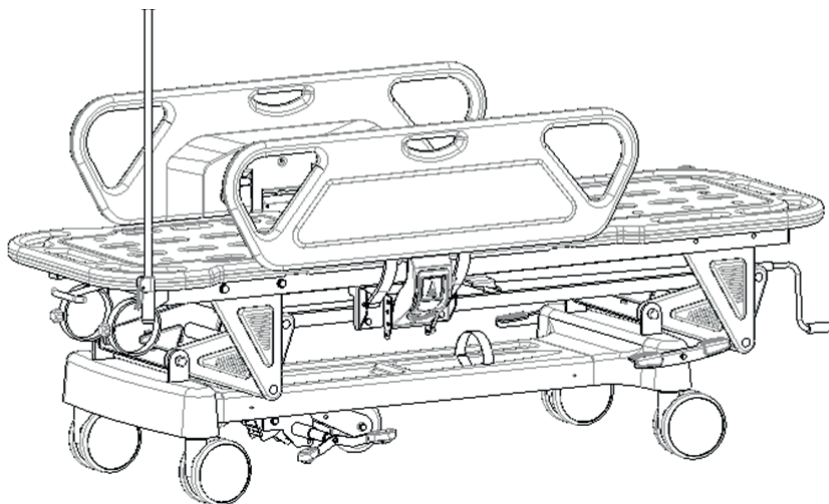


**BARELLA PORTAPAZIENTI AD ALTEZZA REGOLABILE****ADJUSTABLE HEIGHT PATIENT TROLLEY****CHARIOT DE TRANSFERT DE PATIENT À HAUTEUR RÉGLABLE****CARRO DE PACIENTE AJUSTABLE EN ALTURA****MACA DE PACIENTE AJUSTÁVEL EM ALTURA****HÖHENVERSTELLBARER PATIENTENWAGEN****ΤΡΟΧΗΛΑΤΟ ΦΟΡΕΙΟ ΑΣΘΕΝΟΥΣ ΜΕ ΡΥΘΜΙΖΟΜΕΝΟ ΥΨΟΣ****CĂRUCIOR PACIENT REGLABIL PE ÎNĂLȚIME**

MANUALE D'USO – USER MANUAL – MODE D'EMPLOI – MANUAL DE USO - MANUAL DO USUÁRIO - BENUTZERHANDBUCH - ΕΓΧΕΙΡΙΔΙΟ ΧΡΗΣΤΗ - MANUAL DE UTILIZARE

**REF SKB041-1 (Gima 44780)**

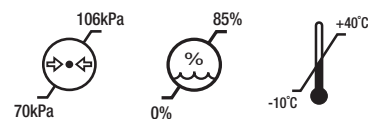
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## MANUAL INTRODUCTION

Note: Please carefully read this manual and strictly follow the steps before installing and using. We require all users to have the knowledge of user's manual and all the cautions.

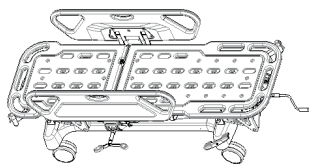
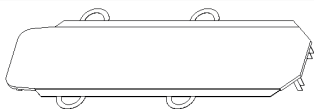
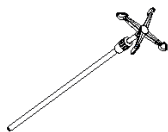
- This instruction manual is suitable for SKB041-1 patient trolley and contains information such as instructions for the use of this model's installation method and maintenance.
- The graphics of this manual are for the user's information only and are subject to physical use.
- This operating manual includes descriptions, instructions and maintenance of our products. and some technical information and information about the product.
- If you have any questions, please contact the after-sales service personnel or distributors.
- Anyone who uses or operates this operating manual should read and follow it.
- In addition to some unexpected situations, we require users to be familiar with usage methods and precautions.
- Intended use: the device is intended to be used to transport and move patients in medical institute

## 1. INSTALLING GUIDE

### 1.1 List of standard accessories

After opening the packing case, please check whether the following parts are complete in the packing case:

