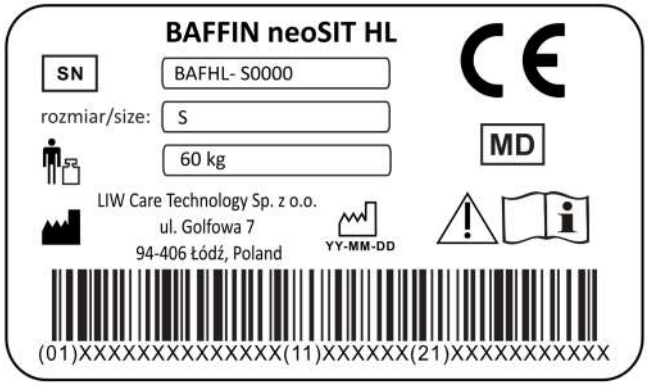
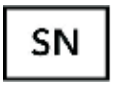


Fig. 1

5 Symbol marking


Manufacturer name


Production date



Serial Number


Maximum user weight


Follow the operating instructions


Arrow pointing to the element in question


Arrows indicating the direction of movement


Mark of conformity according to Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices, Annex V



Medical device

6 Compliance with the safety requirements for medical devices

Hereby we confirm that the Baffin neoSIT HL meets requirements of the Regulation of the European Parliament and of the Council (EU) 2017/745 dated from April 5th, 2017 on medical devices.

Baffin neoSIT HL in accordance with Annex VIII of the Regulation of the European Parliament and of the Council (EU) 2017/745 dated from April 5th, 2017 on medical devices is a non-invasive, non-active class I medical device according to the rule 1.

The Declaration of Conformity for this product can be found in manufacturer's Sales Department


ATTENTION! If the device is modified, if non-original spare parts are used, or if it is used with another manufacturer's products, remove the CE marking.

7 Indications for product use

The Baffin neoSIT HL orthopaedic seat for children stabilising the back and head is designed for people between 80 and 140 cm in height and weighing up to 60 kg. Baffin neoSIT HL is used for people with postural defects and muscle dysfunction. It is ideal for children with cerebral palsy, muscular dystrophy, paralysis of various origins, tetra and paraplegia, as well as children with postural abnormalities. The device can be used therapeutically and prophylactically, preventing the formation and aggravation of already existing postural defects and the associated abnormal functioning of the body. Its main task is the passive correction of the child's posture in the sitting position. The device allows correct positioning (in an optimal position) of the child's spine and pelvis. With correct posture, the quality of life improves, the functioning of the three basic systems: respiratory, circulatory and digestive. The use of the device by a physiotherapist after exercise will increase the chances of the user returning to the

correct position. Thanks to a design that seeks to replicate the physiological curvatures of the spine when correctly positioned, the Baffin neoSIT HL corrects scoliosis and passively restores the correct alignment of the spine's kyphosis and lordosis. The adjustment of the pelvis, which is the base of the body in the sitting position, corrects the alignment of the spine, allowing the patient's whole body to be forced into correction. An innovative feature of the device is that it ‘grows’ with the child. It can be adjusted to the child's current position and height.



ATTENTION! The device is single-person, i.e. it is intended for use by one person at a time.



ATTENTION! The device should be loaded only to the permitted extent, attaching any objects or leaning on it may result in loss of stability and tipping over.



ATTENTION! With extreme settings and unfavourable posture (leaning), there is an increased risk of tipping over.



ATTENTION! It is forbidden to move the device with the user.



ATTENTION! Use extreme caution when driving up and exiting curbs and maneuvering on other uneven surfaces.



ATTENTION! Neither the seat nor the complete device can be used as a restraint system (car seat) for patients in motor vehicles or as a seat on board aircraft.

8 Technical data

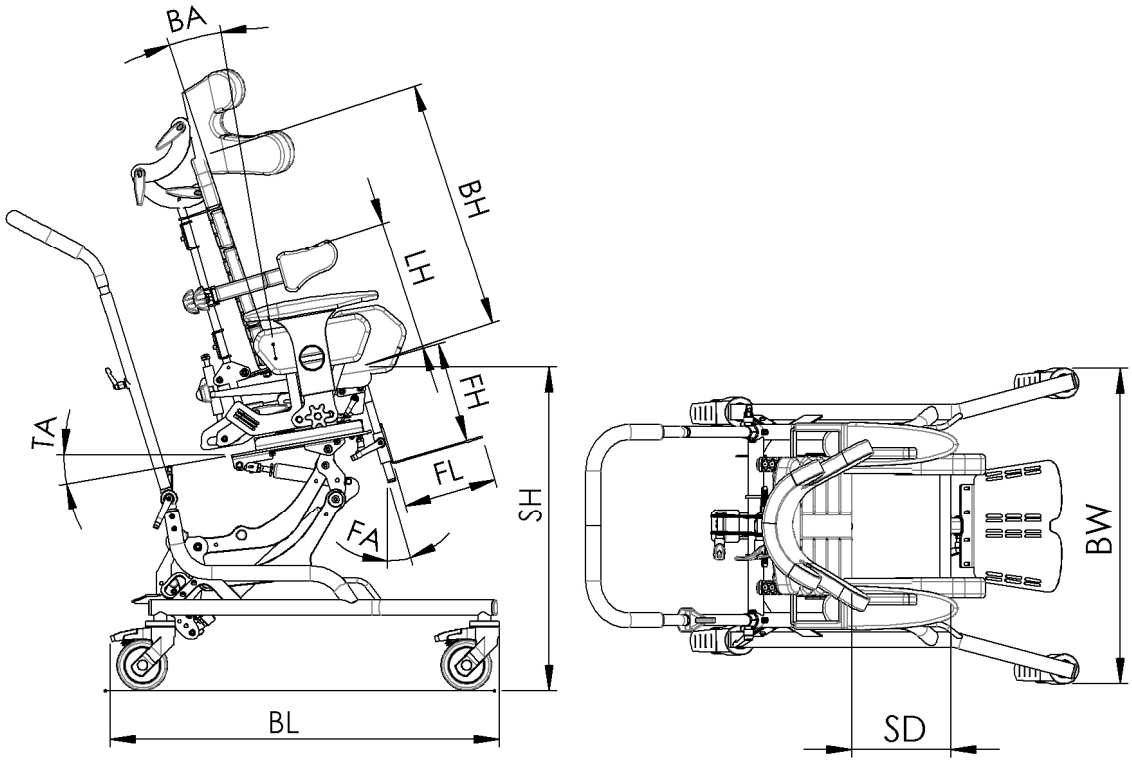


Fig. 2

No.	Dimension	Dimension symbol	Dimension [cm]		
			S	M	L
1	Seat height	SH	37÷68[1] 42÷72[2]	37÷68[1] 42÷72[2]	37÷68[1] 42÷72[2]
2	Seat depth	SD	16÷31	20÷31	27÷40
3	Seat width	SW	15÷30	15÷30	20÷32
4	Tilt angle	TA	-10°÷30°	-10°÷30°	-10°÷30°
5	Back height	BH	42	50	58
6	Lateral support height	LH	16÷35	16÷40	20÷45
7	Back angle	BA	25°÷ -5°	25°÷ -5°	25°÷ -5°
8	Foot platform height	FH	17÷27	17÷27	28÷38
9	Foot platform length	FL	18	18	21
10	Footplate angle	FA	45°÷ -10°	45°÷ -10°	45°÷ -10°
11	Base length	BL	77[1] 87[2]	77[1] 87[2]	77[1] 87[2]
12	Base width	BW	63[1] 68[2]	63[1] 68[2]	63[1] 68[2]
13	Rear wheel diameter		10[1] 31[2]	10[1] 31[2]	10[1] 31[2]
14	Front wheel diameter		10[1] 15[2]	10[1] 15[2]	10[1] 15[2]
15	Maximum user's weight		60kg	60kg	60kg

[1] – frame version INDOOR
[2] – wersja ramy OUTDOOR

9 Structure of the device

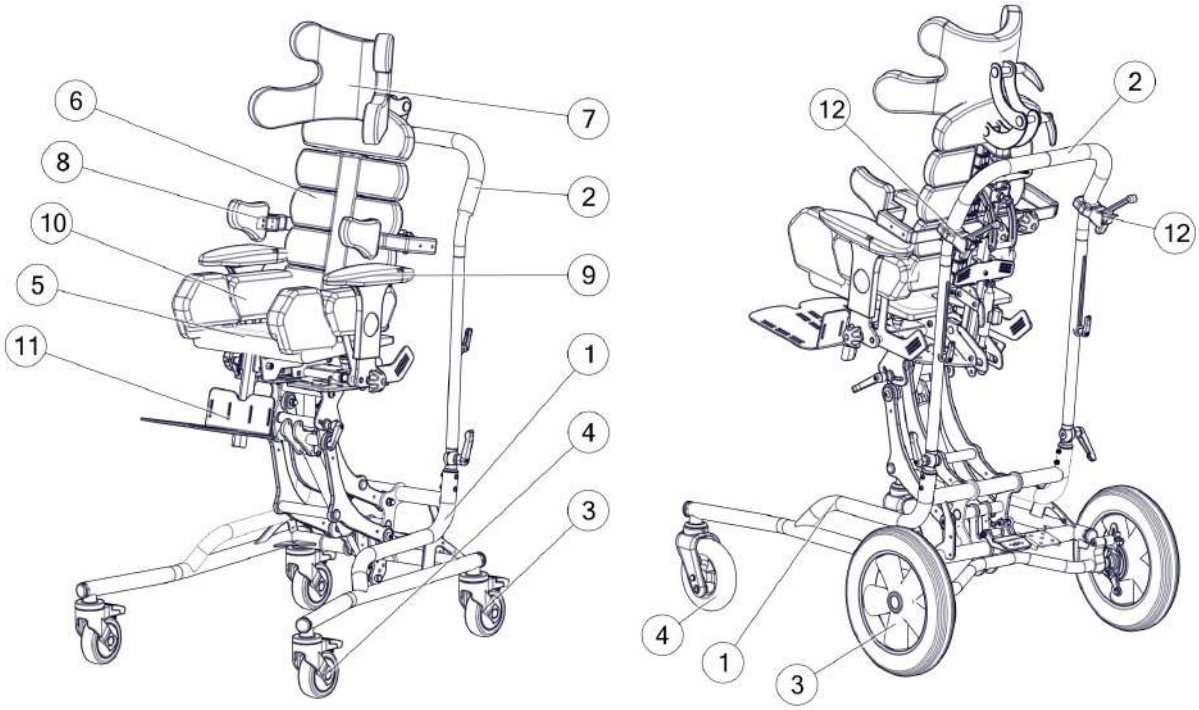


Fig. 3

1. Frame
2. Pushing handle
3. Back wheels
4. Front wheels
5. Seat
6. Backrest
7. Headrest
8. Lateral supports
9. Armrest
10. Hip supports
11. Footrest
12. Brake lever (OutDoor Frame)

10 Product installation and first launch

10.1 Preparation from operation

In the event that the delivered product or packaging is damaged, the supplier and the product manufacturer must be notified.

The packaging contains the Baffin neoSIT HL unit including accessories depending on the equipment version ordered.

A space of approximately 2 m^2 is required for installation/assembly, operation and maintenance of the unit. For how to start up the unit, please refer to the section on use and adjustment.

After removal from the packaging, the unit is ready for use.

10.2 Preparation for use

Before using the unit:

- check that the seat frame mechanisms are working correctly and that the tilt lock mechanism is locked,
- check the seat attachment and that the seat lock mechanism (if fitted as an option) to the frame is correctly locked,
- adjust and fit the fittings of the equipment,
- check the condition of the upholstery.

