

INSTRUCTION



VERTICO

Hospital Bed with Verticalization
for Standard Care



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1 INTRODUCTION

These Instructions are intended for the beds of: **VERTICO**



The user must read these Instructions for Use before the first bed manipulation.
The user is obligated to operate the bed according to these Instructions for Use.
Actions performed at variance with the Instructions for Use may cause damage to the bed, bodily harm of a patient, operator or third party. In such case, the manufacturer waives responsibility for damage caused!
The Instructions for Use must be available for the whole service life of the bed!
The manufacturer reserves the right to change the contents of these Instructions for Use related to the technical parameters and adjustments of the bed!

Application environment for the beds of **VERTICO** types:

- long-term care in the medical facility where health supervision is required and, if necessary, monitoring is carried out and medical electrical devices may be used to assist in medical procedures to maintain or improve the patient's condition.
- care provided in residential premises where medical electrical devices are used to mitigate or compensate injury, disablement or illness.



The bed is intended for the handling of a lying person!
The bed must never be used to lift materials, loads or other persons.
The bed must not be positioned or lifted to the positions which, with regard to the patient's condition, could cause bodily harm or could endanger the patient's life!
The bed may be operated by a medical staff who has been thoroughly familiarised with these Instructions for Use.
The partial function of the bed may be used by the patient instructed by health care staff!
The bed must not be operated by persons under 12 years of age without the supervision of an adult!
If the bed is not used, it must remain in the basic position (i.e. the bearing area and all the adjustable parts are in the lowest possible position)!
If the patient is not under supervision, the bed must be kept in the lowest position in order to reduce the risk of injury due to falling off!
The pictures used further in the Instructions for Use are illustrative and do not necessarily match the purchased bed!

The manufacturer is authorised to manufacture the products of this type on the basis of the "Permission to Manufacture and Distribute Medical Devices" granted by the Ministry of Health of the Czech Republic Ref. No. FAR-742-25.4.1995 733/8.

The manufacturer operates according to certified quality management systems in accordance with the following standards:

ČSN EN ISO 9001:2016
 ČSN EN ISO 13485 ed.2:2016
 ČSN EN ISO 14001:2016

The bed complies with international standards:

ČSN EN 60601-1
 ČSN EN 60601-1-2
 ČSN EN 60601-2-52
 ČSN EN 60601-1-6
 ČSN EN ISO 14971
 ČSN EN 1041
 ČSN EN ISO 15223-1

2 METHOD OF DELIVERY

The bed is delivered assembled and ready for use. The accessories are supplied separately with the necessary fastening material to be attached to the bed. Upon delivery, the entire content of the delivery must be checked according to the delivery note.



Any defects, damage or deficiencies must be immediately notified in writing to the carrier and the manufacturer!
Check the completeness of the delivery and its condition according to the delivery note. Record any deficiencies in the delivery or transport note and hand them over to the seller in writing!

3 SAFETY INSTRUCTIONS

- ⚠ **Before using the bed, it is necessary to familiarize yourself with the Instructions for Use and carry out the operation only in accordance with them!**
- ⚠ **The bed may only be operated by the persons who are familiar with the Instructions for Use in detail!**
- ⚠ **The bed must not be used, if it is not in perfect condition, especially if there were found the defects that could harm a patient, operating personnel, the bed itself, etc.!**
- ⚠ **Use the bed only in the interior and on flat floors!**
- ⚠ **The bed must not be overloaded!**
- ⚠ **The bed is intended for one patient only!**
- ⚠ **The bed may only be used with an electric socket for which it is intended!**
- ⚠ **When a patient remains unsupervised by health care personnel, set the bed to the lowest position!**
- ⚠ **According to the decision of the health care professional, partial bed functions may be used by the patient after thorough training by the health care professional!**
- ⚠ **The bed must always be properly braked apart from its transport. Medical staff must always make sure that the bed is braked before use. If the bed is not braked, there may exist an increased risk of injury, especially when standing from a sitting position, seating on the bed or leaning against it!**
- ⚠ **Bed transport is only possible with properly lifted and secured siderails to increase patient safety!**
- ⚠ **Before handling the siderails, make sure that there is no risk of injury to the patient or damage to other objects due to squeezing in the moving parts or falling out of the bed!**
- ⚠ **When adjusting the bearing area height, there must be no objects between the bed frame and the chassis (floor) – they could be damaged or the operator or a third party may be injured!**
- ⚠ **When adjusting the back part, there must not be any objects between the bed frame, the bedhead and the back part – they could be damaged or the patient, the operator or a third party may be injured!**
- ⚠ **Adjustment to the special verticalization position may only be carried out by healthcare professionals!**
- ⚠ **Before adjusting to the vertical position, insert the bedding rack into the basic position under the bed!**
- ⚠ **The network cable must always be routed in such a way to avoid its damage due to winding around the moving parts or pressing between them – there is a serious risk of electric shock due to damage!**
- ⚠ **The bed must not be positioned to the vertical position, if the accessories are installed on it (trapeze bar, infusion stand, etc.), there may be an increased risk of their falling out!**
- ⚠ **Service interventions must only be performed by a service centre authorized by the manufacturer using original spare parts!**
- ⚠ **Risk of injury to a patient, operator, third party or damage to the surrounding equipment may arise mainly from:**
 - **unauthorized use,**
 - **a careless procedure when adjusting the back or foot part position,**
 - **a careless procedure, when adjusting the height of the bearing area,**
 - **adjusting the bed with the patient to special positions – especially verticalization,**
 - **operating the bed on the surface for which it is not intended,**
 - **maintenance in an unauthorised manner or by an unauthorised person,**
 - **careless height adjustment of the bearing area,**
 - **when using a special mattress designated for achieving a prophylactic or therapeutic effect!**



The bed is powered from the electrical network and can therefore interfere with extremely sensitive devices. During the development of the bed, the utmost was done to minimize the risk of adverse electromagnetic influences. The bed is manufactured in full compliance with harmonised standard EN 60601-1-2. When using the bed in full compliance with the Instructions for Use, you can avoid any problems!

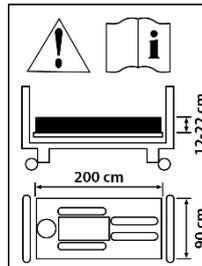
4 CONDITIONS OF USE

- ⚠ The bed may only be used in the interior with the ambient temperature ranging between +10°C and +40°C, the relative humidity between 30% and 75% and the atmospheric pressure between 700 hPa and 1060 hPa.
- ⚠ The bed is not intended for wet and explosive environments.

5 TECHNICAL PARAMETERS

All beds are made of quality steel profiles, which are subsequently surface-treated with baking varnishes, zinc or chromium layer. The beds are also supplemented with metallic, plastic or wooden sheathing in various designs and types. In addition, beds may differ by the level of equipment.

Bearing area length	200 cm
Bearing area width	90 cm
Outside dimensions	102 x 215 cm
Bearing area height	46 - 86 cm
Mattress thickness when used under standard conditions	14 cm
Minimum mattress thickness recommended	12 cm
Maximum mattress thickness recommended	22 cm
Recommended mattress size	90 x 200 cm



Weight	195 kg
Safe operating load of the bed	200 kg
Maximum patient's weight	165 kg

The bed is intended for application environment 3

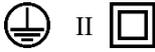


Max. angles of adjustable parts:	
back	73°
thigh	40°
calf	25°
TR/ATR angle	- / 78°
Length of the bearing area parts	
Back part	70 cm
Pelvic part	23 cm
Thigh part	36 cm
Calf part	46 cm



Where a specific mattress is used to achieve a prophylactic or therapeutic effect, it is possible to use the mattresses up to the height of 26 cm. In this case, there may be an increased risk of the patient falling out of the bed. Pay special attention when positioning the bed to special positions!
 In case of the beds intended for emergency care provided in a hospital or other healthcare facility where health supervision and monitoring are required and where medical electrical devices are often used to maintain or improve the patient's condition, due to the higher weight of accessories the patient's maximum weight is reduced to 135 kg!