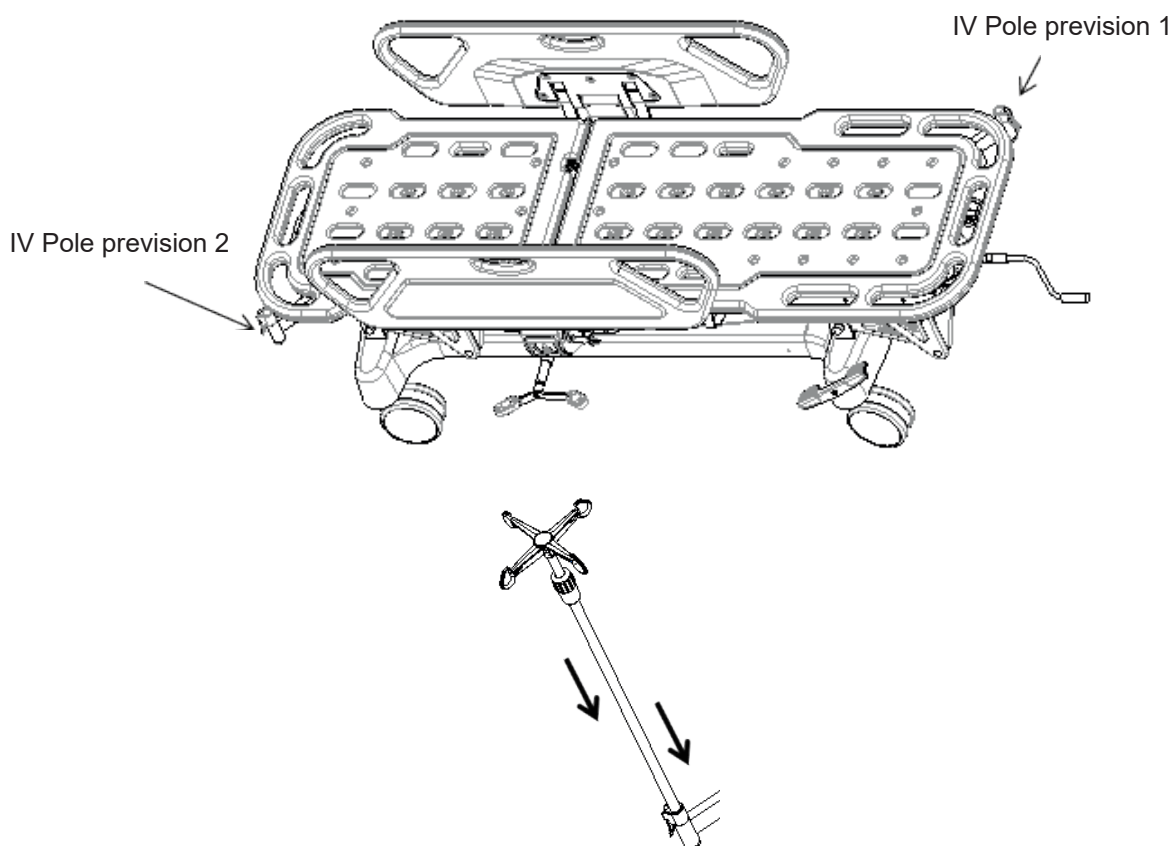
Table a:

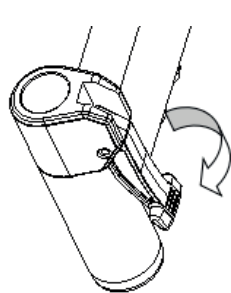
NO.	Name	Picture	Specification	QTY	Unit
1	Main body		L1900*640*550-850 mm	1	pc
2	Mattress		W550*L1900 mm, thickness: 20 mm. polyurethane foam with high density sponge-28	1	pc
3	IV pole		φ16-19 mm	1	pc

### 1.2 IV Pole installation

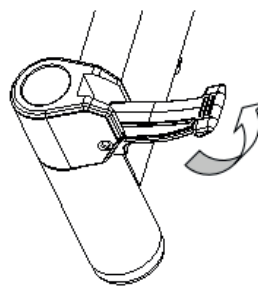
(Images are for informational purposes only, depending on the physical object.) Lay a protective mat and place the main body of the trolley upside down;

Remove the screws from the screw bag and use a 14 inches hex wrench to install casters.