10.3 Tools needed to adjust the device

The following tools are required to fully adjust the device and accessories:

- H4 - Allen key 4
- H5 - Allen key 5
- H6 - Allen key 6

11 Use and adjustment

ATTENTION! Before using the device, the following adjustments should be made to fit the device to the user's body

ATTENTION! After each adjustment operation, ensure that all adjustment elements are properly seated and secured.

11.1 Width Adjustment

To adjust the side pelvic supports Fig. 4 turn knob (1) right or left until the required dimensions are obtained. The adjustment elements are situated on the left and right, allowing for symmetrical and asymmetrical positioning of the user's pelvis.

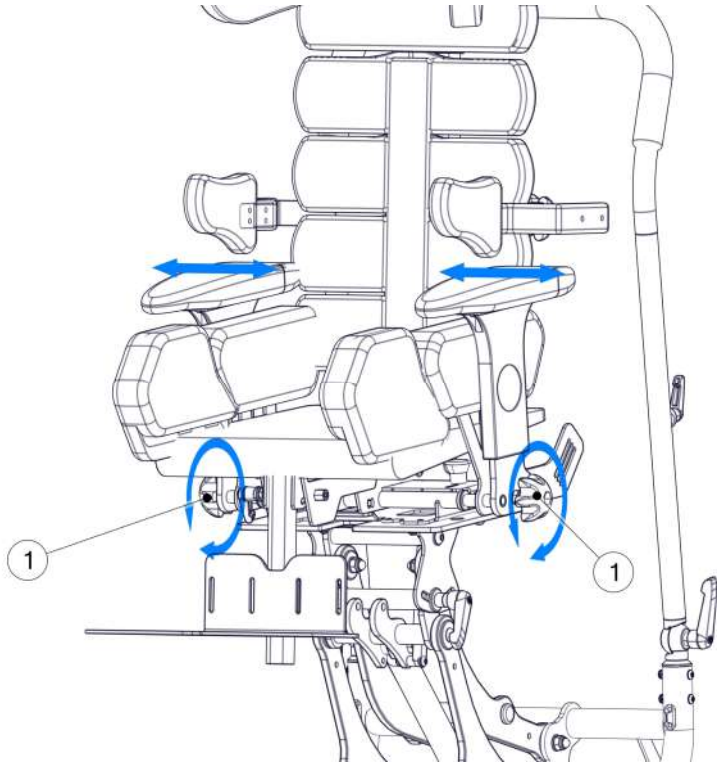


Fig. 4

11.2 Depth Adjustment

To unlock, loosen bolts (3) located on each side Fig. 5. After unlocking the screws, set the depth by pushing or pulling the front part of the device. To lock, tighten bolts (3). If the adjustment range provided by the bolts (3) is not sufficient, additional adjustment may be obtained by loosening bolts (7) and pulling or pushing the backrest. After completing the adjustment procedure, make sure the bolts 7 are tightened.

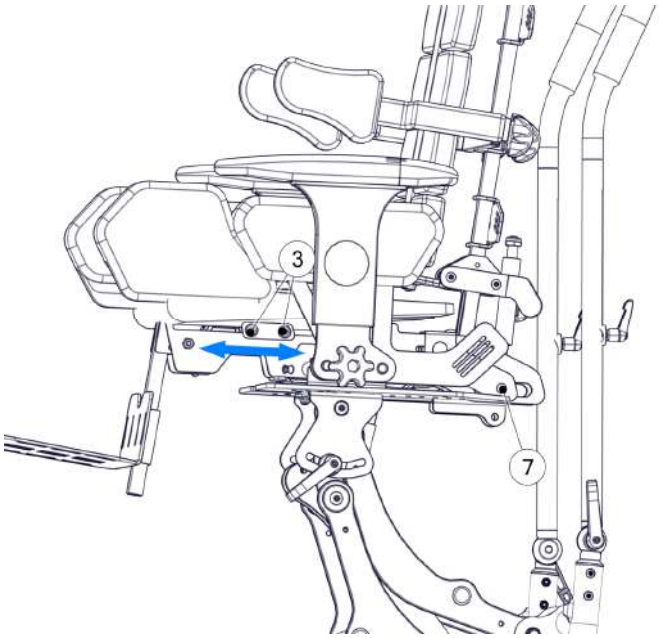


Fig. 5

11.3 Backrest Adjustment

The backrest has a unique design enabling the user to obtain its corrective or anatomical shape. The central core comprises several independent segments Fig. 6. The backrest can be modelled anatomically after loosening the adjustment screw (10). After the backrest optimum shape is obtained, re-tighten the adjustment screw (10).

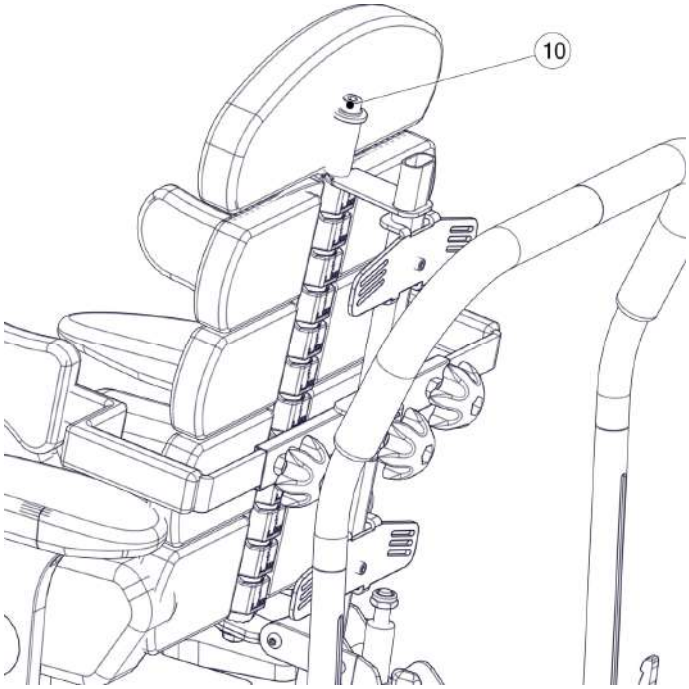


Fig. 6

ATTENTION! The adjustments must be carried out precisely as they have impact on the spine position.

11.4 Backrest Angle Adjustment

To change the angle of the backrest Fig. 7, the lever (4) should be turned and hold, the required angle position should be adjusted with the help of a hand, and then the lever should be released.

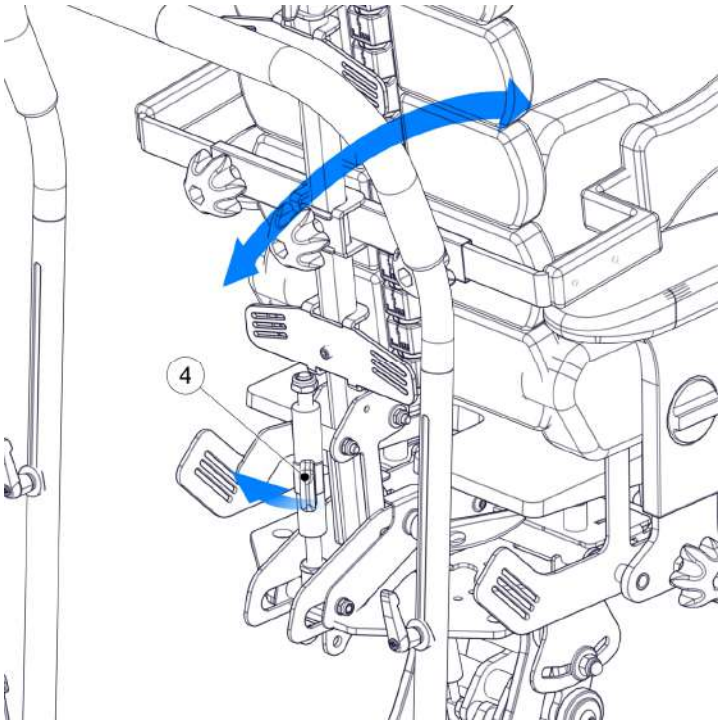


Fig. 7

ATTENTION! While the patient is giving pressure to the back, releasing of the lever will cause the rapid fall of one, so the falling back should be always protected by the hand!

11.5 Raising and lowering the seating system

ATTENTION! Whilst lowering the seat platform with the user, press the retardant pedal and hold the handle under in the seat base with both hands. Unser no circumstances hold/put hands near the motion mechanism of the seat base, there is a risk of hand entrapment!

One of the features of Baffin neoSIT HL, orthopaedic seat stabilising the head and back for children, is the option to adjust its height. The motion mechanism is designed in such a way that while changing the seat height, the tilt angle does not change in relation to the basis. The seat movement is supported by a gas spring. The spring has been selected in such a way that it prevents the seat from raising independently with its user; it is only possible with the aid of a carer. The upward and downward movement of a slow character and is suppressed by the force of the gas spring.

In order to change the seat height, press the retardant pedal (1) and set the required height. The retardant mechanism has an immobiliser to prevent accidental operation in the form of a bolt (2).

To unlock the adjustment feature, pull away the bolt lever (2) and turn it by approximately 90°; this will permanently unlock the lifting mechanism. After setting up the platform height, you must secure the mechanism against an accidental use by turning the bolt lever again (2) so that the locking mechanism is inserted again.

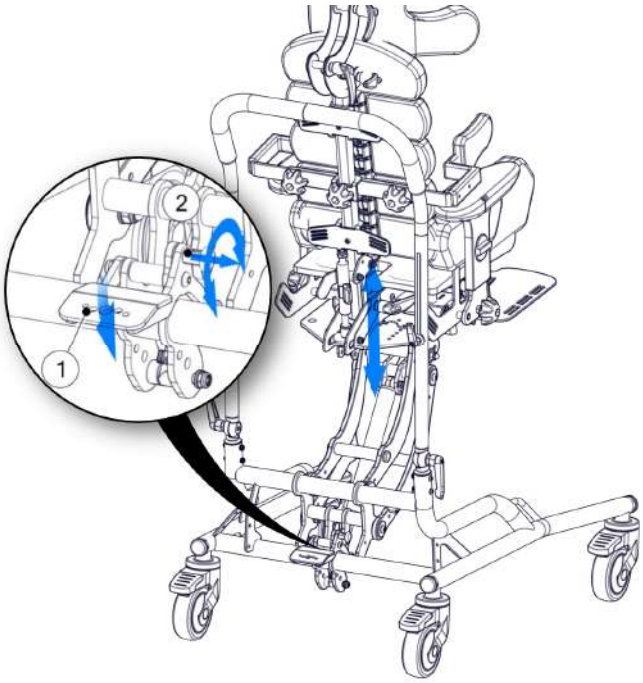


Fig. 8

11.6 Buttock Support Height Adjustment

To adjust the height of the buttress supports Fig. 9, turn the foot screw (9) until the correct height is reached.