Parameters of electrical parts used on the bed, Onimed

Operating voltage	230 V
Supply frequency	50/60 Hz
Maximum input	350 W
Protection class	
Applied part	B type 
Protection	minimum IPS4
Motor load	10%, 2 min. max. load/18min. At rest
Nominal value of fuse	5 A
Weighted noise power level	48 dB measured according to ISO 3746, not loaded

6 BED LOCATION

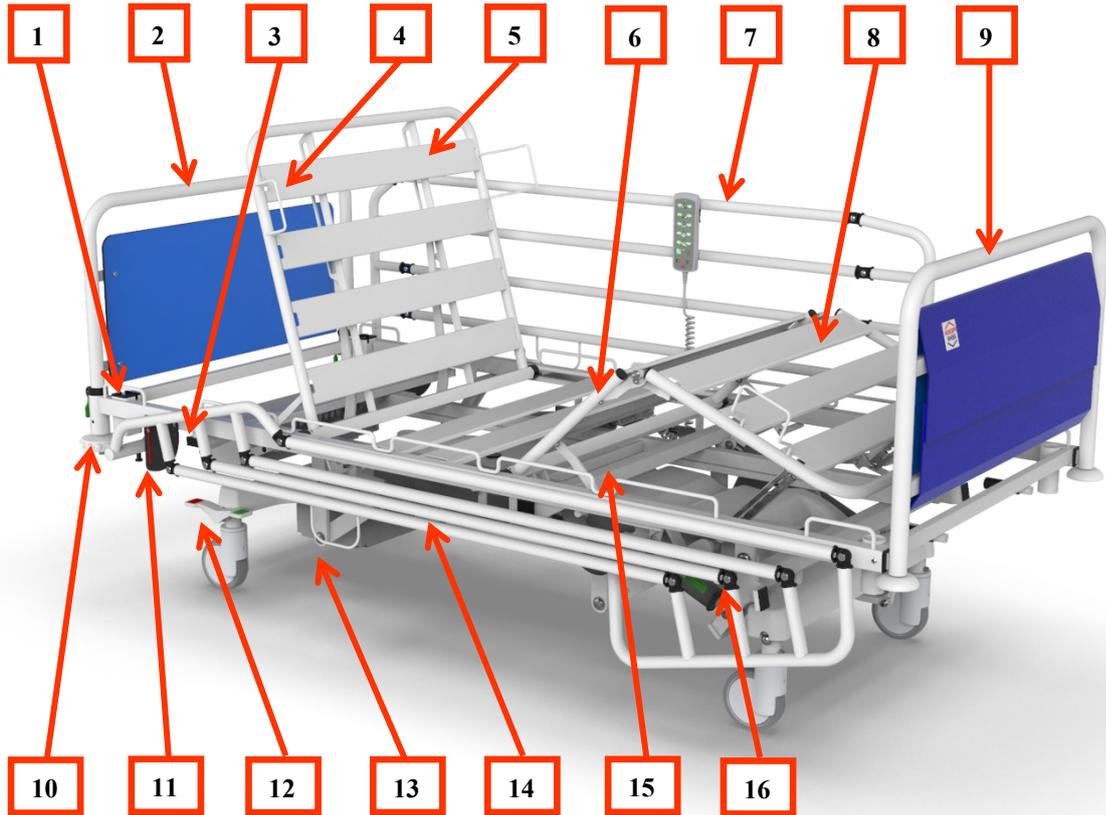
The bed must be placed in such a way to maintain at least 10 cm free space around it on each side and at least 20 cm from the wall or surrounding objects on the side of the headboard. Furthermore, make sure that no items, such as shelves, televisions, etc., are placed above the bed, which could be released or pulled down by the bed when adjusting its position or lifting it and it could therefore result in the injury to the operator or the patient! If the bed is equipped with accessories (e.g. trapeze bar, infusion stand, extension kit, etc.), the operator controlling the bed must ensure that none of the parts of the bed or accessories touches, leans against or otherwise contacts with the ceiling, niches or other fixed or removable objects placed on the walls or dropped ceilings, such as shelves, lamps, etc. If there is not enough space for such handling, remove the accessories or place the bed on another place, so that it does not come into contact with other objects.

If the bed is equipped with tilting of the bearing area to the vertical position, it must always be located to avoid the collision with the surrounding objects in any of these positions. No accessories may be installed when using these positions. The trapeze bar with a small vertical bar or the infusion stand of the above-mentioned extreme positions exceed the contour of the bed. They could cause damage to the surrounding objects or injury to a third party!



- Always place the bed in such a way that there is at least 5 cm free space on each side of it. When adjusting the bearing area height, it may be deflected. If the bed is placed close to the surrounding objects (walls), it could be damaged, or it could damage the surrounding things or cause bodily harm of the patient, the operator or a third party!**
- If the bed is equipped with the verticalization function, place it always in such a way that it does not collide with the surrounding objects in both extreme positions!**
- If the bed is fitted with the accessories (trapeze bar with a small vertical bar, an infusion stand, etc.), observe the accessories trajectory each time the bed is adjusted!**
- Before the bearing area verticalization, always remove the accessories, otherwise they may fall out!**

7 BED DESCRIPTION



- | | |
|-------------------------------|---------------------------------------------|
| 1) Universal accessory holder | 9) Footboard |
| 2) Headboard | 10) Impact wheel |
| 3) CPR – pulling pin | 11) Angle gauge of the bearing area tilting |
| 4) Mattress holder | 12) Central brake control |
| 5) Back part | 13) Hand controller holder |
| 6) Thigh part | 14) Patient hand controller |
| 7) Tilttable siderail | 15) Multi-zone lugs of safety belts |
| 8) Calf part | 16) Tilttable siderail control |

8 INSTALLATION AND COMMISSIONING OF THE BED

This chapter lists the basic tasks that must be fully performed before the bed is put into operation for the first time!

- **Consult Instructions for Use thoroughly.**
- **Remove all packaging material from the bed and dispose of it in an environmentally friendly way**
- **Check the completeness of the delivery and its condition according to the delivery note. Record any deficiencies in the copy of the delivery or transport note and send them in writing to the manufacturer or dealer.**
- **Leave the bed to adapt to the ambient temperature**

If the bed is free from all packaging and fixation elements, leave it for at least two hours without mattress and bedding in the room where it will be used. This step is essential for adapting the temperatures of the individual parts of the bed to the environment in which it will be used. If vapours are condensed on the bed structure, leave the bed at rest until the last traces of condensate disappear from its structure.

- **While the temperature is balancing, read the COMPLETE Instructions for Use thoroughly.**
- **Never perform the performance test before studying the entire Instructions for Use.**
- **If the accessories are included in the delivery, install them according to the Instructions for Use.**
- **Test the functionality of the individual parts of the bed according to the Instructions for Use**

WARNING! The power supply cable of the bed propulsion must not be connected to two-way adaptors, similar splitters, extension cables with one or more sockets, which are not approved for use in the country and which do not have approved input power of the appliance at least 1000 W. None of the power supply cables may be conducted in such a way that they are squeezed, broken or otherwise damaged when the bed and its parts are moving!

Insert the power supply cable plug into the 230 V/50-60 Hz power network socket. After insertion, the bed must not emit any sound and must not move spontaneously. If that happens, immediately disconnect the power supply cable of the bed from the power supply and contact an authorized service or supplier. When the plug is inserted into the network socket, the backup battery of the bed starts to charge automatically. On the nurse panel display or patient controller, the LED diode indicating the connection of the bed to the power network goes on as well as the pictogram indicating the charging of the backup battery. If the bed was out of service for a long time before being connected to the network and the backup battery is completely discharged, let the bed fully charge. Fully discharged backup batteries may not allow full parallel positioning of all parts of the bed, and if the backup battery is very low, joint motion of multiple motors may be phased into the sequence of partial movements.

If the backup battery is charged, use the patient controller and gradually test the adjustment of all bed parts positions as described in these Instructions below. If the movable parts of the bed do not start to move within five seconds, or if you hear that the bed motors work excessively, stop positioning and disconnect the bed power supply cable from the power supply. Check, if there is no packaging material left on the bed that could cause non-standard behaviour or if the nurse panel or some of its functions are not locked. If necessary, unlock these functions, see Chapter 10.2, Manual Patient Controller. If no cause of malfunction is found on the bed, contact the authorised service centre or manufacturer. If the bed is not working properly repeatedly, contact the service centre. If the initial test of positioning takes place without any problems, you can start using the bed.

- **Keep the Instructions for Use safe**



In case of any malfunction, disconnect the bed from the electrical network and contact the manufacturer or supplier of the bed!

The manufacturer permits any major repairs and modifications to the bed in the authorised service centre or directly at the manufacturer only. Minor defects can be removed on site by an authorised service technician!