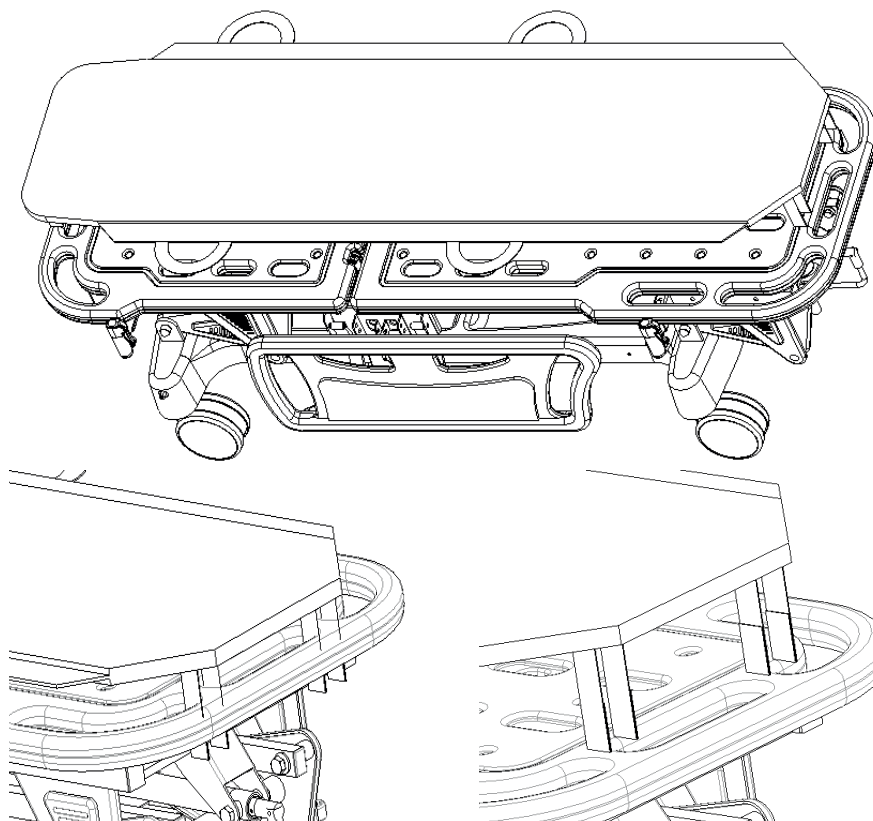
Unlocked



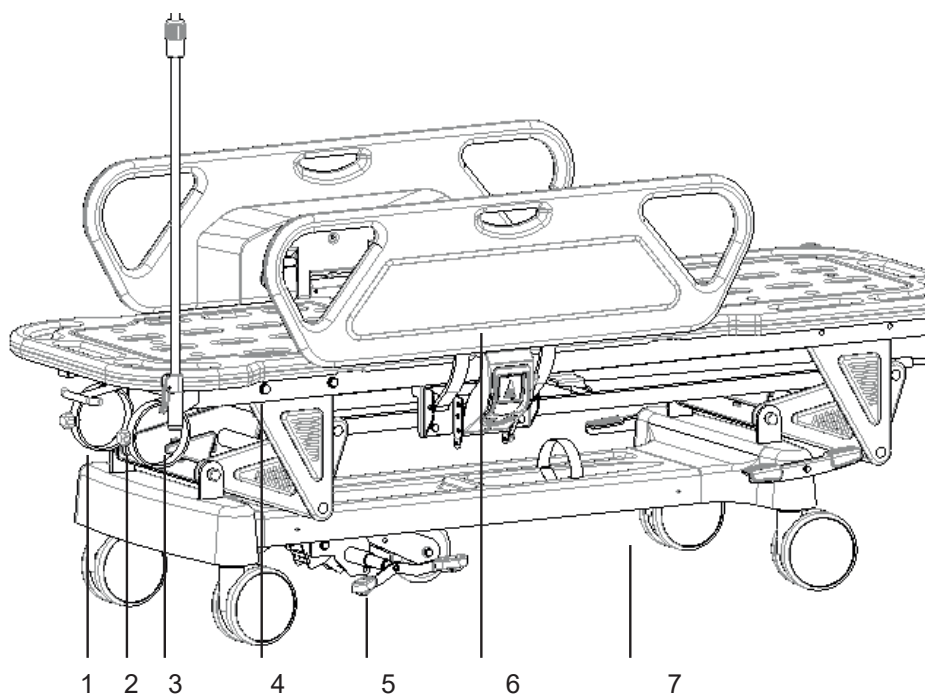
Locked

### 1.3 Guardrail installation

After placing the mattress as shown in the figure, fix it on the trolley board with felt.



## 2.USE METHOD



1-Handle  
5-Directional pedal

2-Oxygen bottle holder  
6-Guardrail

3-IV Pole  
7-Castor

4-Platform

Trolley platform size	Length	mm	1900±10
	Width		640±10
	The minimum height of the trolley surface to the ground		550-850±10
Tilt range	Back	/	0-70±10°
Weight	Safety load	Kg	170

## 2.1 Caster use



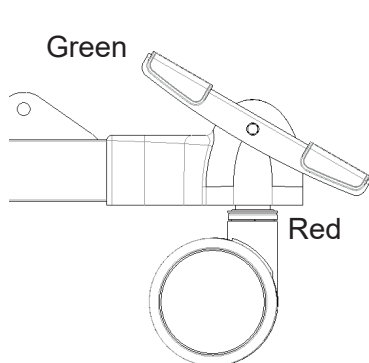
When there is a patient on the trolley, the guardrail should be raised before moving the trolley.

Except when the trolley must be moved, the caster brake must be stepped on during the rest of the time. Need to depress all four wheel brakes.

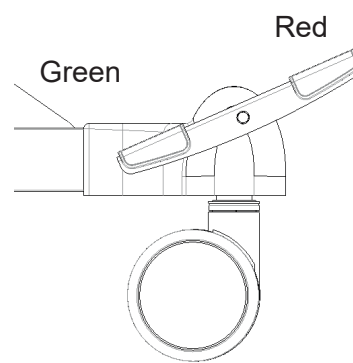
### 2.1.1 Use method of casters

This trolley uses a centrally controlled side brake, all four wheels can be locked by controlling the brake lever on one side.