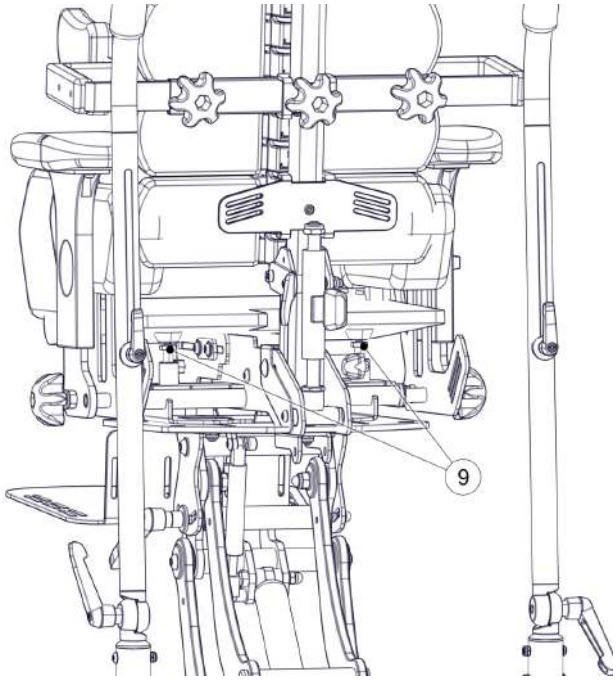


Fig. 9

ATTENTION! Screws (9) are located on the left and right side of the device and are independent from each other, to ensure asymmetrical adjustment of the buttock supports.

ATTENTION! Take particular care when adjusting the gluteal support, as it affects positioning of the spine.

In order to facilitate the adjustment, it is possible to remove the upholstery from the seat in order to provide access to the buttock ports.

11.7 Footrest Length Adjustment

To unlock the footrest length adjustment Fig. 10, loosen the handle knob (5). Then move the footrest up to the desired position. To lock the footrest in the set position, retighten the handle knob (5).

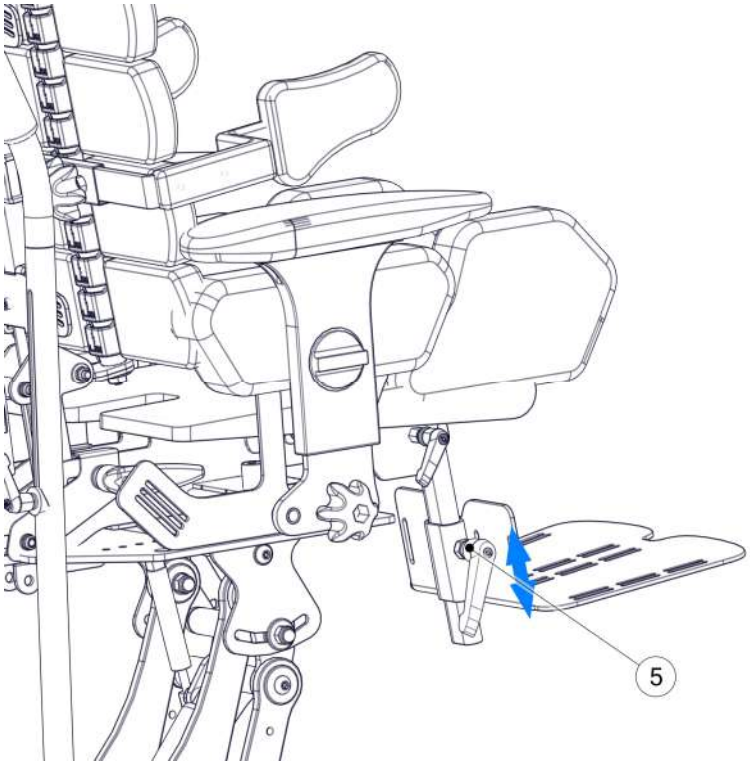


Fig. 10

11.8 Footrest Angle Adjustment

To change the angle of the footrest Fig. 11, loosen the handle knob (8), set the desired angle, then tighten the knob (8).

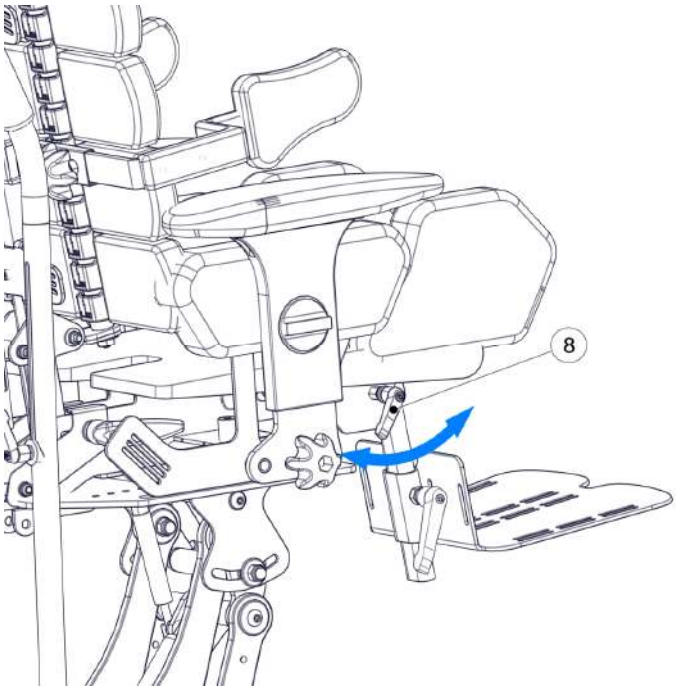


Fig. 11

11.9 Armrest Height Adjustment

To change the height of the armrest Fig. 12, turn the knob (12) until the desired height is set. The knobs are located on the left and right side of the unit and are independent of each other. This makes it possible to set the height of the armrests asymmetrically.

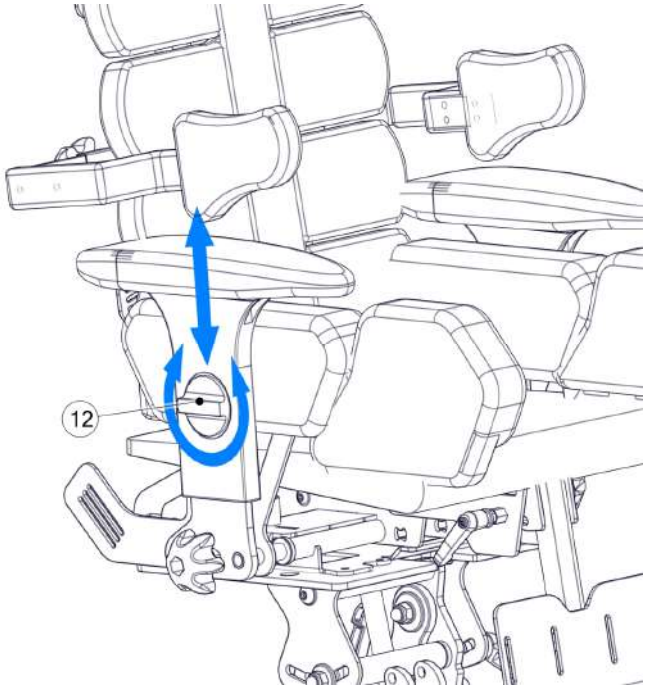


Fig. 12

ATTENTION! A prerequisite for starting the rehabilitation process with the Baffin neoSIT HL device is prior contact with the doctor caring for the patient.
Adjustments to the shape of the back support may only be made as prescribed by the doctor or physiotherapist.
Carefully check that the adjustments have been completed correctly:

1. None of the components must exert too much pressure on any part of the user's body.
2. There should not be too much space between the user and the device.
3. All screws and adjustment knobs must be tightened after the adjustment has been completed.

11.10 Adjusting the seat angle

Baffin neoSIT HL seat has the option to have the tilt adjusted in relation to the basis. Depending on the version of the device, it is operated either manually by using a lever or supported by a gas spring.

ATTENTION! At the maximum backwards tilt of the seat (30 degrees), the possibility of lowering the seat completely becomes restricted; it results from the kinematic system of the device and does not restrict any rehabilitation functions.

11.10.1 Regulating the seat's tilt angle using the lever

ATTENTION! During adjusting the tilt angle of the seat with its user, hold the retardant's lever with one hand and the handle with the other one. Under no circumstances hold/put hands near the seat mechanism, there is a risk of hand entrapment!

To set the required tilt angle of the seat Fig. 13, hold the seat by the handle, loosen the tilt lock by gently opening the release lever (2), arrange the seat in the required position and retighten the release lever. (2). Remember that the forward tilt is done by the force of the person operating the device. This may be more difficult for a patient with a maximum weight permitted. In this case, where possible, it is advisable to perform adjustments with the patient out of the seat.

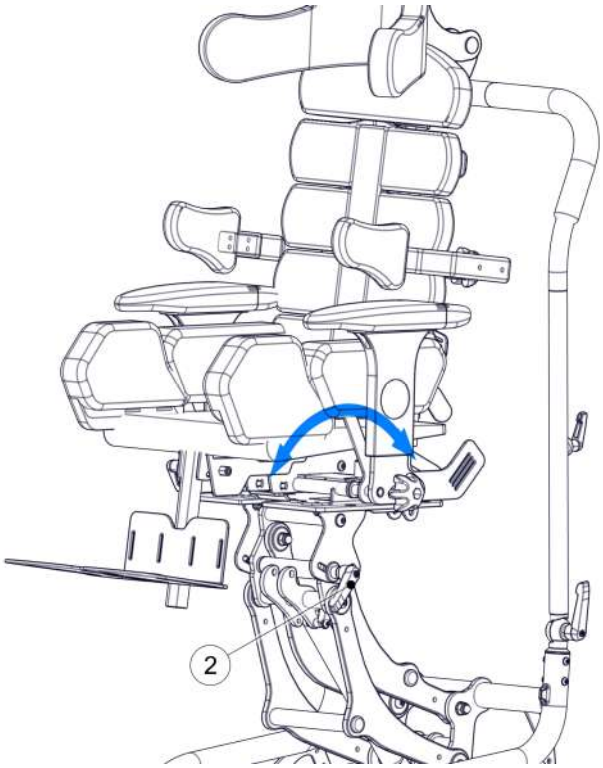


Fig. 13

11.10.2 Adjusting the angle by using the gas spring

ATTENTION! During adjusting the tilt angle of the seat with user in it, hold the retardant's lever with one hand and the handle with the other one. Under no circumstances hold/put hands near the platform mechanism; there is a risk of hand entrapment!

To set the seat at the required tilt angle, hold the seat Fig. 14 by the handle, release the gas spring lever (3); the gas spring supports the platform's movement. Once the required position has been achieved, release the gas spring lever – this will lock it. Remember that the forward tilt is done by the force of the person operating the device. This may be more difficult for a patient with a maximum weight permitted. In this case, where possible, it is advisable to perform adjustments with the patient out of the seat.

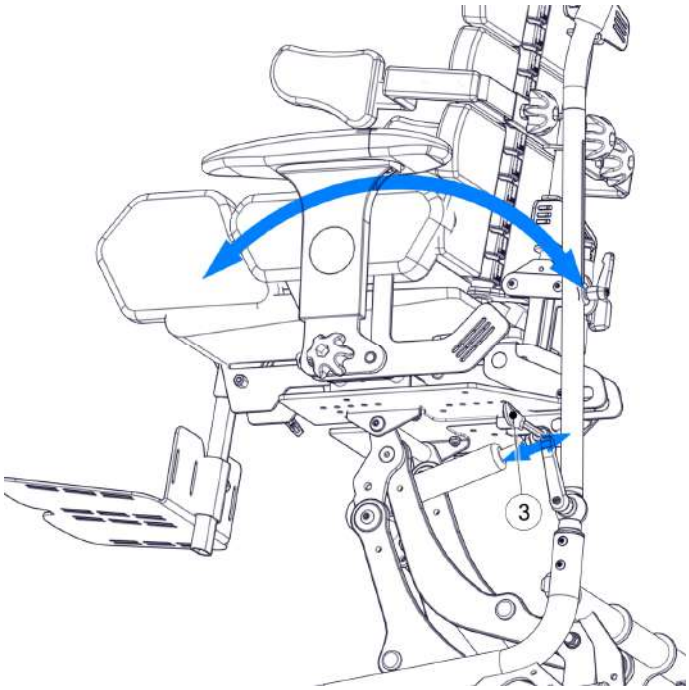


Fig. 14

11.11 Wheel brakes

11.11.1 Rama INDOOR

The seat frame Baffin neoSIT HL INDOOR version Fig. 15 is equipped with four independent wheel brakes (1), the brake levers are located directly on the wheels. To lock the brake, push the brake lever (2) to the lower position. To unlock the brake, pull the same lever upwards.