9 RELOCATION AND HANDLING

Before moving the bed itself, always adjust it to the basic position (i.e. all the adjustable parts are in the lowest possible position). **Set the height of the bearing area to the optimum position, but always not more than 20 cm below the maximum reachable height. When relocating and handling, the guards must always be secured in the upper position to reduce the risk of a patient fall.** Disconnect the power supply cable, hang it on the headboard and secure the fork to prevent the cable or fork moving or pinching during the transport of the bed. Similarly, secure the nurse controller to prevent it or its power supply cable from damaging. Make sure that the power supply cable or controller is not pulled over the ground. This could damage them, break them or damage the insulation. When reconnecting the bed, follow the Instructions for Use, especially observe the points listed in the chapter Installation and Commissioning of the Bed.



The bed can be moved in the basic position only (i.e. the bearing area and all the adjustable parts are in the lowest possible position)!

Set the height of the bearing area to the optimum position, but always not more than 20 cm below the maximum reachable height.

When relocating and handling, the guards must always be secured in the upper position to reduce the risk of a patient fall.

The bed may only be moved with a properly secured power supply cable and a controller against damage!

9.1 SWITCHING OFF - THE BED WITH THE PATIENT CONTROLLER

If necessary to switch off the bed during transfer or storage, it is possible to switch it to the transport/storage mode (off):

- **Disconnect the power supply cable of the bed from the electricity network (1)**
- **Activate the controller using the GO button (2)**
- **Press the GO and STOP buttons simultaneously and hold them for at least 5 seconds (3)** - the entire electronics will switch off and the controller will go out



The electronics can be switched on again by connecting the bed to the electricity network or by short pressing (<1 second) the reset button on the control box.

9.2 SWITCHING ON THE BED

You will switch the bed on by connecting the power supply cable to the network or by short pressing the RESET button on the control box.

10 BED OPERATION

10.1 ELECTRICAL CONTROL ELEMENTS – GENERAL OPERATING INSTRUCTIONS

The beds are equipped with reliable control units, controllers and motors that have low noise levels and do not place any demands on maintenance even after several years of operation. The bed may be equipped with multiple types of electronics based on the bed configuration.

Before positioning any part or the entire bearing area, make sure that the power supply cable, the nurse panel cable or the hand controller cable cannot be interrupted by a single movement. This may happen especially due to inappropriate cable pulling through the bed chassis!

Press the buttons in their centres with finger pads only. Otherwise it may result in simultaneous pressing of more buttons! In such case, the bed would start positioning in the direction of the first push-button pressed. Others are ignored!

When adjusting the positions of any parts of the bed, no foreign object or part of the human body may interfere with the working area of the moving parts of the bed. Furthermore, make sure that there is no object above the bed that could collide with the bed bearing area or its accessories during adjustment. It may cause damage to its parts and accessories, but especially bodily harm!

Never exert the force greater than 10 N on the buttons of the patient controller. These buttons are controlled by the finger pads of upper limbs. Excessive load, control by other parts of the human body or control by other objects may cause bodily harm, damage to the equipment or surrounding objects!



The maximum allowed time for the continuous operation of the motors is 2 minutes, then a break must follow for at least 18 minutes!

If the bed is not used, it must remain in the basic position (i.e. the bearing area and all the adjustable parts are in the lowest possible position)!

If the patient is not under supervision, the bed must be kept in the lowest position in order to reduce the risk of injury due to falling out of the bed!

During the bed positioning, the protection of the so-called collision states can be activated when it is no longer possible to adjust the bed in the given direction in which it is controlled, namely due to the risk of endangering the patient, the operator or damaging the bed. These positions are indicated by the bed stop and by a short acoustic signal. If you continue to hold the selected function, the safe movement will continue after 3 seconds to avoid the injury to the patient or operator and damage to the bed. Such states may occur, e.g. when going down from the vertical position. At first, the bed reaches the lowest horizontal position and then the bed can be adjusted to the height!



If any function of the bed does not work as required by the operator, always make sure first that the patient controller has been activated using the activation GO button. The adjustment failure can also be caused, for example, by the fact that the part you want to adjust is in the extreme position (maximum or minimum position) where it can be adjusted only in the opposite direction. Some functions of the patient controller might be locked against unauthorized use – unlock the functions according to the instructions in the PATIENT MANUAL CONTROLLER. If none of the above options is helpful, continue with Chapter 13. PROBLEMS AND TROUBLESHOOTING.

10.2 PATIENT HAND CONTROLLER



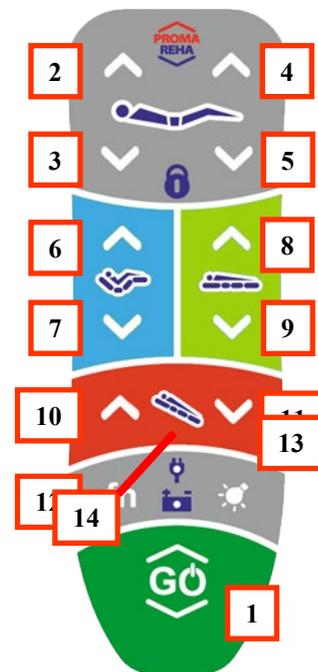
Before starting the first positioning, you are obliged to fully familiarize yourself with the general operating instructions of the electrical control elements in Chapter 10. The person not familiarized with the general operating instructions must not control the beds!

The beds may be equipped with patient hand controllers. If the bed is on, the lights on the controller are slightly illuminated. Follow the steps below to use the hand controller. Press the GO button (1) to activate the controller. The GO button goes on (1) and the illumination gets more intensive. Then press and hold the button of the required function until the positioned part reaches the required position. Then release the button, the part is automatically locked. If you reach the maximum position, positioning is stopped and further positioning is possible only in the opposite direction.

- **Press the GO (1) button to activate the controller** – the illumination of the controller goes on and is active for 15 seconds. 15 seconds after the last use of the controller, it deactivates itself! If the nurse panel is activated, it is not possible to activate the controller. Activate the controller only after the nurse panel goes out.
- **Position individual parts by pressing the relevant button upwards or downwards:**
 - 2,3) Back part
 - 4,5) Thigh part
 - 6,7) Auto contour – simultaneous positioning of the back and thigh parts
 - 8,9) Bearing area height
 - 10,11) Verticalization (Anti-Trendelenburg) – head up, legs down
 - 12) Indication of the battery status and connection to the electricity network

The controller is also equipped with the FN (12) button as an additional function at the customer's request and is used for lighting for a patient (13).

Pay increased attention to the adjustment of the bed position; in some positions, there may be an increased risk of the patient falling out of the bed.



If any of the buttons do not work correctly and do not adjust individual parts of the bed as required by the operator, always check first whether the controller was activated using the activation GO button, or whether the required function is not blocked by a lock on the nurse panel. The locked function is indicated by the red illumination of the given function. The part you want to position can also be in the limit position where it can only be positioned in the opposite direction. If none of the above options is helpful, continue with the chapter PROBLEMS and TROUBLESHOOTING.



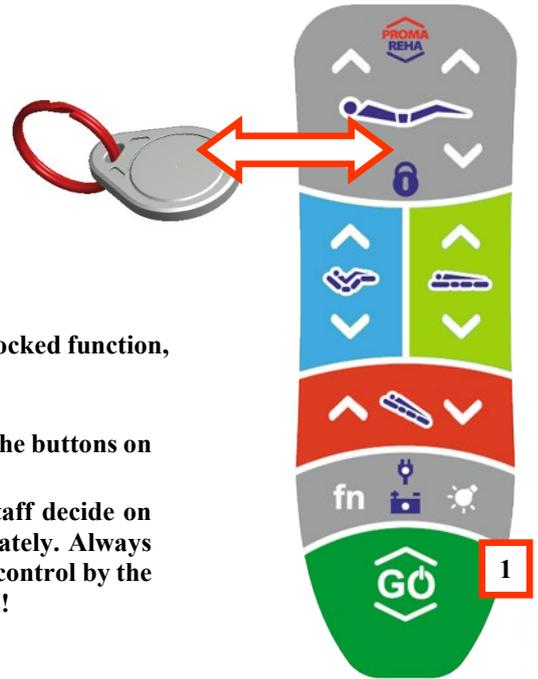
Adjusting the position to the special vertical positions is permitted for trained medical staff only. There may be an increased risk of the patient falling out of the bed!

When positioning to the special positions, the patient must always be fixed by safety belts and must be under the supervision of healthcare professionals!