Press the red foot lever down to lock all casters. Press the green foot lever down to unlock all caster.



Locked state

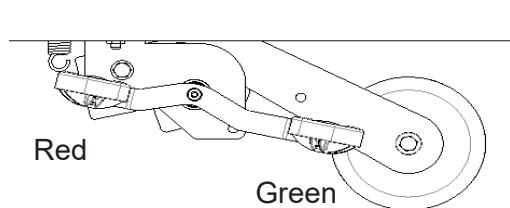


Unlocked state

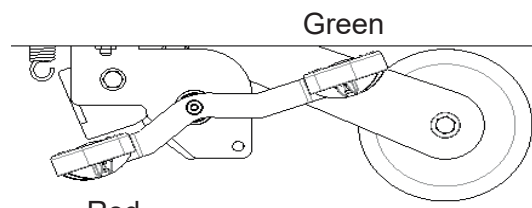
### 2.1.2 Use method of directional wheel

The directional wheel can control the trolley to walk straight, stepping on the green pedal means that the directional wheel is unlocked, and stepping on the red pedal means that the directional wheel is locked.

The following picture shows the two movement states of the directional wheel:



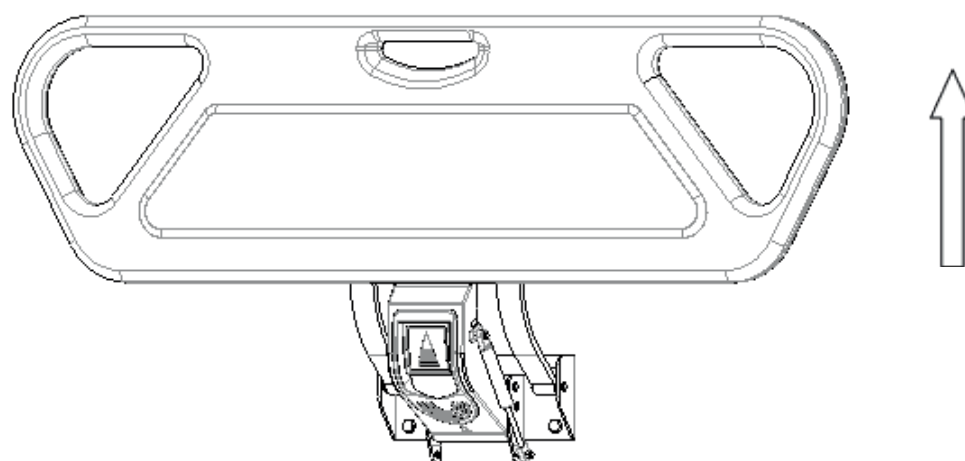
Locked



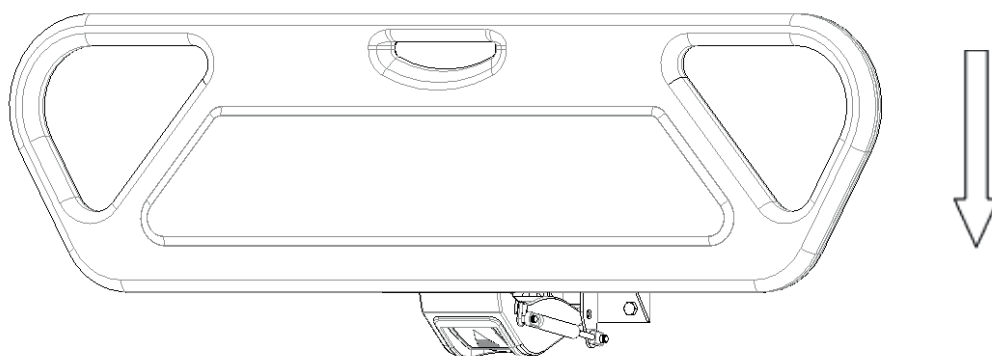
Unlocked

## 2.2 Use method of guardrail

Raising guardrails: Hold the upper guardrail pulled up, a "click" sound indicates the guardrail has been locked. The picture is as follows:



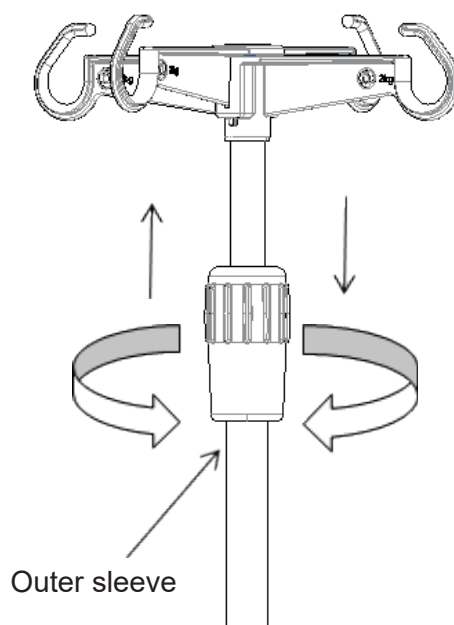
Lowering the guardrail: Pull Guardrail switch outwardly, and hold the upper guardrail while slowly putting down the guardrail. The picture is as follows:



### 2.3 Use method of IV Pole

Adjusting the height of the IV pole:

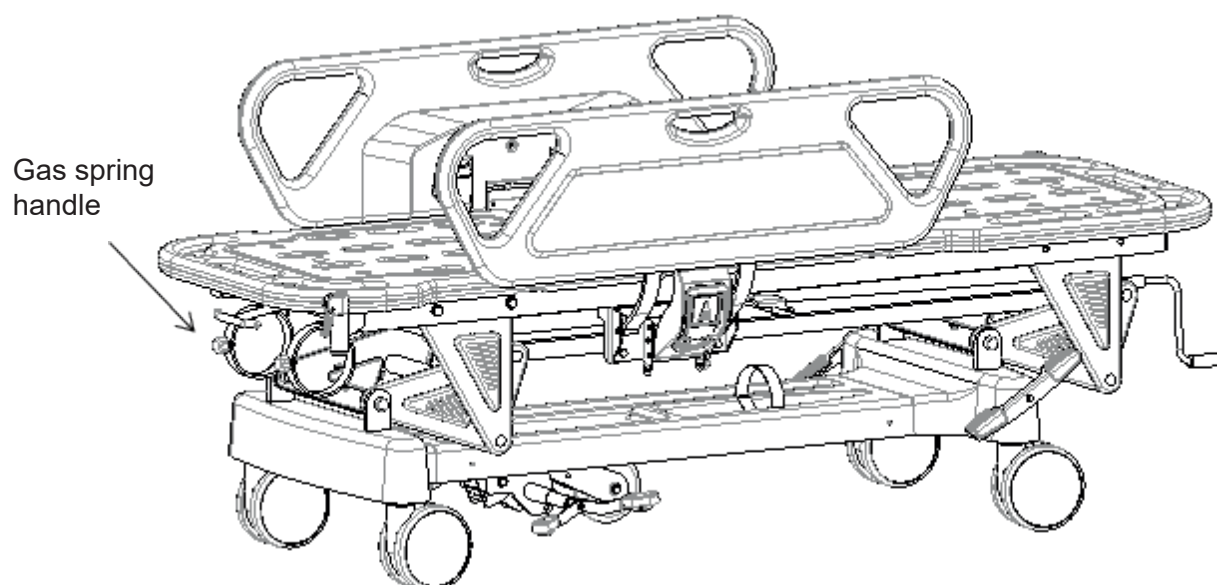
1. First loosen the outer sleeve counter clock carefully, insert the inner tube of the IV pole into the outer sleeve, and then adjust the length of the extension rod up and down;
2. Second adjust the required length, and then tighten the outer sleeve clock carefully. The maximum bearing of each hook is 2kg, a total of 8kg.  
(Height Adjustment :890--1540mm)

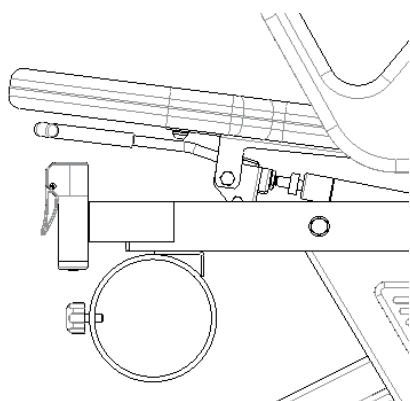


### 2.4 Use method of back-rest

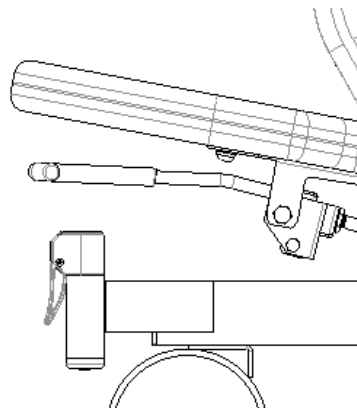
Back up: Hold the gas spring handle and lift the back plate to achieve the back up.

Lower back: Hold the handle of the gas spring and push the back panel downwards, first loosen the handle, confirm that the back panel is fixed, and then loosen the back panel to lower the back.