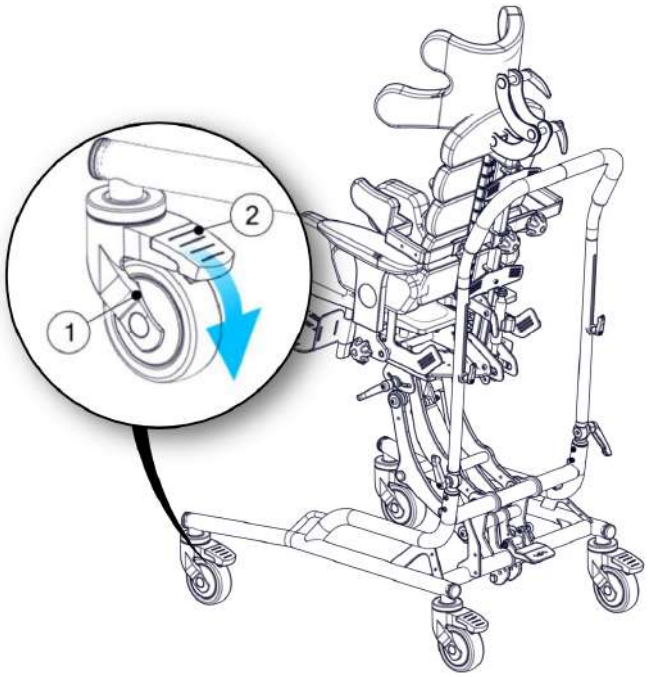


Fig. 15

11.11.2 Frame OUTDOOR

The Baffin neoSIT HL seat frame OutDoor version Fig. 16 is equipped with two independent wheel brakes on the rear axle. The brake handles (1) are located on both sides of the upper part of the guide handle. The brake handles have a locking function. To lock the brake, the movable brake release (2) must be jammed into the teeth of the handle body (1). Please note that in order to lock the rotation of the rear wheels, both brake levers must be locked.

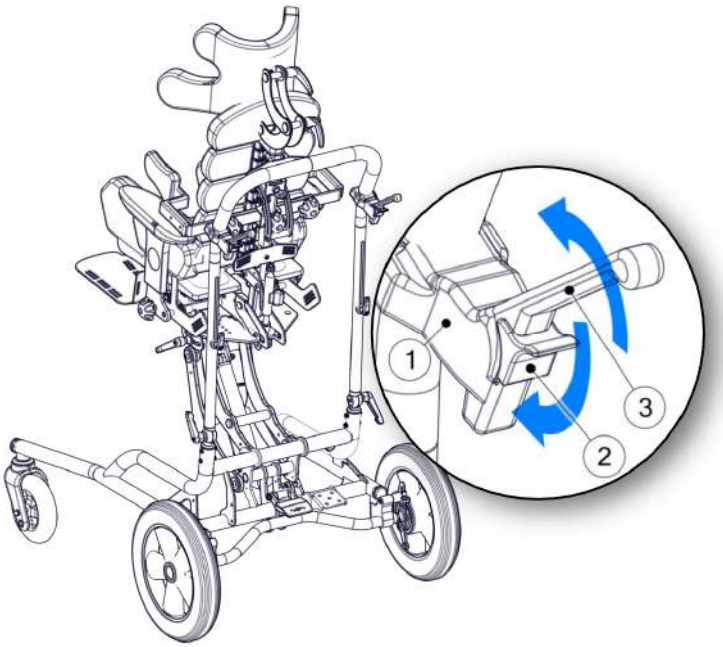


Fig. 16

ATTENTION! Stability of the device may be at risk in the event of unexpected push, tilting or leaning on it.

11.12 Adjusting the push handle

Baffin neoSIT HL is equipped with a push handle used for transporting the device. Depending on the version, the seating system can be equipped with a push handle -folding in one or two positions.

11.12.1 Adjustment of the bending push handle.

To tilt the angle of the adjustable push handle (3) Fig. 17, gently undo both levers (1) located at either side of the handle, set the required angle and retighten both levers. To set the height of the handle (3), gently loosen both levers (2), then set the required handle height and retighten them.

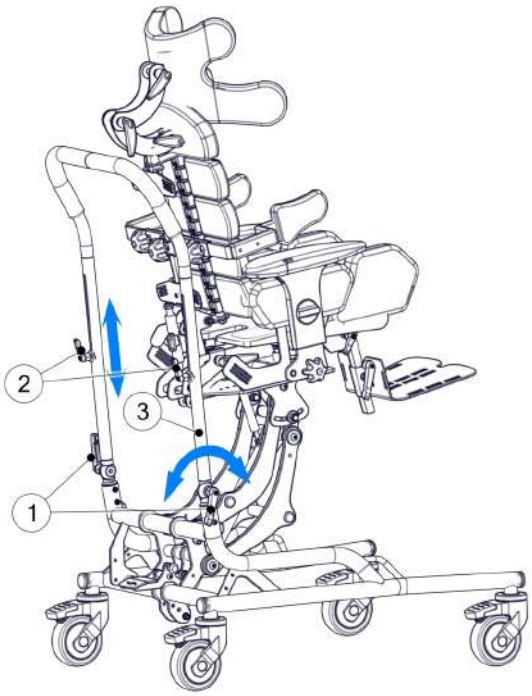


Fig. 17

11.12.2 Regulating the push handle – folding in two position.

To tilt the angle of the adjustable push handle (4) Fig. 18, gently undo both levers (1) located at either side of the handle, set the required angle and retighten both levers. To set the appropriate position of the top part of the handle (5), gently undo both levers (3) at each side of the handle, set the appropriate position of the top of the handle and retighten both levers. To set the height of the handle (4), gently loosen up both levers (2), set the required height of the handle and retighten both levers.

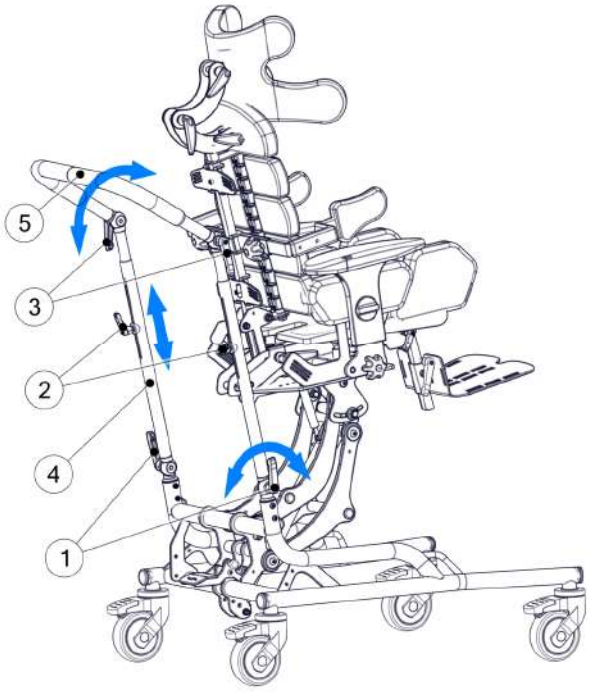


Fig. 18

11.13 Lateral Supports

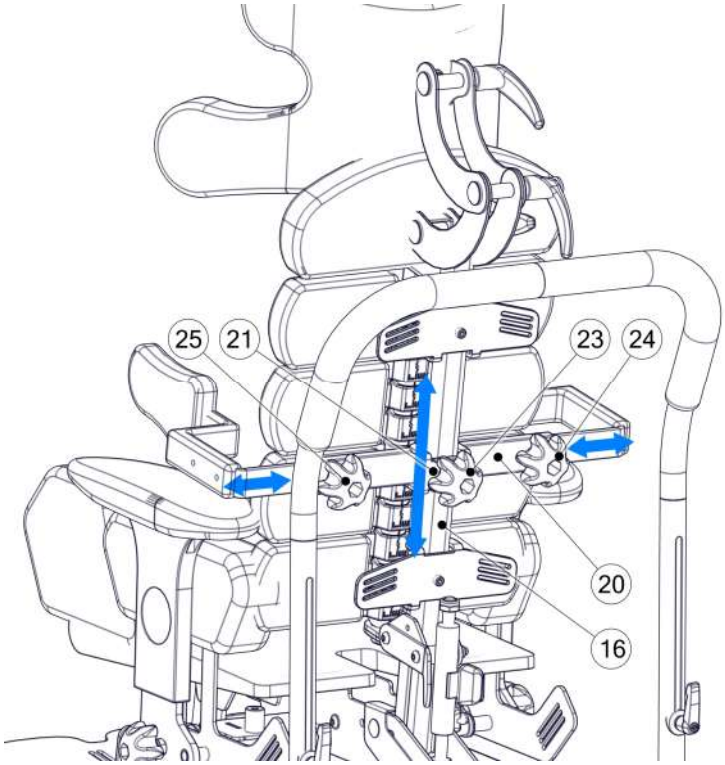


Fig. 19

11.13.1 Assembly of lateral supports

- Insert the arm support fixing bracket (20) onto the backrest profile (16.)
- Slide the support plates (21) through the opening located in the support fixing bracket (20).
- Tighten the fixing screw (23).

11.13.2 Width adjustment of lateral supports

- Loosen the screws (24) and (25).
- Draw the arm supports aside or towards each other until the required width is obtained.
- Tighten the screws (24) and (25).

11.13.3 Height adjustments of side supports

- Loosen the screw (23).
- Move the arm support (20) up or down until the required height is obtained.
- Tighten the screw (23).

11.14 Space adjustment of thigh supports

Space regulation of thigh supports Fig. 20 is done by using two regulatory screws (1), found underneath the thigh supports. To regulate, lift the upholstery covering the thigh brackets and loosen the regulatory screw (1) to allow for free movement and setting the thigh supports into position. After setting the desired position, tighten the regulatory screw to lock the thigh supports in a particular position. Thigh Supports can be set at an angle relative to the devices length hence allowing for ten ways

of setting the thighs. Adjusting the thigh supports affects the proper positioning of the knee and pelvis. Independent regulation of the thigh supports, allows for asymmetric adjustments.

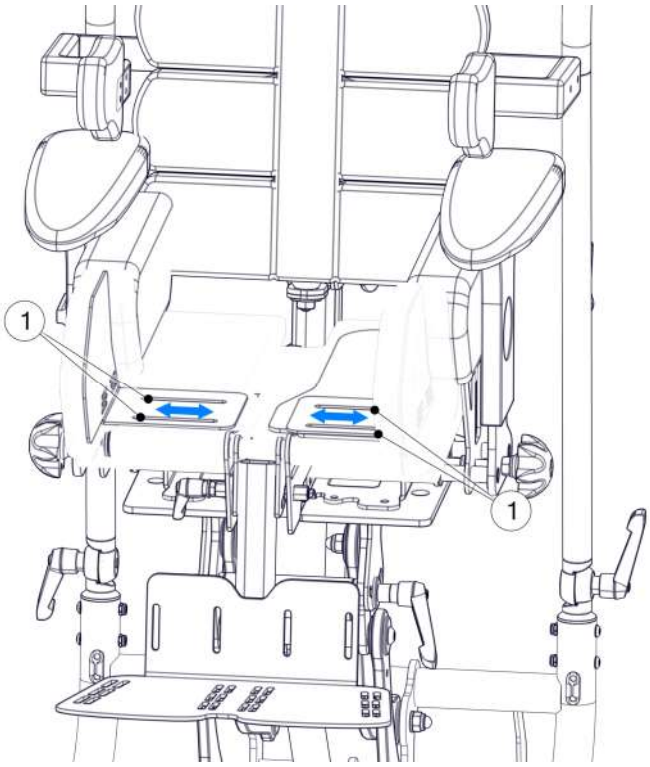


Fig. 20

11.15 Fixing and Adjusting the Vest, Legs abduction belts and Pelvic Belts

ATTENTION! The pelvic restraint and pelvic stabilisation belts have not been subjected to dynamic testing in accordance with ISO7176-19:2008 and the patient must therefore have these belts removed or unbuckled during transport in vehicles. Failure to do so in the event of a road traffic incident could result in serious injury to the patient.