10.2.1 FUNCTION LOCK OF THE PATIENT CONTROLLER

Individual functions of the patient controller can be locked. Locked function is indicated by changing the illumination from white to red for the given function.
Lock the individual functions using the magnetic wrench as follows:

- Activate the controller using the GO button (1)
- Attach the magnetic key to the lock (see figure); the buttons on the controller start flashing (lock mode indication)
- Press the button of the function you want to lock.
- For the given function, the illumination changes from white to red
- Terminate the lock mode by pressing the GO button (1); the buttons on the controller will stop flashing



UNLOCK the function by repeating the above procedure. After pushing the locked function, the function lock indication will go out (10).



After the universal plastic key has been inserted into the controller, the buttons on the patient controller will start flashing!

The function locks to improve patient safety. Professional health staff decide on the patient's ability to perform partial positioning of the bed separately. Always carefully consider which functions can be safe and available for self-control by the patient, taking into account their health and psychological condition!

One universal key can be used to lock all beds of the same type!

10.3 STANDBY BATTERIES

As a standard, the beds are equipped with batteries, which are used for emergency operation of the bed in case of power failure. If the bed is connected to the electricity network, this connection is indicated by the **Power connection icon (11)** in the top right corner of the nurse panel or at the bottom of the patient hand controller. The battery is charged automatically when connected to the electricity network. The battery charge status is indicated by a **Battery status display (12)**. The following statuses can be detected by the activation of the LEDs:

Bed connected to the network

Bed disconnected from the network

	Battery charging (Full battery charge min. 10 hours)	
	Battery charging finished.	The battery is in good condition charged more than 25% of its capacity.
		Low battery level. The battery is charged to less than 25% of its capacity. Connect the bed to the electricity network! (min. 10 hours)
	The bed is connected to the electricity network.	
		The bed is disconnected from the electricity network.
	Critical battery condition – battery not functional or disconnected. Contact the service centre.	



The bed is not primarily intended for operation from the backup battery. Operate the bed from backup batteries in exceptional cases (power outage, transport) only. This will prolong the life of backup accumulators!

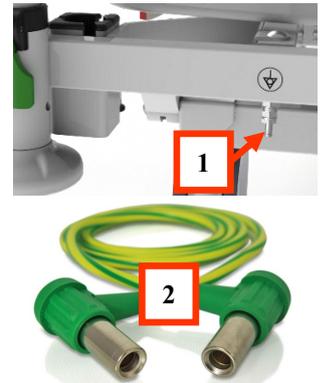
10.4 CLAMP FOR ELECTRICAL POTENTIAL BALANCING

The bed may be equipped with a **terminal for balancing the electrical potential (1)** which is located in the head section of the bed frame.

Use the clamp when connecting the bed to the medical isolated system, where it serves as a grounding system, or when scanning electrical potentials, it is used to balance the potentials between the patient and the device. The connected clamp allows balancing the potential of all conductive parts of the bed and other connected electrical devices.

Interconnect the clamp with devices by connecting to a standardized medical terminal located on the bearing surface frame in the bed head section. Place the **electric potential balancing conductor (2)** on this terminal with the corresponding standardized connector .

The clamp for balancing the electrical potential is marked on the bed with a pictogram:

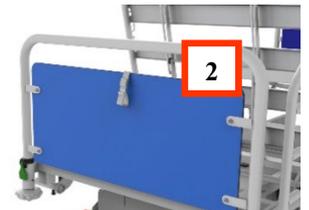
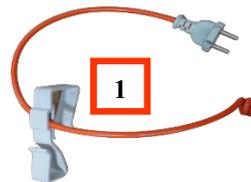


Only the conductor of the potential connection may be connected to the clamp for balancing electrical potential. NO VOLTAGE MUST be connected to the clamp!
Before transporting the bed, disconnect the conductor of electrical potential balancing from the bed, otherwise it might result in conductor breaking or damage to the bed!

10.5 POWER SUPPLY CABLE HOLDER

The bed is equipped with a **power supply cable holder (1)** attached to the power supply cable. Read the instructions in chapter 9 **before starting any transport. RELOCATION AND HANDLING**

- **Disconnect the power supply cable from the electricity network**
- **Hang the plastic holder (1) on the headboard (or frame) (2)**
- **Wind the power supply cable on the power supply cable holder**
- **Secure the fork and cable so that the cable or fork cannot be moved or pinched during the bed transport**



The bed may only be moved with properly secured power supply cable against damage! The transport of the bed with the unsecured power supply cable may result in its serious damage and subsequent increased risk of electrical injury!

11 MECHANICAL CONTROL ELEMENTS

11.1 CENTRAL BRAKE

The bed chassis is equipped with four casters with a central brake. From the patient's point of view under the head to the right, the arresting wheel is always placed, which may be replaced by the fifth arresting wheel in the bed centre upon the customer's request. The arresting wheel is used to facilitate handling of the bed during transport.

The central brake lever can be set to three positions:

POSITION 1 – all casters are braked

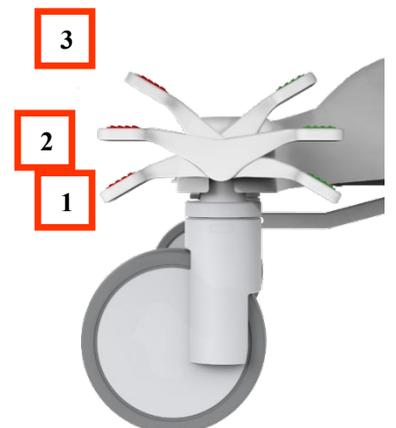
POSITION 2 (horizontal position) – all casters are released

POSITION 3 – the casters are released and the arresting or fifth wheel is activated for easier handling during transport



Always operate the central brake lever using the lower limb tip. When using a different mode of control, there may occur a risk of bodily harm by squeezing!

The bed must always be properly braked apart from its transport. Medical staff must always make sure that the bed is braked before use. If the bed is not braked, there may exist an increased risk of injury, especially when standing from a sitting position, seating on the bed or leaning against it!

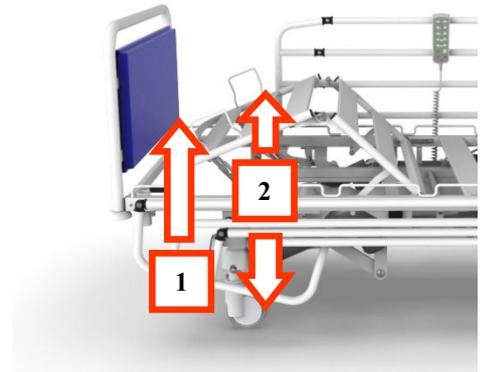


11.2 POSITIONING OF THE CALF PART

You can set the calf part to several pre-set positions using the adjusting comb. Set the calf part as follows:

Adjust the calf part position only when the thigh part is slightly lifted.

- **Grasp the calf part by the holder on the side of the bed and lift it (1)** - in each available position, it clicks and the calf part is locked after releasing.
- **When lifting it, the other available positions will be gradually arrested (2)**
- **You can tilt the calf part by a short lift (before the next locked position) or by lifting it to the maximum position and lowering it to the lowest position.**



Never lower the calf part of the bearing part automatically without checking its movement by hand. It could result in mechanical damage to the calf part, comb, or in bodily harm!

When positioning the calf part, no foreign object may enter the space between the bed frame, footboard and the calf part. It could result in damage or bodily harm!



If the calf base is lifted, it is forbidden to overload it unevenly. In the event of uneven overload of the elevated calf base (e.g. when sitting on one side of the base), the positioning combs and joints between the calf and thigh base may be damaged. In the case of such damage, it is a gross breach of the warranty conditions and no warranty can be claimed to subsequent repair!

11.3 CPR - QUICK LOWERING OF THE BACK PART - CPR

The bed may be provided with a mechanical quick lowering function of the back part, using a pulling pin to ensure connection of the back motor to the back part.

For use in emergency situations, proceed as follows:

- ⚠ **Make sure that there is no object or part of the patient's or operator's human body between the back part, the bed frame and the headboard!** (may pose a risk of pinching!)
- ⚠ **Remove the safety cotter pin on the back motor pin and pull the whole pin out by the ring.**



When the back part is quickly lowered, no foreign object may enter the space between the frame of the bed bearing area, the headboard and the back part. Otherwise it could result in damage or bodily harm!