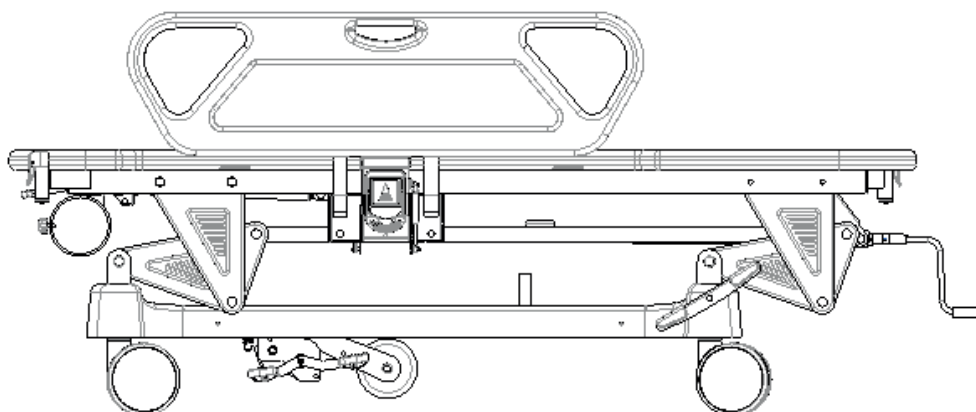


Holding the handle




Release the handle

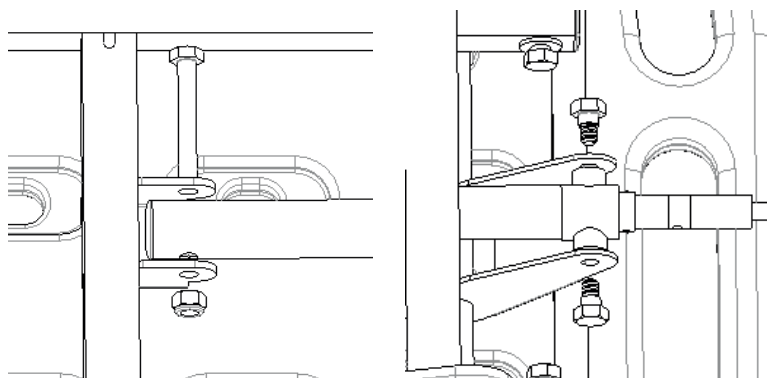
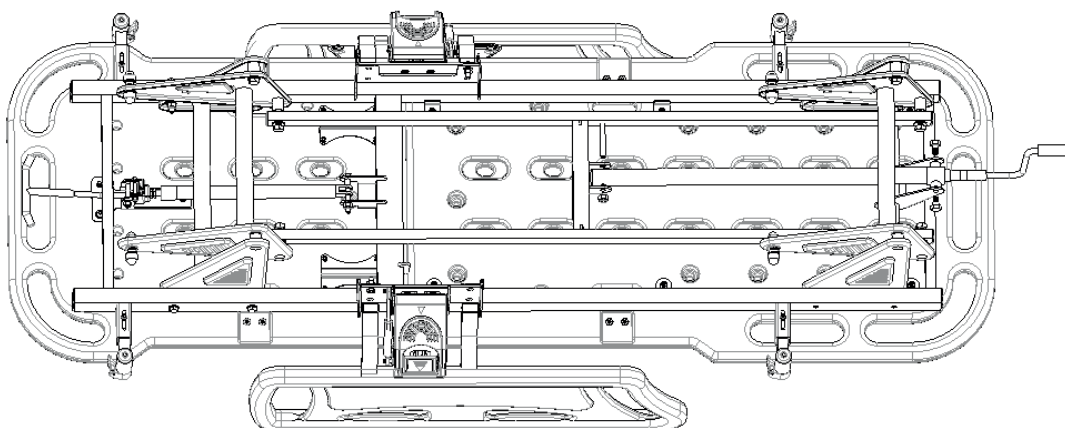
Whole trolley lifting: Pull out the middle rocker lever and turn it counterclockwise to realize the lowering of the whole trolley, and turn it clockwise to raise the whole trolley.



### 3.SPARE PART REPLACEMENT AND MAINTENANCE

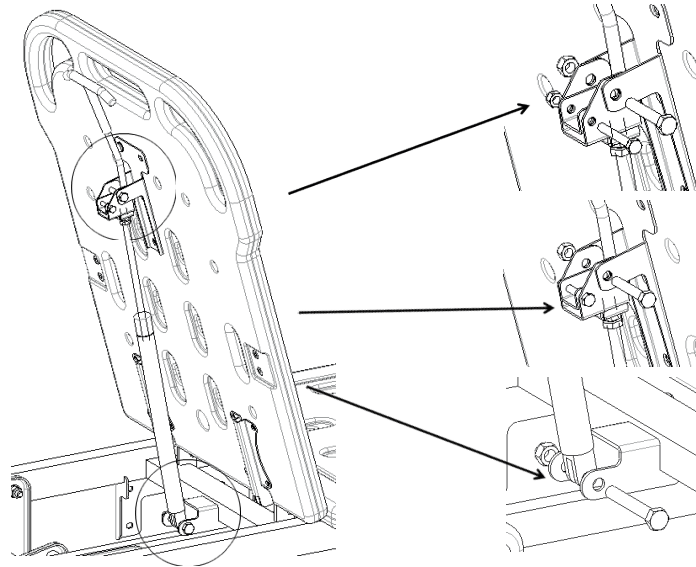
#### 3.1 Hand crank replacement and maintenance