The device is equipped with a vest and pelvic stabilisation straps to stabilize the user's position Fig. 21. The vest and pelvic support straps are attached to the device with straps. To attach the vest correctly, thread the straps through the holes in the belt loops. The attachment loops for the vest are located at the top and bottom of the backrest (26). The length of the vest attachment straps can be adjusted by pulling the straps through the attachment loops on the backrest, or through the buckles attaching the straps to the vest. The pelvic stabiliser straps are attached to loops behind the armrests (27). The straps are adjusted in length by pulling the fastening straps (loosening or tightening) through the fastening buckles or loops.

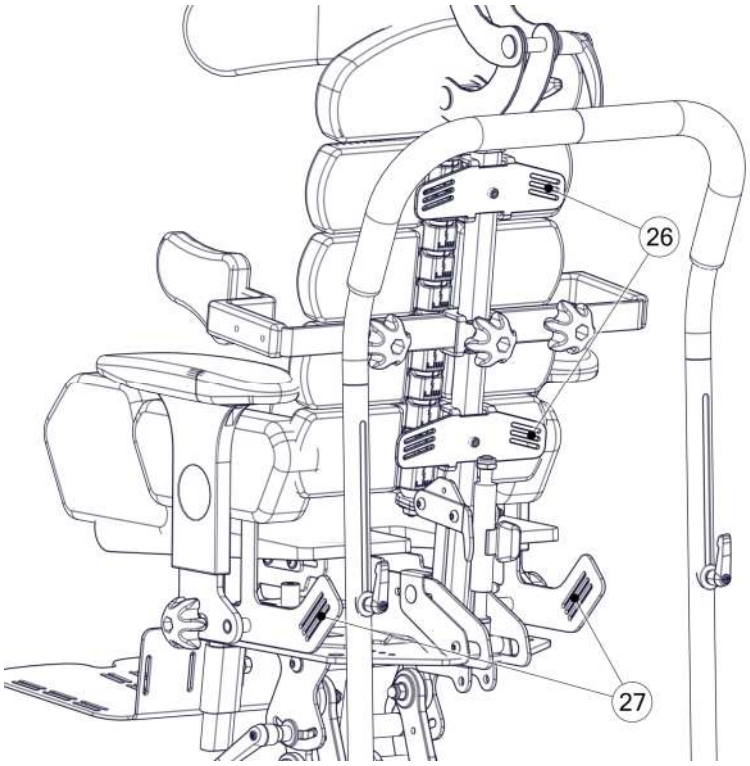


Fig. 21

ATTENTION! Carefully check that the adjustments have been completed correctly. None of the components must exert too much pressure on any part of the user's body. There should not be too much clearance between the user and the device. All screws and adjustment knobs must be tightened. When adjustments have been completed, ensure that all straps are correctly secured in the retaining loops and that all waistcoat and lap belt buckles are correctly fastened.

12 Accessories

12.1 Headrest

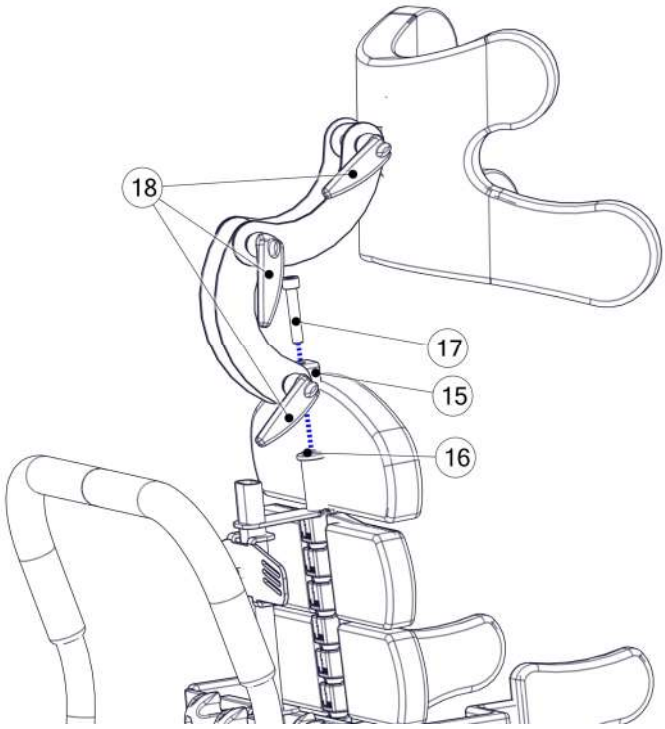


Fig. 22

12.1.1 Headrest Assembly

- Loosen the top adjustment screw spine (17).
- Insert the headrest fixing bracket (15) onto the backrest profile (16).
- Tighten the top adjustment screw (17).

12.1.2 Headrest Adjustment

- Loosen the adjustment knobs (18).
- Set the headrest in the correct position.
- Tighten the adjustment knobs (18).

12.2 Push handles for the seating system

ATTENTION! The accessory has not been dynamically tested to ISO7176 19:2008 and therefore cannot be used during transport in vehicles with a patient in a device. Failure to do so in the event of a road traffic incident could result in serious injury to the patient.

The push handles of the seating system (1) are used when the handle bar is dismounted (3). They are mounted directly on the platform, used for raising the seating system (2), by joining elements.

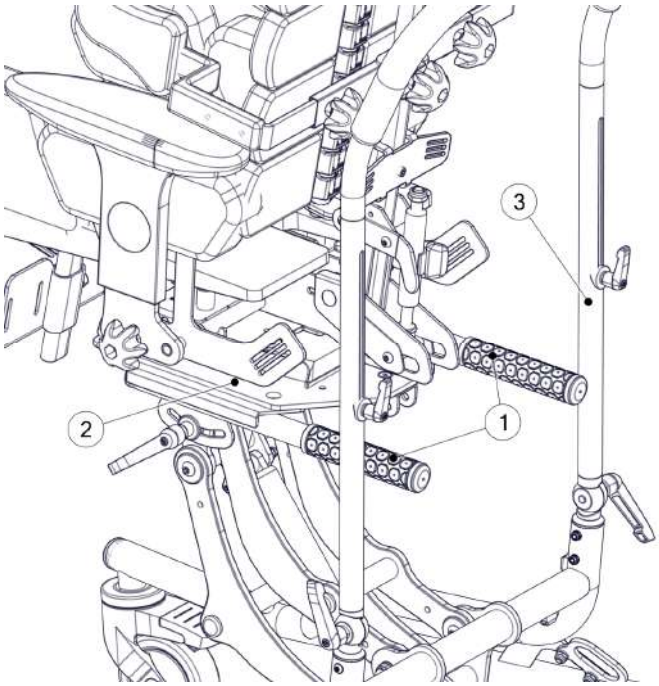


Fig. 23

12.3 Tray

ATTENTION! It is imperative that the tray is dismantled when transporting the patient by means of transport. Failure to do so in the event of a road traffic incident could result in serious injury to the patient.

12.3.1 Adjusting the Spacing of the Tray Handles

To adjust the spacing of the tray handles (1) Fig. 24 to the spacing of the tray sockets (2) located in the armrests, loosen the screws (5), which can be found on the tray handles under the tray top. Join or draw the handles apart adjusting them to the spacing of the sockets and tighten the tray handles screws.

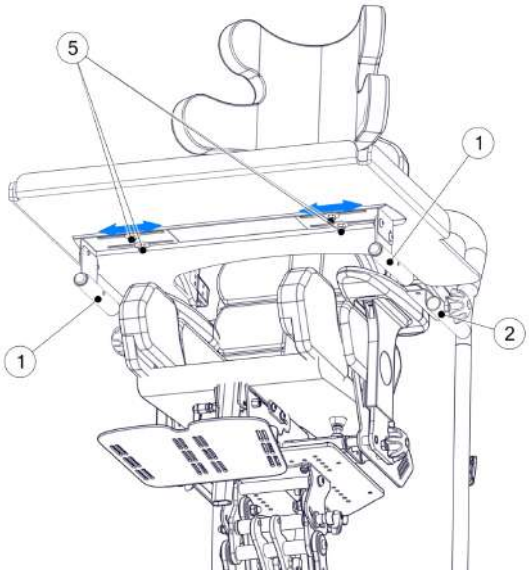


Fig. 24

12.3.2 Tray Assembly

To fit the tray onto the unit Fig. 25, unscrew the locking knobs (3) and slide the tray handles (1) into the sockets, located under the armrests (2). Once the tray is inserted to the correct depth, tighten the locking knobs (3).

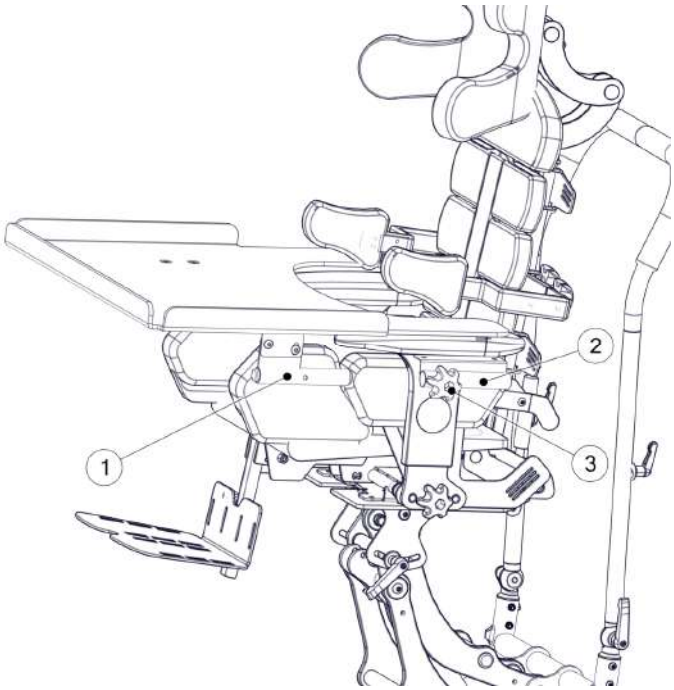


Fig. 25

12.3.3 Tray Tilt Angle Adjustment

The tilt angle of the top Fig. 26 is adjusted by loosening the screws (4), located above the tray handles (1), below the top. Once the desired tilt angle is achieved, tighten the screws (4).