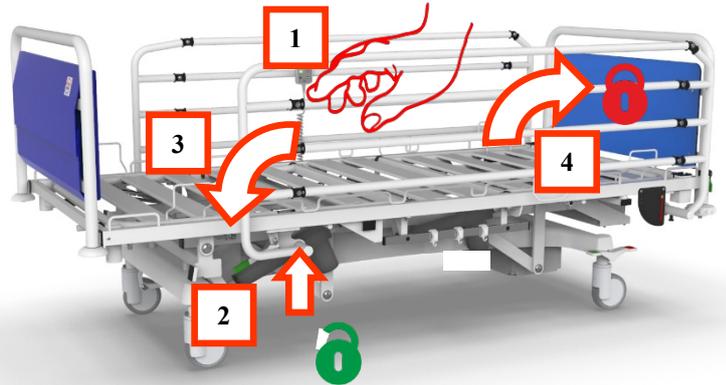
12 HEADBOARD, FOOTBOARD AND SIDERAILS

12.1 REMOVABLE TILTABLE SIDERAILS

The bed may be equipped with removable tiltable siderails. The tilting mechanism of the siderails is used to tilt the siderail along the bed bearing area.

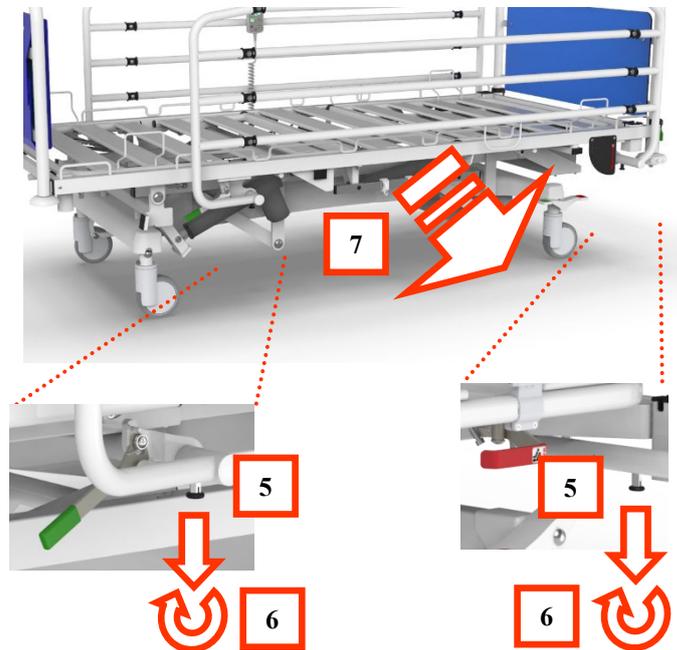
Tilt the siderail as follows:

- Grasp the siderail with one hand by its top crossbar (1)
- Lift the locking lever of the siderail (2)
- Tilt the siderail towards the legs (3)
- Lift the siderail by pulling it upwards and it automatically locks in the maximum position (4)

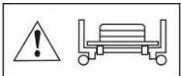
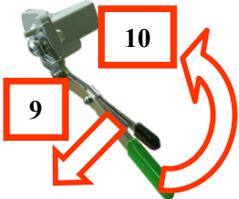


Remove the siderail as follows:

- Pull both locking pins (5) toward the floor and turn (6) by 90° - they are locked in the unlocked state
- Move the siderail out of the bed (7)
- To place the siderail back to the bed, proceed by analogy
- Once the siderail is placed, secure the locking pins back to the locked position by turning by 90°



The bed may be equipped with a **double locking mechanism** to protect the control lever of siderails against accidental activation. To tilt the siderails, press **the safety lever (9)** downwards first and at the same time, pull both **levers (10)** upwards. The siderail is released. Then proceed in the same way as with the control lever without protection.



When handling the siderails, make sure that there is no foreign object between the individual bars of siderails. It could result in damage or bodily harm!

When removing the siderails, hold them always with both hands and check their trajectory all the time. Failure to do it could result in personal injury due to the impact by the siderail or squeezing!

Always make sure that the siderail is properly secured against spontaneous removal before any further use. Otherwise, the siderail would not comply with restrictive measures against the patient falling out of the bed. It could result in serious injury and bodily harm!

After pulling the siderail to the maximum position, always make sure that the siderail is properly secured. Hold the siderail with hand and pull it towards the footboard of the bed. The siderails in this test must remain in the elevated position!

12.2 REMOVABLE HEADBOARD

The hospital version of the bed is provided with a removable headboard with arresting against accidental removal.

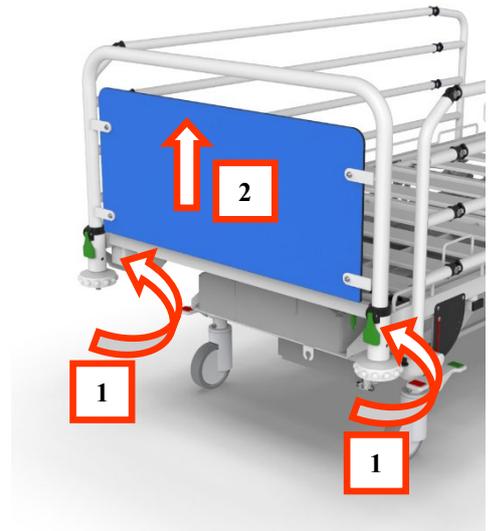
To remove the headboard observe the following instructions:

- Unlock the green arresting levers of the board (1) upwards
- Take out the board from holders upwards (2)

To insert the board back, proceed as follows:

- Insert the board into the holders (labels and logos should be directed out of the bed)
- Secure the boards with green levers (1) by tilting down (Do not force the levers unnecessarily, it is easy to tilt the safety levers when the board is properly mounted).
- Make sure that the board is properly secured against pulling out

When re-inserting the headboard in the holders, pay extra attention to the correct insertion. If the board is incorrectly or insufficiently inserted, it will not be possible to secure it and the locking mechanisms might be damaged. **Always make sure that the board is properly secured before using the bed.**



Always make sure that the board is properly secured before using the bed!

If the bed is fitted with the headboard, it must always be properly fixed in the holders. Otherwise, the board may be removed from the bed during handling accidentally. It could damage the arresting mechanism or cause bodily harm!

12.3 BEARING AREA

The bearing area is made of metal profiled lamellas tightly fixed to the bearing area. The main advantages of these materials are their high resistance to chemical products used in health care, surface stability and resistance to wetting.



Under the bed bearing area, where motion mechanisms are placed, there might exist places with the increased risk of injury to the operator or a third person due to catching or squeezing. Do not interfere unnecessarily with the space under the bearing area!

The space under the bearing area may only be entered for maintenance or cleaning purposes. When cleaning and maintaining, always ensure that the bearing area and all its parts are secured against movement. This will prevent possible risks!

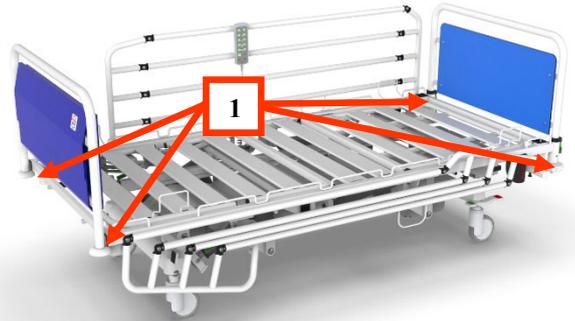
12.4 IMPACT WHEELS

The bed is equipped with rubber impact wheels in each corner. The impact wheels are located in the places which are frequently damaged. They are used to absorb undesirable collisions of the bed with adjacent objects when transporting the patient. The impact wheels protect the outer edges of the bed corners from unwanted contact, e.g. with doors, walls, etc.

The impact wheels must not come into contact with sharp and hot objects. In such cases, their elastic surface could be damaged and deformed. Reduce contact between impact wheels and greasy objects. Grease adversely affects the surface stability of the impact wheels.



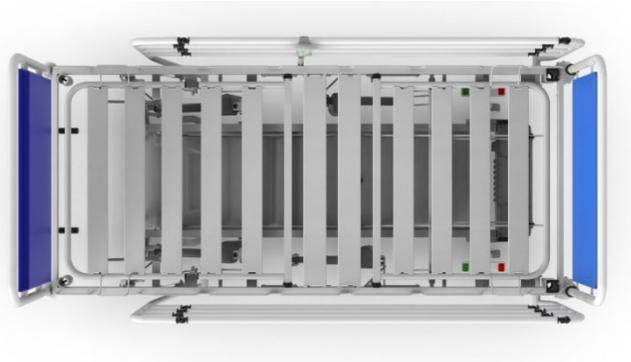
Protect the impact wheels from contact with sharp and greasy objects. These objects may adversely affect the surface properties of the impact wheels and thus reduce their service life!