Use 2 pcs 17-inch Allen wrenches  to unscrew the telescopic rocker nut, take out the bolt, and replace the rocker. After the replacement is completed, install the bolts in the order shown in the figure, and use the wrench to tighten the nut. (For demonstration purposes, the chassis will be hidden here).



### 3.2 Gas spring and handle replacement and maintenance

First lift the back plate to the highest position, then use an Allen key to unscrew the nuts in the order shown in the figure, take out the bolts, and replace the gas spring and handle. After the replacement is completed, install the bolts in the order shown in the figure and use the wrench. Tighten the nut.

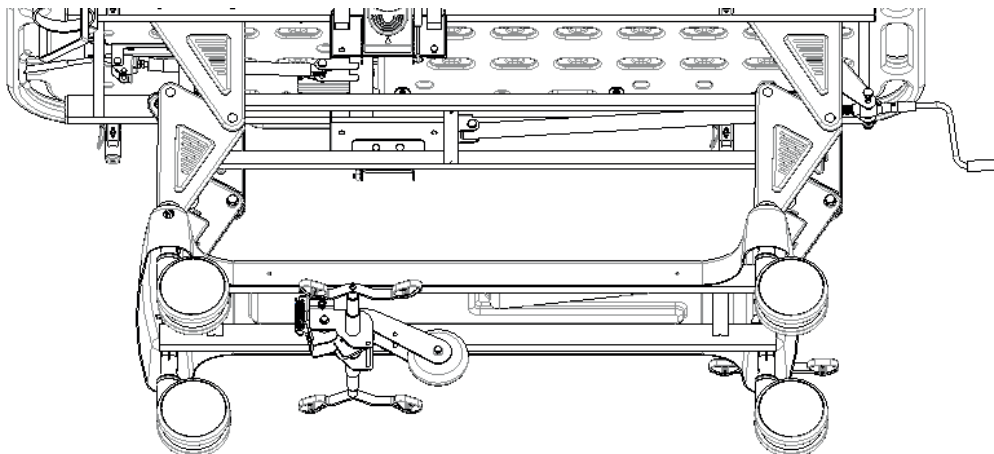


## 4. FAULTS EXCLUSION

Common failures	Probable reasons	Solution
Difficulty moving the whole trolley	The brakes are not released and the casters are locked.	Unlocked, please refer to 2.1
	The casters are damaged.	Replace the castors.
The guardrail is easy to loosen	The guardrail is not stuck in place	Lift the guardrail up again, and release your hand after hearing a "click" sound
Loud noise when the trolley rises and falls	Rusty moving parts and insufficient lubrication	Add proper amount of lubricating oil to the joints of moving parts
Part of the trolley function does not work	Telescopic crank malfunction	Replace the hand crank
The whole trolley automatically descends	The gas spring lock switch is too tight	Adjust the gas spring lock switch
	The gas spring is damaged	Replace the gas spring

## 5. TROLLEY-MAINTENANCE

1. In order to use the trolley safely, safety inspections must be done regularly. Conduct a comprehensive inspection every six months, to ensure that there is no looseness in the connection parts and the function of up&down for the trolley can be operated normally.
2. At the joints of the frequently moving parts of the trolley, an appropriate amount of lubricating oil needs to be added during daily inspection; if serious wear is found, it should be replaced immediately to ensure safety, add lubricated parts as show



3. Avoid hitting the trolley and scratching the coating on the trolley with sharp objects.
4. Please avoid inhaling moisture into the trolley and mattress, which will cause rust, abnormal noise and bacteria breeding. If water adheres, wipe it off immediately.



5. When the trolley frame ages and it reaches a certain servicing time, which the metal part of the trolley and the plastic parts of the headboard or footboard, guardrail can be recycle.

## **6. TROLLEY-CLEANING**

1. When cleaning, please wring out the cloth soaked in neutral detergent diluted with water and wipe it, then wring out the cloth soaked in water to wipe off the remaining detergent ingredients, and finally use a dry wipe dry with a cloth.

2. Do not use volatile substances (thinner, volatile agent, gasoline, etc.), which may cause chemical reactions and damage the bed.