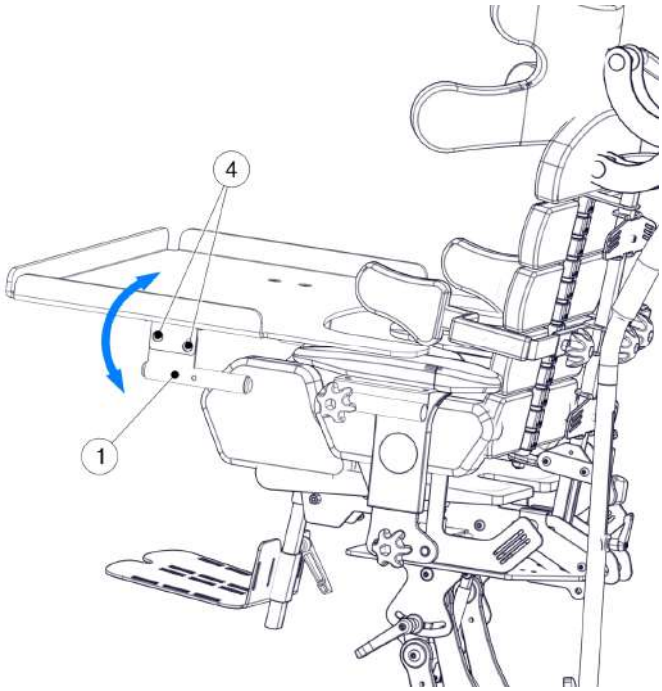


Fig. 26

12.4 Separate Footplates

Attention! The accessory has not been dynamically tested to ISO7176-19:2008 and therefore cannot be used during transport in vehicles with a patient in a device. Failure to do so in the event of a road traffic incident could result in serious injury to the patient.

In order to adjust the proper height of the foot platform Fig. 27 loosen both knobs (1), slide the platforms to the desired height and tighten the knobs (1). They operate independently from each other, making it possible to adjust the platform height asymmetrically. In order to set the proper angle of the foot platform loosen the angle knob (2), set the desired angle and tighten the knob.

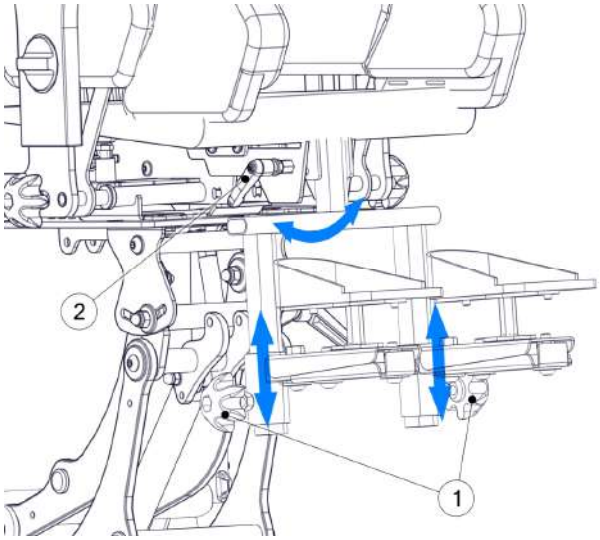


Fig. 27

In order to set the precise position of each platform Fig. 28 loosen the screws (3), set the proper position and tighten the screws (3). This adjustment enables to set the angle, tilt and position of each platform independently.

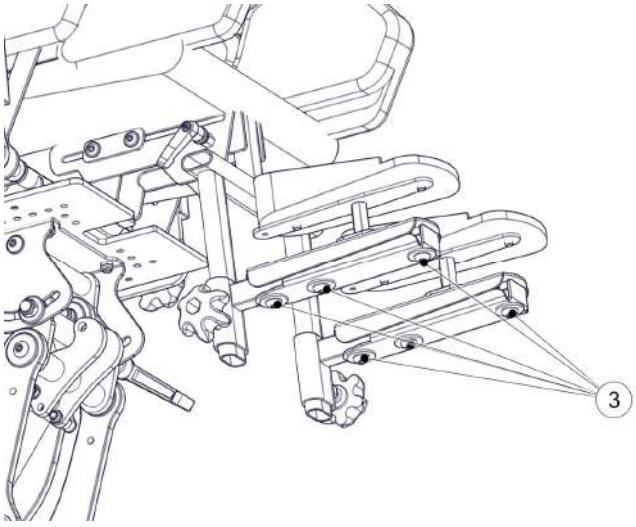


Fig. 28

12.5 Spine interlock adjustment

Attention! The accessory has not been dynamically tested to ISO7176-19:2008 and therefore cannot be used during transport in vehicles with a patient in a device. Failure to do so in the event of a road traffic incident could result in serious injury to the patient.

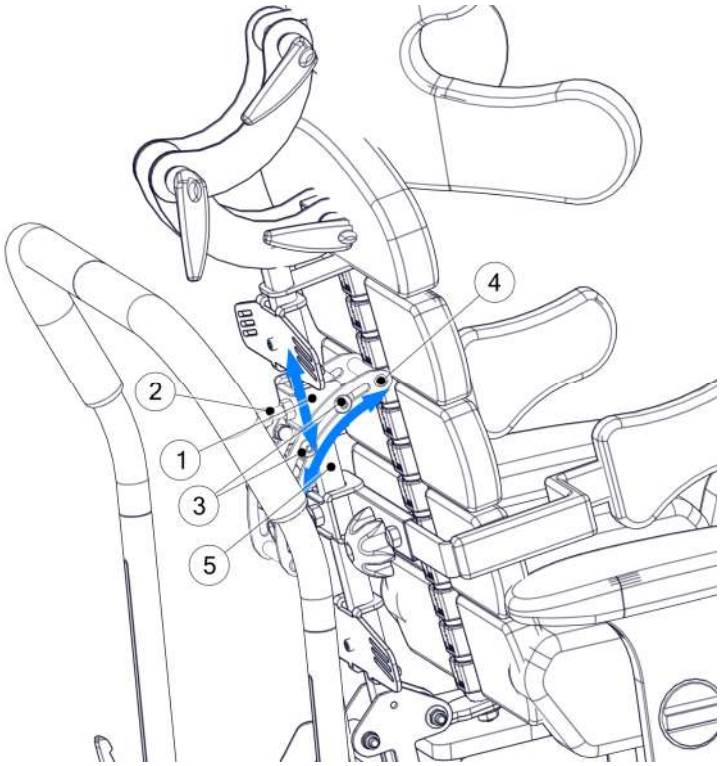


Fig. 29

The spine interlock is a mechanical support, that prevents spine movement in the event of being subject to a large force or impact.

In order to set up the spine lock:

- Loosen the adjustment screw (2).
- Set the lock 1 to the desired position along the backrest profile (5).
- Loosen the two carriage screws (3) located on the left and right side.
- Set the bumper lock (4) such that it lies on the spine.
- In the event, whereby the bumper does not want to move, make sure that screws (3) are loose.
- Lock the interlock by tightening screws (3).

12.6 Seat interchangeable system – polyamide trapezoid

Attention! After mounting the elements of the seat interchangeable system on the seat platform frame, check if all bolts and nuts are tightened. Elements which are not tightened may cause the interchangeable system to detach itself and this may result in injuring the patient.

Attention! The accessory has not been dynamically tested to ISO7176-19:2008 and therefore cannot be used during transport in vehicles with a patient in a device. Failure to do so in the event of a road traffic incident could result in serious injury to the patient.

Baffin neoSIT HL can be equipped with a fast seat interchangeable system Fig. 30. To mount the system, fit the bottom part of the system (1) on to the seat platform (3) using the joining elements (4). Top part (2) of the system is fitted directly on the seat. Using the polyamide trapezoid will result in raising the seat height by approximately 1.5 cm.

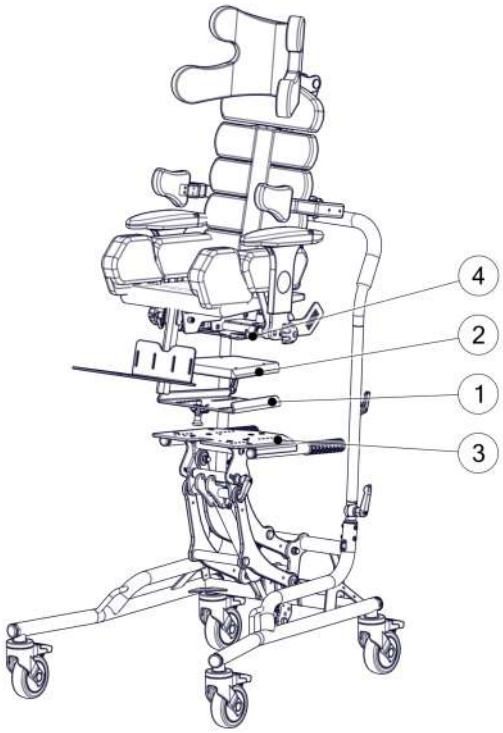


Fig. 30

Fitting the seat using the polyamide trapezoid show in Fig. 31

- place the seat with the fitted trapezoid over the interchangeable system,
- slide the seat into the interchangeable system according to the blue arrow till it stops. You will hear a spontaneous lock of the seat on the base,
- check the system lock by pulling the seat in the direction opposite to the blue arrow.

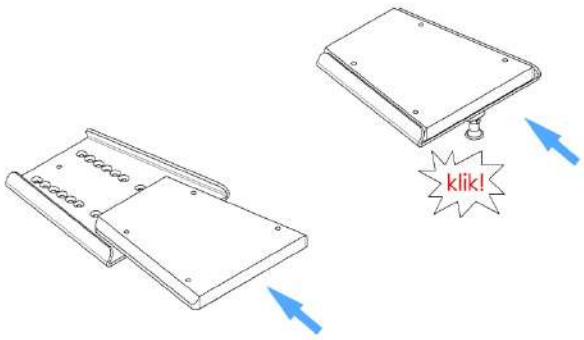


Fig. 31

Removing the seat using the polyamide trapezoid is shown in Fig. 32

- pull the release handle marked with the red arrow in the direction of the blue arrow,
- hold the handle and push the seat while sliding it out of the base of the interchangeable system (1),
- lift and remove the seat together with the trapezoid element (2) from the base of the interchangeable system.

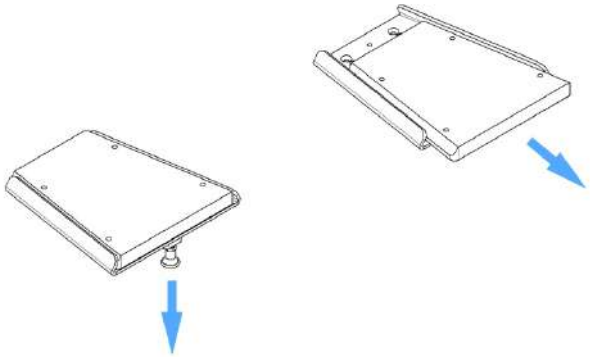


Fig. 32

13 Patient transportation

ATTENTION! The **Baffin neoSIT HL orthopaedic seat with the frame version OutDoor equipped with transport handles** has passed the dynamic test according to ISO 7176-19:2008. Other frame versions of the Baffin neoSIT HL have not been tested and may not ensure safe transport of the patient in vehicles..

ATTENTION! The maximum weight of a patient transported on the Baffin neoSIT HL orthopaedic seat as a car seat is 60 kg

ATTENTION! If any of the following points are ignored in the event of a road traffic incident, the seat passenger may suffer serious injury or death.

ENG

ATTENTION! Even if the Baffin neoSIT HL orthopaedic seat is used properly when transporting a passenger in a car, safety systems can only minimize the risk of injury in a traffic accident.

ATTENTION! The security of the passenger of the Baffin neoSIT HL orthopaedic seat depends to a very large extent on the person in charge of the transport and fixing of the device. Particular attention needs to be paid to whether the person was trained in the principles and provisions regarding fixing devices in vehicles and whether they comply with such principles.