12.5 UNIVERSAL HOLDERS OF ACCESSORIES

The bed is equipped with four universal holders of (1) accessories - one in each corner. These holders are used for placing a trapeze bar with a small bar, an infusion stand, an extension kit, etc.

- The accessories intended for universal holders, such as trapeze bars, infusion stands, extension kit, etc., must not be used during verticalization. There is an increased risk of their falling out.
- Never place in the holder any accessories which are not designated for this type of bed. It could result in damage to the bed or accessories.
- If the user manual is issued for the given accessories, observe it thoroughly.
- Overloading or improper use could damage the holders or the bed.
- The holders are intended exclusively for use with original accessories of PROMA REHA, s.r.o.
- If the accessories other than original ones are used, the bed manufacturer does not answer for any damage!



The accessories intended for universal holders, such as trapeze bars, infusion stands, extension kit, etc., must not be used during verticalization. There is an increased risk of their falling out.

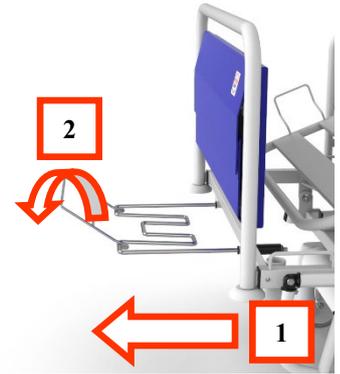
Never place the accessories that are not intended for them into the universal holders. It could result in damage to the bed and holders. When using the accessories intended for this type of bed, observe strictly the Instructions for Use. Overloading or improper use could result in damage!

The holders are intended exclusively for use with original accessories of PROMA REHA, s.r.o. If the accessories other than original ones are used, the bed manufacturer does not answer for any damage!

12.5.1 STACKING RACK FOR BEDDING

The bed may be equipped with an extension rack for bedding located under the calf part of the bearing area. To use it, follow the steps below:

- **Level the bed to the horizontal position** (the bedding rack cannot be used in combination with the Anti-Trendelenburg position)
- **Grasp the rack by its outer frame and pull it out from the bed (1)**
- **Tilt the smaller tilting part (2)**
- **Do not overload the rack! Maximum permissible load on the outer edge is 3 kg!**
- **Tilt the tilting part back into the frame (2) before inserting it**
- **Beware of squeezing when inserting the rack back under the bed**



The extension rack may only be used, if it is not necessary to adjust the bearing area position. Otherwise, the extension rack could collide with the surrounding objects or floor. It could cause serious injury to the operator, damage to the surrounding items or the bed itself!



Beware of squeezing when inserting the rack back under the bed!

The bedding rack is only used for a short-term placement of the bedding when changing it. Maximum permissible load on the outer edge is 3 kg. It is forbidden to sit on the rack or overload it. It could result in irreversible damage!

12.6 ACCESSORY HOLDERS “EUROBARS”

The bed may be provided with stainless steel accessory holders, the so-called "Eurobars", located under the pelvic part on both sides of the bed. Each holder contains sliding hooks determined for hanging tiny accessories and urological accessories.



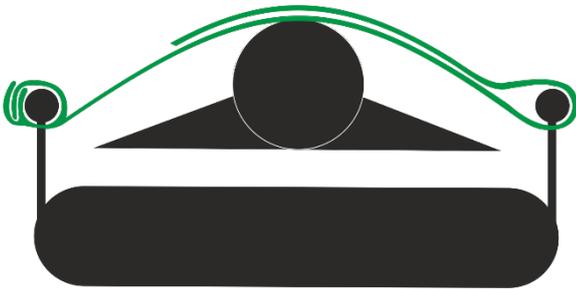
Maximum load per one hook is 3 kg. The higher load shall be evenly distributed over multiple hooks. The load on one hook must not exceed the maximum permitted load!

13 ACCESSORIES

13.1 FIXING SAFETY BELTS

Due to the patient's safety the bed is provided with a set of seat belts used during the verticalization. The safety belts are attached to the holders placed along the bearing surface by velcro closure. **Before verticalization, a patient should always be properly fixed using safety belts, preferably in the area: breast (rib cage), hips, thighs and shins, as follows:**

- Secure the belt to one side of the bed by the lock of velcro
- Pull the belt over the patient – the upholstered side towards the patient's body
- Pull the belt through the lugs on the other side of the bed before the lock is attached
- Tighten the belt sufficiently and secure it with velcro above the upholstered part of the belt
- Check the belt for sufficient strength!
- Repeat the same procedure for the other parts of the body



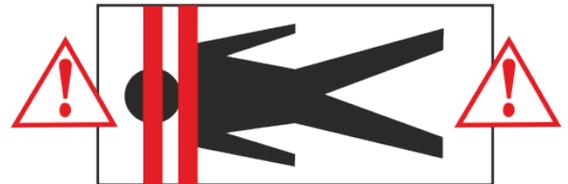
Before verticalization, the patient must always be properly fixed using safety belts, preferably in the area: breast (rough basket), flanks, thighs and shavings!

Once the belt is fastened, always make sure that it is properly attached to the bed structure and that it cannot be released spontaneously!



Fixing belts must not be located in the area of the patient's head and neck!

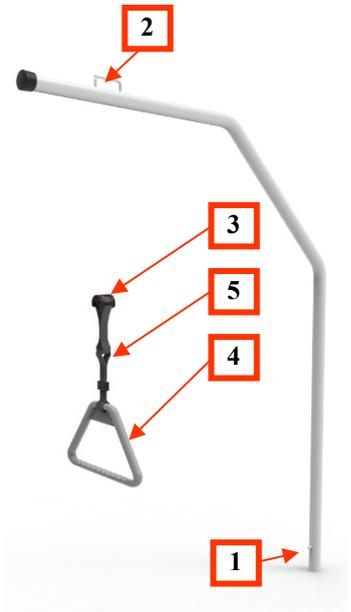
Before fixing the patient to the bed, **IT IS A MUST TO LOCK** on the patient controller the function of adjusting the back and thigh base positions and the auto contour function. When the patient is fixed using belts, it is **PROHIBITED** to position the back and thigh parts of the bed bearing area and use the auto contour function!



13.2 TRAPEZE BAR WITH A SMALL BAR

The trapeze bar is made of a steel thick-wall tube with a protective powder varnish. It is provided with a locking pin (1) in the bottom section. The upper part contains the locking system of a small bar. The bar is plastic with a textile strap of adjustable length. After removing all the packaging parts, the trapeze bar with a small bar are ready to be placed on the bed:

- Insert the bottom end of the trapeze bar (1) in the universal holders of accessories in the bed corner
- Rotate the trapeze bar so that its upper end points to the centre of the bed – in the correct position, it is arrested (stops turning)
- Insert the strap (3) loosely in the arresting lug (2) of the small bar (4)
- Adjust the required height of the small bar using the clip (5) or the self-winding mechanism
- From your optimum position, you can rotate the trapeze bar by lifting and turning it in the required direction
- Once the trapeze bar is moved to the optimum position, it will lock again automatically
- Before using the trapeze bar, always make sure that it is properly arrested



Disassemble it by thrusting the bar from the holder in the bed frame corner upwards.

The maximum short-term load of the trapeze bar with the small bar is 75 kg. Overloading of the trapeze bar with the small bar may result in its damage and permanent deformation!



Before using the trapeze bar, always make sure that it is properly arrested!

Under loading, the trapeze bar with the small bar sags due to strength and flexibility. The maximum load of the trapeze bar with the small bar may result in hazardous reduction of the minimum distance between the trapeze bar and the headboard. There is a risk of pinching in the place of the trapeze bar overloading! There is a risk of pinching in the place of the trapeze bar overloading!

13.3 INFUSION STAND

The infusion stand is supplied in a complete state and is ready for immediate use after removal of all parts of the packaging. After unlocking the plastic arresting mechanism (1) in the upper part of the leg, the telescopic extension holder of infusion is released.

- Grasp the top of the infusion stand (2)
- Lift up the control lever (1) upwards
- Extend or retract the telescopic section to the desired position
- Secure the telescopic section by tilting the lever downwards
- Check that the telescopic section is correctly fixed (insufficient securing could cause the infusion holder to spontaneously slide into the holder leg causing unwanted bodily harm or damage to surrounding objects)
- Tilt the hooks at the top of the infusion stand for the suspension of infusion bottles and medical bags – maximum load per a hook is 3 kg.