3. When using a disinfectant to clean, be sure to dilute it according to its specified concentration before use. Depending on the composition of the disinfectant, it may corrode metal parts, resin parts, etc., causing undesirable phenomena such as discoloration and deformation. Therefore, the content of the disinfectant is recommended as follows:

- **0.05~0.2% ammonium chloride disinfectant**
- **0.05~0.2% Chlorinated phenyl disinfectant**
- **0.05% diclofenac ethane solution**
- **0.05~0.2% sodium hypochlorite disinfectant**

Do not use smoking sterilizers, autoclaves, and do not use methyl (phenol) to clean the headboard and foot of the bed. It may cause corrosion, discoloration and deterioration.

Note: When cleaning the bed or changing the bedclothes, please pay attention to the corners, edges and screws of the frame to prevent scratches.

## **7. MATTRESS-CLEANING AND MAINTENANCE**

1. When using it, avoid scratching the fabric with sharp-angled tools or knives, cover it with sheets or cleaning pads, and clean it frequently to protect it from dryness.

2. Clean the mattress regularly with a vacuum cleaner, Mattress cover can be washed in 100°C.

3. Expose the mattress often to keep the sleep fresh and comfortable, but be careful not to expose the mattress to too long.

4. If the fabric is accidentally stained, please refer to the corresponding recommended cleaning methods in the instructions, do not use corrosive chemicals to clean the fabric.

5. If accidentally the chewing gum or other jellies get on the fabric, do not wipe it forcibly. Use an ice pack to allow it harden and gently peel it off.

6. If the thread is found to be loose due to wear and tear, do not pull it off by hand, use scissors to cut it together.

\* If your order does not have a mattress, please refer to the contract configuration.

## **8. CASTER-DETECTION AND MAINTENANCE**

1. Regularly check the casters to avoid hitting or overloading, which will cause damage to the casters.

2. Grease the casters or wheels on a regularly, and the frequency of addition should be determined according to the specific actual use conditions. In general, lubricating grease is added every six months.

3. After cleaning the caster equipment, pay attention to adding grease. The selection of lubricating grease should be based on the actual use environment, special high temperature and special low temperature environment, and the corresponding lubricating grease should be selected.

4. It is forbidden to force the casters to brake when braking, which will cause damage to the brake system.

5. The wear of the tire surface of the wheel can be detected by visual inspection. Some thread spun yarn and other accumulations may be wrapped around the wheel, remove the bolts and nuts of the wheel, clean up the debris, and check whether the bearing of the wheel is damaged. If the parts are not damaged, can be reassembled and used.

6. Judging whether the caster is replaced according to the time used, wear and tear, you can replace the wheels and make sure that the axles bolt and nuts are well put together and connected. If possible, use a lock washers or locknuts to help you with this process.

7. For the casters equipped with brakes, it is necessary to regularly check whether the brakes are working properly. Check the brakes once a day or before each use. For a hospital bed equipped with multiple brake casters, only one brake caster can be locked at a time which will allow you to try and push the bed also check whether one of the brake performance of each caster is good. If the function of the brake fails due to wear or damage to the wheels, immediately replace the wheels and then retest the brake system.

8. If the mechanism of the brake system of the caster is damaged, and the brake needs to be repaired or replaced, please contact our after-sales service department or authorized dealer provide by our company. Every time the brakes are replaced, the brake performance of the casters must be retested.

## **9. GUARDRAIL-MAINTENANCE**

1. Please check whether the side rails are installed correctly to prevent the lying patient from shifting and rolling down.

2. Please always check the screws of the total position of the guardrail and the wire to prevent loosening and falling off.

3. Please use the red plastic parts of the guardrail switch correctly, and do not use brute force prevent it from damaging the guardrail.

## **10. PACKAGING, TRANSPORT, STORAGE**

1. The packaging of patient trolley is carried out according to the contract or product standard.

2. Avoid rushing out, violent vibration, and prevent from sunlight and rain during the transportation of the patient trolley.

3. The patient trolley should be stored:

a) Ambient temperature: -10°C ~ +40°C.












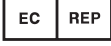




b) Relative humidity: ≤ 85%.

c) Atmospheric pressure: 70 kPa ~ 106 kPa.

**Notice: any serious incident that has occurred in relation to the device shall be reported to the manufacturer and the competent authority of the Member State in which the user and/or the patient is established - Don't use the device in direct contact with the skin.**



LEGEND OF SYMBOLS:

	Keep away from sunlight		Medical Device compliant with Regulation (EU) 2017/745		Keep in a cool, dry place
	Product code		Consult instructions for use		Manufacturer
	Date of manufacture		Lot number		Medical Device
	Caution: read instructions (warnings) carefully		Temperature limit		Authorized representative in the European community
	Imported by		Serial number		Humidity limit
	Atmospheric pressure limit				

GIMA WARRANTY TERMS

The Gima 12-month standard B2B warranty applies