ATTENTION! Any modifications of the Baffin neoSIT HL orthopaedic seat, and in particular of its transport handles, are prohibited.

ATTENTION! A road accident involving the Baffin neoSIT HL orthopaedic seat may damage the structure of the device. Before further use, the device should be subject to inspection at the manufacturer's service centre.

ATTENTION! The Baffin neoSIT HL orthopaedic seat installed in a vehicle adapted to the transport of disabled persons does not ensure the same level of security as the seats permanently fixed in the vehicle. If the patient's condition allows to carry them to the car seats, such solution is recommended.

ATTENTION! Some accessories must be removed for transport. Use of unapproved accessories during transport may result in risk of injury during a traffic incident

If a patient has to be transported in the Baffin neoSIT HL orthopaedic seat in a vehicle, the following points should be followed:

a) The car must be adapted to the transport of device-bound passengers. The vehicle must be equipped with special fixing points.
b) The appropriate amount of free space around the user of the device should be ensured: at least 650 mm in the front and at least 400 mm at the back.
c) The device must be installed in a forward-facing position, in accordance with the instructions for the 4-point fixing system provided by the manufacturer of that system. The fixing system must meet the requirements of the standards ISO 10542 or SAE J2249.
d) The four-point belts fixing the device to the structure of the vehicle should be clasped as tightly as possible and locked in accordance with the instruction of the manufacturer of the belts.
e) The Baffin neoSIT HL in combination with OutDoor frame equipped with transport handles is suitable for use in vehicles and meets the requirements regarding the performance characteristics for the transport of a forward-facing device in a head-on collision. Its use in other configurations in a vehicle has not been tested.

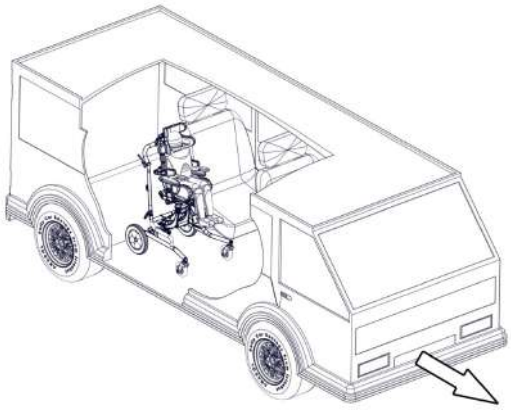


Fig. 33

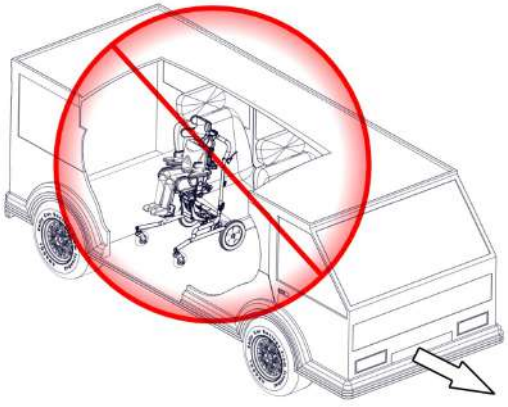


Fig. 34

f) A chest belt and a hip belt should be used in order to reduce the risk of hitting the elements of the vehicle with the head and the chest.

g) The hip belt should be set across the front part of the pelvis so that the angle of the lap belt fits within the preferred 30O-75O zone with regard to the level of Fig. 35

h) If possible, it is recommended that the hip belt be set at the highest possible angle with regard to the floor.

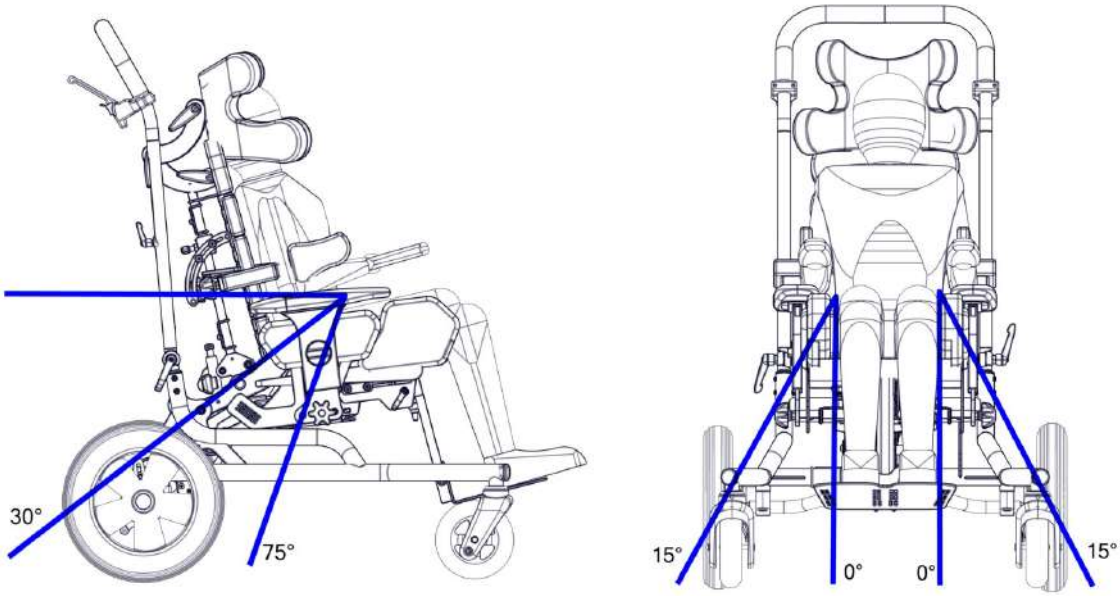


Fig. 35

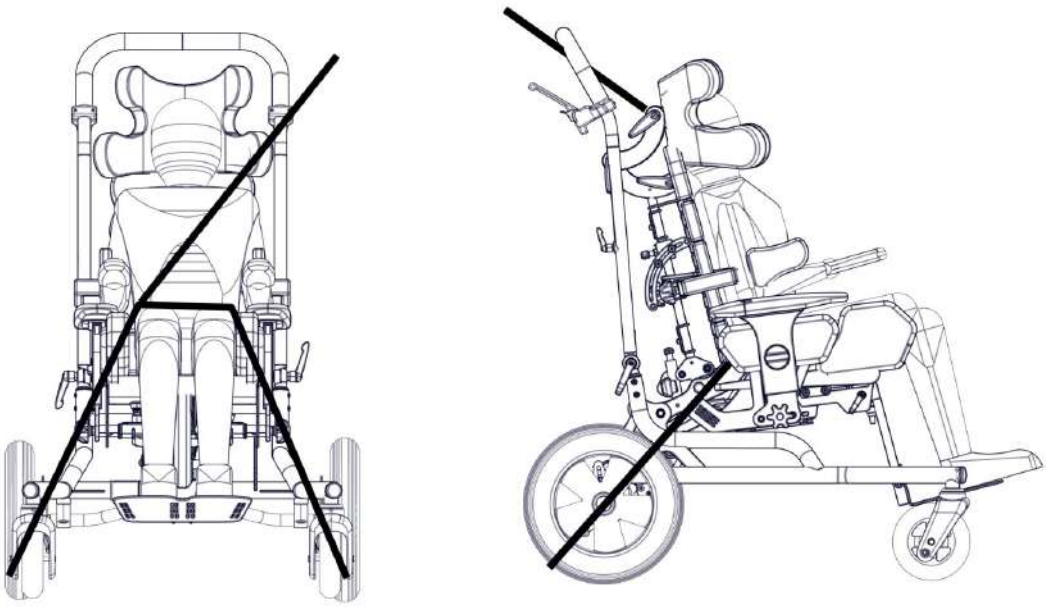


Fig. 36

ATTENTION! The length of the hip belt should be in close touch through the front of the body close to the hip joints

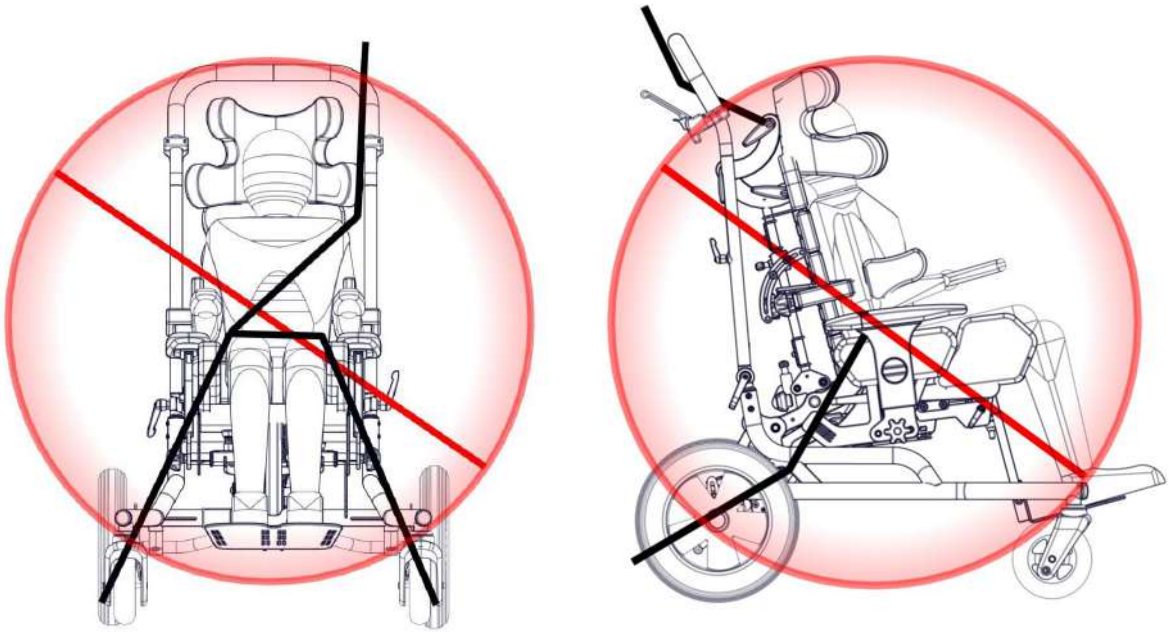


Fig. 37

ATTENTION! The length of the hip belt and of the chest belt should not be kept away from the body by elements or parts of the device such as armrests or wheels.

i) The length of the hip belt and of the chest belt should not be kept away from the body by elements or parts of the device such as armrests or wheels Fig. 37.

j) The length of the chest belt should run above the arm and across the chest Fig. 38.

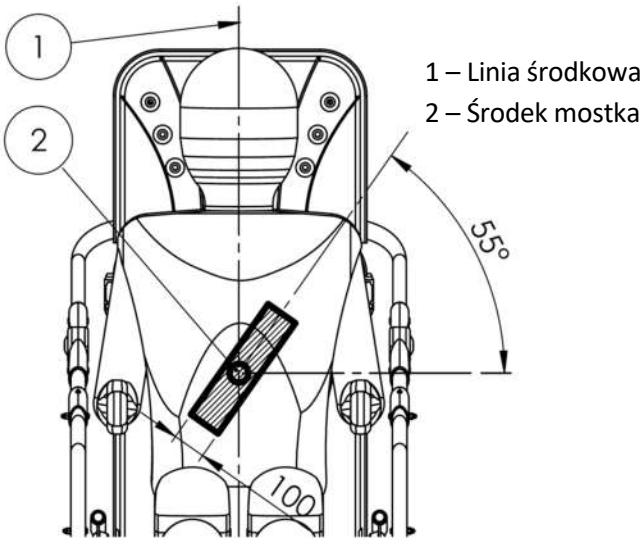


Fig. 38

k) The hip belt and the chest belt should be adjusted as tightly as possible, however, in a manner comfortable for the user.
l) The hip belt and the chest belt should not be twisted while in use.
m) The backrest of the seat should be set in a diagonal position and the tilt of the seat - horizontal position.
n) The device should be secured with a parking brake.
o) The device's accessories such as: tray, legs abduction belts and pelvic belts, canopy, roll bar, under-arm side supports must be dismantled. The accessories should be secured in the vehicle during the drive to prevent their dislocation and causing harm to the users of the car in case of a collision.
p) Use the vest supplied with the seat to stabilise the patient's position on the seat.