The infusion stand for the bed is intended exclusively for hanging infusion bottles and medical bags! Check that the telescopic section is correctly fixed. Insufficient securing could cause the infusion holder to spontaneously slide into the holder leg causing unwanted bodily harm or damage to surrounding objects!

This infusion stand is only intended for the beds made by PROMA REHA, s.r.o.! It is designed for use in the interior and its maximum load is 12 kg, the maximum load per a hook is 3 kg!

14 PROBLEMS AND TROUBLESHOOTING.

14.1 THE BUTTONS ON THE PATIENT HAND CONTROLLER ARE FLASHING

If the buttons on the patient hand controller are flashing, the lock mode is activated. To use the standard control, remove the **universal plastic key from the controller**, see chapter 10.3.1. FUNCTION LOCK OF THE PATIENT CONTROLLER

14.2 NON-FUNCTIONAL BED– DOES NOT EMIT LIGHT, DOES NOT RESPOND TO THE CONTROL

If the bed cannot be controlled via the controllers and the electric power supply indication diode on the nurse panel is not illuminated, try to repair the bed using the following procedure.

- **Check the bed for connecting to the electricity network.** If the bed is not connected, insert the power supply cable into the electricity network. Then the indication diode on the nurse panel goes on and the bed can be fully controlled. If not, turn on the bed using the RESET button on the control box. If the bed still does not respond, continue.
- **Disconnect the power supply cable from the electricity network and check it for damage.** If it is not damaged, insert the power cable into the electricity network and continue. **If you find damage, you must not use the bed any longer and you must contact the service centre!**
- **Check, whether the electrical network for connecting the bed is working.** If not, ensure that the network is put in operation. Then the indication diode on the nurse panel goes on and the bed can be fully controlled. If not, continue.
- **Check whether the green diode on the control unit indicating supply from the electricity network is on.** If this diode does not emit light, disconnect the bed from the electricity network and contact the service centre. If the diode is on, continue.
- **Disconnect the bed from the electricity network and check the cables of the control elements (patient controller) for damage.** If you find any damage, you must not use the bed any longer and you must contact the service centre. If no damage is found, contact the service centre.

14.3 NON-FUNCTIONAL BED – EMITS LIGHT, DOES NOT RESPOND TO THE CONTROL

If an unexpected error occurs, the bed happens to emit light but does not respond to any control. In this case, restart the bed. After resetting, always check the bed function. You can reset software and switch off the bed using the button on the control box.

Functions	Task	Description
	Button on the control box	
Bed reset	Shortly press and release the reset button located on the control box. Hold the button for less than 1 second	Reset the internal bed programme

14.4 ERROR MESSAGE – THE DIODES FLASH ON THE CONTROLLER

The bed is provided with electronics of own diagnostics. Use a light code to determine an error and use the Instructions for Use to try to remove it. The light code is displayed on the manual patient controller in the form of flashing red LED during positioning. The displayed code always appears when positioning the relevant problem part and lasts until a cause of the error message is removed.

Light code	Fault	Possible cause
flashes briefly 2x ● ● ● ● ● ●	Motor/s overloaded	* Bed maximum capacity was exceeded for a short term * The motor is damaged and is short * Motor or gear mechanics is blocked
flashes briefly 3x ● ● ● ● ● ●	Motor/s not connected	* Motor connector is not sufficiently plugged in the control box * Motor cable damaged * Motor damaged
Briefly 1x and long flashing 1x ● ● ● ● ● ●	Position errors	* The tolerance of the difference in a position of the individual column motors was exceeded
flashing briefly ● ● ● ● ● ● ● ●	IRC Sensor Error	* Motor position sensor damaged

14.4.1 MOTOR OVERLOADED

If the bed diagnostics signals this error message, continue with the following steps:

- 1) **Stop positioning**
- 2) **Press the GO button to deactivate signalling**
- 3) **Remove obstacles that may prevent the relevant motor from moving (decrease engine load)**
- 4) **Try again to adjust shortly the position of the relevant part.** If the error message does not appear, you can continue in positioning. If the error message is displayed again, contact the authorised service department, the motor is damaged.

14.4.2 MOTOR NOT CONNECTED

If the bed diagnostics signals this error message, continue with the following steps:

- 1) **Stop positioning**
- 2) **Press the GO button to deactivate signalling**
- 3) **Check the connection of the connectors to the control box (the cables pulled out a bit) and the relevant cable for mechanical damage.** If you do not find any mechanical damage to the cabling, continue. **If the cable is damaged mechanically, disconnect the bed from the electricity network, switch off the bed and contact the authorized service centre. Do not change the bed position any more. There is a risk of electric shock!**
- 4) **Try again to adjust shortly the position of the relevant part.** If the error message does not appear, you can continue in positioning. If the error message is displayed again, contact the authorised service department, the motor is damaged.



14.4.3 IRC SENSOR ERROR

- 1) **Stop positioning**
- 2) **Press the GO button to deactivate signalling**
- 3) **Further positioning of the bearing area lift, including special positions is PROHIBITED.** Positioning of the individual parts of the bearing area (bases) is not limited.
- 4) **Please contact the service centre**

15 CLEANING

Before any cleaning, it is necessary to disconnect the bed from the power supply! After disconnecting, make sure you disconnect the correct power cable. To verify disconnection, press successively any pair of the buttons on the controller upwards and downward for at least 3 seconds! If the bed does not respond, you can start cleaning.

Metal, plastic, rubber and glass parts of the bed can be cleaned with standard liquid detergents and disinfectants in the concentrations prescribed for health care. The manufacturer recommends the following disinfectants: Chloramine, Persteril, Perform, Microzide, Bacillocid, Bacillocol, Incidine, Microbac.

Do not use agents that may impair the structure and properties of the plastic parts (e.g. benzine, toluene, acetone, etc.).

Clean the bed by wiping with a properly wrung cloth. Remove dust and other dirt in a mechanical way. It is necessary to avoid abrasive cleaning agents such as dishwasher sands or steel wool.

Before starting any cleaning, the bed must be disconnected from the electricity supply!

Before re-use, make sure that all bed parts are properly dried. If there are wet spots on the bed, it is forbidden to use it until it is dried!



When washing the electrical parts of the bed, it is necessary to avoid loosening of any connectors. We recommend you to check the connectors after cleaning!



Integrated controllers and nurse panel may only be cleaned with a damp cloth, they must not be immersed in liquids or come into direct contact with running water, etc.!

When cleaning the bed, no covers may be removed and it is not possible to otherwise interfere with the bed structure!

The bed is not intended for central sterilisation and must not be cleaned with water or steam.

When using an unsuitable washing or disinfecting agent, non-compliance with the manufacturer's instructions on the dosing of disinfectants, or insufficient or improper care of the bedding may result in damage not covered by the warranty. The bed is not intended for washing machines or sterilisers!

Regular maintenance and cleaning work should be carried out according to the following table:

Bed part	Material	Daily cleaning and disinfection	cleaning and disinfection when patients are changing	Full cleaning and disinfection
Headboard and footboard, plastic HB-01	S	YES	YES	YES
Headboard and footboard, wood	PVC	YES	YES	YES
Siderails, wood	ABS, PU	YES	YES	YES
Siderails, metal, tiltable	ABS	YES	YES	YES
Control elements of siderails	PA	YES	YES	YES
Controllers (cables)	PU	YES	YES	YES
Bearing area, Invent, HPL	S	NO	YES	YES
Bearing area, plastic, Invent	ABS, S, PU	NO	YES	YES
Bearing area, plastic lamella, Invent	ABS, ALU	NO	YES	YES
Bearing area, Invent, metal lamella	ABS	NO	YES	YES
Chassis cover	S	NO	YES	YES
Corner impact wheels	PP	NO	YES	YES
Network cable	S, S-CR, PA, SS	NO	NO	YES
Bed structure	S-CR, SS, PA	NO	NO	YES
Casters	SS, PA	NO	NO	YES
Motors	ALU, SS, PA	NO	NO	YES

Material	Abbreviation
Acrylonitrile butadiene styrene	ABS
Aluminium	ALU
High-pressure laminate	HPL
Polyamide	PA
Polypropylene	PP
Polyurethane	PU
Polyvinyl chloride	PVC
Steel (varnished)	S
Steel, plated with chromium	S-CR
Steel, CORROSION RESISTANT (stainless)	SS
Solid wood	D
Solid wood, coated	DP
Wood, glued flakes, coated (laminated board)	DTDL

16 STORAGE

When storing, follow all procedures mentioned and described above, in particular:

- clean the bed and dry it thoroughly
- disassemble all accessories
- provide the bed and accessories with suitable packaging materials to prevent any damage to the product or its parts during storage
- store everything in the environment with temperature ranging from -10 °C to +60 °C and relative humidity from 30 % to 75 %.