ATTENTION! The seat vest does not secure the patient during a traffic incident. Fastening the passenger into the seat vet only serves to stabilise the patient in the device.

q) The fixing points for the device are located as follows Fig. 39.

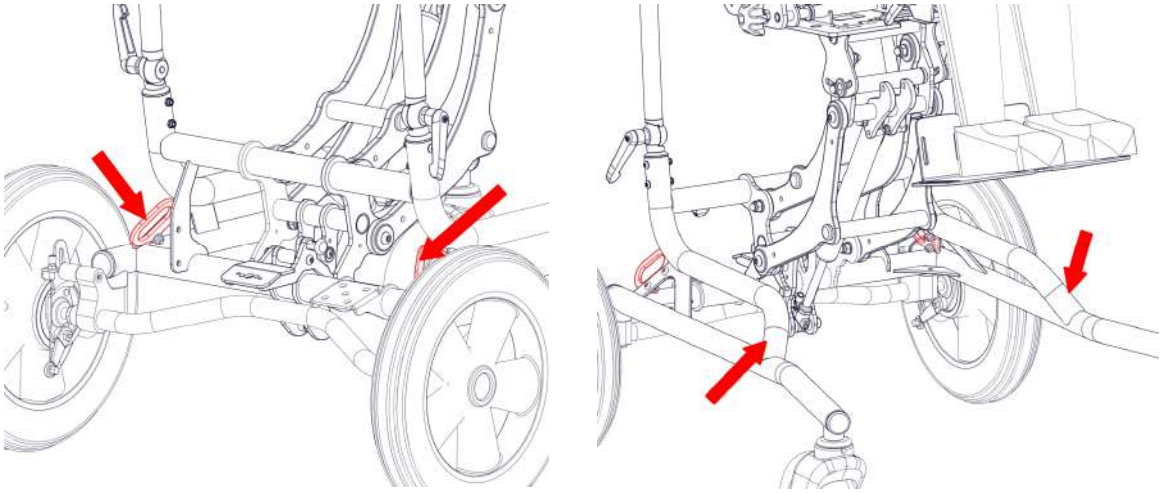


Fig. 39

r) The fixing points are additionally marked with the label:



Fig. 40

s) The device should not be fixed to additional elements or accessories, e.g. spoke, foot rest, pushing handle etc.

14 Spare parts and consumables

The manufacturer does not anticipate the need for the user to replace the device's consumable components. Repair or replacement should be carried out by the authorized dealer or the manufacturer's service center.

15 Problem solving.

If the rear wheels do not turn, check to see if the parking brake is stuck.

If the front swivel wheels do not turn when turning, check whether the steering lock is not blocked.

If a device with swivel wheels has problems moving, check whether the wheels are not blocked by intermediate elements or whether the parking brake mechanism is not blocked.

If the angle of the backrest cannot be changed, check the operation of the positioner release.

If the seat angle cannot be changed, check that the gas spring release is working correctly.

If the seat height cannot be changed check that the spring release is not blocked and check the tension of the release cable.

16 Cleaning and maintenance

The Baffin neoSIT HL is a mechanical device with a construction made of aluminium and steel with a non-irritating powder coating. Foam and sponge pads are attached to the metal structure of the device. The foams are covered with covers made of textile materials. The offered upholstery is made of breathable fabric. The fabric used conforms to the Oeko-Tex Standard100 standard confirming complete safety for use also by children.

The Baffin neoSIT HL, like any medical device, should be kept clean and used in accordance with the manufacturer's recommendations.

16.1 Cleaning recommendations:

Cleaning should be carried out when the appliance is dirty. The appliance should be cleaned at such a frequency that upholstered parts, the frame and other parts of the appliance are not a health hazard.

- Paint finishes and plastic parts should be cleaned with a cloth moistened with water. The use of mild cleaning agents is permitted. Vacuum mechanically or with a soft bristle brush.
- Take systematic care of the frame, remove dirt and mud especially from moving parts.
- Do not use aggressive cleaning agents. Possible corrosion, damage to paintwork or destruction of foam and sponges.

- Do not wash the seat upholstery in the washing machine and other upholstery parts without removing the sponge inserts.

Tips for washing 3D breathable fabric upholstery:

- Remove the foam inserts from the covers before washing.
- The covers should be washed by hand or in a washing machine (drum machine) at 40° C.
- For children prone to allergies, use grey soap or special detergents.
- To remove excess water - use a short spin cycle, do not wring.
- Drying - hang to dry at room temperature. DO NOT TUMBLE DRY.



ATTENTION! Do not wash the foam inserts.



ATTENTION! Before using the device again, the upholstery and foam and sponge inserts should be dry.



ATTENTION! When washing upholstery covers, pay special attention to the Velcro fasteners. To avoid damage to the upholstery, make sure that the Velcro fasteners are fastened during washing and do not come into contact with the surface of the upholstery. Do not wash with foam inserts. Wash only the upholstery itself.



ATTENTION! The device should be serviced at least once a year (every 12 months) by a qualified service technician. During maintenance, a safety inspection of the device should be carried out - the condition of movable connections, latch mechanisms and adjustments should be checked. Periodic inspection of the device ensures long-term and trouble-free operation.

Foam and sponge insert:

- To be vacuumed mechanically or with a soft bristle brush..
- Cleaning with a cloth dampened with water and a mild chemical is permissible. Dry the insert thoroughly at room temperature afterwards.

16.2 Disinfection

If the device is used by different people (for example, in a rehabilitation center), disinfectants should be used. For manual disinfection of the product's metal and plastic components, INCIDIN PLUS at a concentration of 0.25% to 0.5% or a similar disinfectant is recommended.

Follow the disinfectant application instructions provided by the manufacturer.

16.3 Maintenance recommendations

The Baffin neoSIT HL should be subjected to the regular inspections and maintenance tasks listed in the table below to ensure long-term, trouble-free operation. If the user is unable to perform the following activities on his/her own, he/she should seek assistance from a specialized medical equipment service center or contact the manufacturer's service directly. These activities are not covered by the current warranty and are performed for a fee.

Activity	Daily	Weekly	Monthly
Checking the correct operation of the wheel brakes	X		
Checking the wheel mounting	X		
Checking the attachment of the vest, belts	X		
Checking the condition of the seat upholstery	X		
Visual inspection of structural elements (damage, cracks)	X		
Checking the correct operation of all device's mechanisms		X	
Checking the screw connections (elimination of possible slack)		X	
Checking the attachment of the footrest		X	
Visual inspection of the wear of wheel components			X
Checking the correct operation of the tilt adjustment mechanism			X
Checking the correct operation of the back angle adjustment mechanism			X
Checking the correct operation of the seat height adjustment mechanism			X
General cleaning of the device			X

17 Disposal of the product

If the user abandons further use of the product, he is obligated to dispose of the product in accordance with environmental regulations. He is obliged to disinfect it, as a product that is not disinfected in accordance with applicable environmental regulations is hazardous waste.

The user may liquidate the product:

- Have a company that has the required permits to receive the equipment for disposal.
- If the product is scrapped, the plastic and metal components used should be disposed of separately, in accordance with the requirements.
- If you have any questions, please contact local authorities, waste disposal companies or our service.

18 Conditions of use, storage and transport

For the necessary dimensions and weights of the appliance for handling and transport, please refer to the technical data section.

Do not transport persons in the appliance in motor vehicles such as cars, ships, aircraft.

Carriage of persons in the appliance may only occur if the means of transport is designed to carry disabled persons in wheelchairs in the manner specified by the carrier and/or with the attachments provided in the product.

Transport, handling and storage should preferably be carried out on an empty folded product so that no damage is caused to the product, to third parties or to the transporting vehicle.

For how to fold the product and how to remove the seat if necessary, please refer to the section on use and adjustment.

ATTENTION! During use, the product may change the temperature of the patient/user contact surface depending on the external heat sources to which it has been exposed (e.g. sunlight). Ensure that the device is at a safe temperature for use, i.e. the carer should check that the temperature of the device is not too high before the user has any contact with the device.

Two people are required to move the Baffin neoSIT HL. The device should be grasped by the frame with both hands, lifted upwards evenly and then moved to the target location as shown in Fig. 41

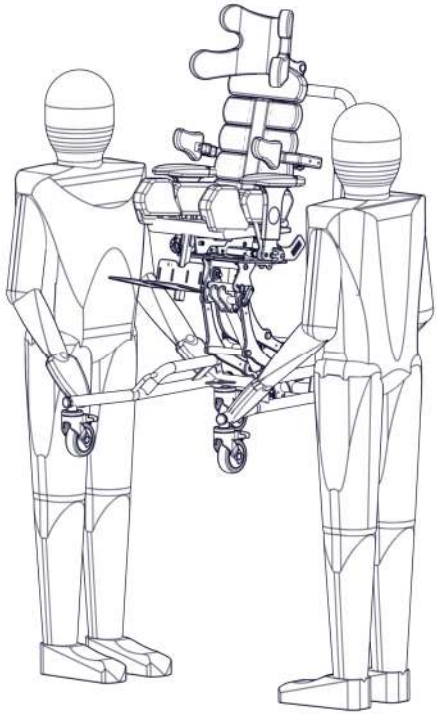


Fig. 41

ATTENTION! It is not permitted to carry the Baffin neoSIT HL device while the patient is using the device.

ATTENTION! When moving the device, pay particular attention to the possibility of hands being cut by moving parts.

ATTENTION! The device is not waterproof. Do not allow the device to come into direct contact with water. Do not expose the device to direct contact with the weather.

The manufacturer does not provide for repacking the product except for service cases. The device should be packed in such a way that additional damage to the product does not occur during transport.

ATTENTION!

The device can be stored/transported and used at temperatures between -20°C and +40°C and relative humidity between 10% and 90%; however, it is recommended that the device be stored/transported at room temperature and humidity.

If the device has been stored/transported in a high ambient temperature and has been exposed to direct sunlight, ensure that the device is at a safe operating temperature, i.e. the caregiver should check that the temperature of the device is not too high before the user has any contact with the device.

19 Warranty/Service

If you notice any faults or damage, stop using the device immediately and contact the seller or manufacturer. The damaged device must be protected from the expansion of the damaged area. Do not attempt to repair the device yourself. Do not replace the original parts of the device with parts made by yourself or from a source other than recommended by the manufacturer.

- If the user decides not to use the device any longer, he or she is obliged to dispose of it in accordance with environmental protection regulations.
- The manufacturer specifies the product's lifespan as 5 years. After this period, the device should be subjected to a manufacturer's inspection, which will determine whether the device is suitable for further use.
- Post-warranty service of the device is performed by the manufacturer.

Service contact details:
LIW Care Technology Sp. z o.o.
ul. Golfowa 7
94-406 Łódź, Poland
www.liwcare.pl
e-mail: reklamacje@liwcare.pl
tel. : +48 42 212 35 18

- Current address details are available on the website www.liwcare.pl
- The warranty terms are specified in the warranty.



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