17 MAINTENANCE AND SERVICE

As a result of disinfection and cleaning, contact surfaces may become clogged mainly in the joint connections of the bed. It is therefore necessary to check and maintain the individual parts of the bed at regular intervals:

Every 3 months

- Visual inspection of all the movable parts of the bed (reaching maximum and minimum positions to check the correct functions of all mechanisms and bed drives, inspection of the central braking system and casters function), marking. Visible defects must only be rectified by an authorised service centre.
- Check visually the connecting material on the bed

Every 6 months

- Check the battery conditions. The battery endurance depends on the level of using the bed and on compliance with the operating instructions. The standard time of the bed positioning from batteries is at least 12 hours in standby mode or 20 minutes when adjusting the bed with maximum loading.
- Wipe the bed pillar units using the oil spray WD-40 (or similar)
- Treat all movable parts, lifting and tilting mechanisms of the bed (in particular siderail mechanisms, central brakes and automatic regression)

Every 12 months

- Check fastening and functionality of all control levers (CPR, foot pedal of the central brake)
- Check and tighten all the fastening material of the bed (especially the casters, articulated joints of the base, lifting and tilting materials and siderails mechanisms).

In accordance with the applicable legislation, medical devices must be demonstrably and professionally maintained in a proper condition by inspections, treatment, adjustment, repairs and tests carried out according to the manufacturer's instructions specified in the Instructions for Use. Regular examination of the condition of medical devices is provided by the so-called periodic safety-technical inspections (PBTk). With regard to the purpose of using your purchased medical device, **the PBTk must be performed repeatedly by a professionally qualified person no more than once a year**. Service and PBTk may only be provided by authorized service centres and organisations listed on website www.promareha.cz. The inspection consists of examination of the medical device in mechanical and electrical terms, adjustment, inspection and lubrication. The inspection report must be issued for each inspected product with a detailed record of the inspected parts and a list of identified defects or defects. This protocol is a document for the provider to meet the basic requirements of legislation on the maintenance of the medical device used. Failure to comply with the specified PBTk interval is in conflict with the warranty conditions. In such case the warranty ceases to exist.

Contacts for the service centre are shown on the back of the Instructions for Use.

18 WARRANTY

A standard 24-month warranty is provided for the bed. This warranty starts running on the date of delivery, unless stipulated otherwise in the purchase or other contract.

Warranty and post-warranty repairs are solely performed by the manufacturer or authorized service centre based on the written certificate of the authorization to perform these activities. The appropriate certificate is issued by the manufacturer to the authorised service centre.

The manufacturer provides the 6-month warranty for the completed work, material and spare parts. The warranty period starts on the day of acceptance of the service carried out at the place of performance.

The manufacturer shall not be liable for defects that arise as a result of unprofessional use or neglect of routine maintenance. The manufacturer is not also responsible for defects caused by unprofessional handling (mechanical, chemical or thermal damage when the defined material compatibility values are exceeded).

The warranty period applies to the entire product, including backup sources (batteries). The minimum guaranteed service life of backup sources is 6 months from the date of sale. The gradual reduction of the capacity of backup sources is a natural phenomenon and is considered as a natural consequence of normal wear and tear. The capacity reduction of the backup power supply is not a product defect and, after the minimum guaranteed service life has expired, cannot be the subject of a complaint.



Service works may only be performed by an authorised service technician.

19 PRODUCT DISPOSAL

The product is made of materials that are environmentally friendly. It does not contain any hazardous substances and its operational noise meets all the requirements of public health regulations against adverse effects of noise and vibrations in protected interior areas of buildings. The product, together with the wooden parts, has been subjected to laboratory testing and has been licensed to use the “Eco-Friendly Product” label.

All packaging waste produced after the product is put into operation is marked in accordance with current regulations on packaging. Sort them according to the graphic symbols and hand them over to the authorized person for further use.



The product contains recyclable stainless and steel parts with surface treatment of baking varnishes, chromium or zinc. The product also contains wood, plastic, rubber, upholstered and electronic components. Contact a selected organisation specialised in this activity to dispose of the product after its end of use, or use the services of collection or recycling terminals.

The product may contain lead accumulators marked with a graphic symbol (see figure on the right). At the end of its service life, hand it over to the authorized person for re-collection (you will not pay any fee). **The product is not intended for disposal as part of municipal waste!**



Information for the users of electrical and electronic devices:

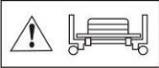
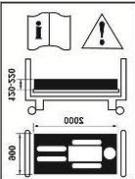
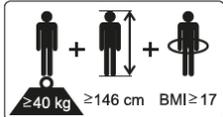
The symbol given on the product or in the original documentation means that the electrical and electronic products used must not be removed (disposed of) together with communal waste. Hand over such parts of the product to the person authorised to dispose of the separated waste. The above mentioned symbol is applicable only to EU countries. For the correct removal of the waste from electrical and electronic devices and lead accumulators ask your authorities or a product seller for detailed information.



Fines can be imposed due to improper disposal of this type of waste in breach of national regulations.

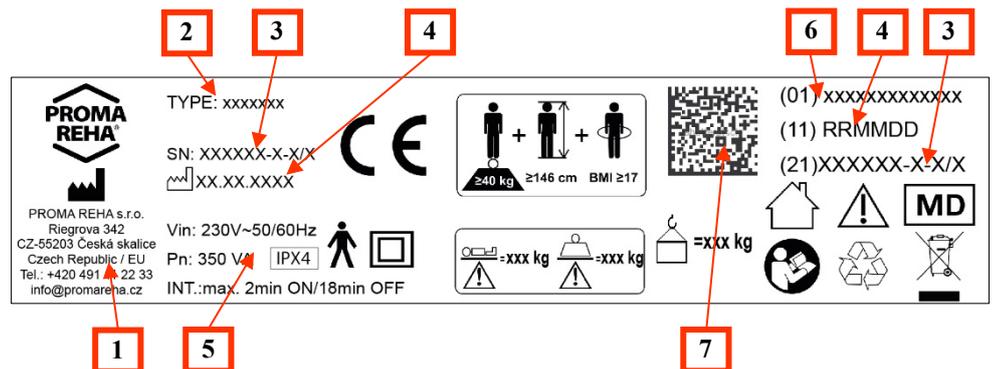
20 ABBREVIATIONS, SIGNS AND SYMBOLS USED

The beds are marked according to the risk analysis and as given in the above-mentioned safety warnings and descriptions with informative safety pictograms. These pictograms draw attention to important places on the bed or places with increased risk.

	WARNING! General danger.		WARNING! Maximum patient weight, maximum weight of safe working load
	INFORMATION! - Important additional information for a user.		WARNING! Do not interfere with the space under the bed bearing area!
	WARNING! Risk of getting caught and squeezing.		Protection against electric shock - Applied part, B type
	Removable part		Double insulation of electrical parts
	Warning! Removable siderails		DANGER - risk of electrical injury
	Clamp for electrical potential balancing		WARNING! No sitting on the adjusted foot bases!
	WARNING! Exchangeable mattress. Read manufacturer's recommendations in the Instruction for Use		Fast lowering of the back / thigh part
	Read the Instructions for Use		Product weight
	Read the Instructions for Use		This bed is designated for adult patients
	Medical device		

20.1 BED MANUFACTURING LABEL

- 1 – manufacturer's address
- 2 – type
- 3 – serial number
- 4 – date of manufacture
- 5 – electrical specification
- 6 – device ID identifier
- 7 – UDI DataMatrix



1 – manufacturer's address

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21 LIST OF SUPPORTED ACCESSORIES

- Trapeze bar
- Infusion holder suspended on bed trapeze bar
- Plastic nameplate on the bed without a clip
- Urine container holder
- Urological bags holder
- Suspensory basket for shoes - powdered varnish (komaxit)
- Suspensory bottle basket - powdered varnish (komaxit)
- Small trapeze bar including a strap
- Infusion stand mounted into the trapeze bar holder
- The table folded on the footboard - for writing
- Nebuliser holder - attachable to the trapeze bar holder
- Urine container holder with a cap
- Stick holder, metal
- Suspensory wire basket

22 PACKAGE CONTENTS

1 x Bed as specified in delivery note
1 x Instructions for Use

23 CONTACT

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held with the Regional Court in Hradec Králové, section C, entry 7945



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