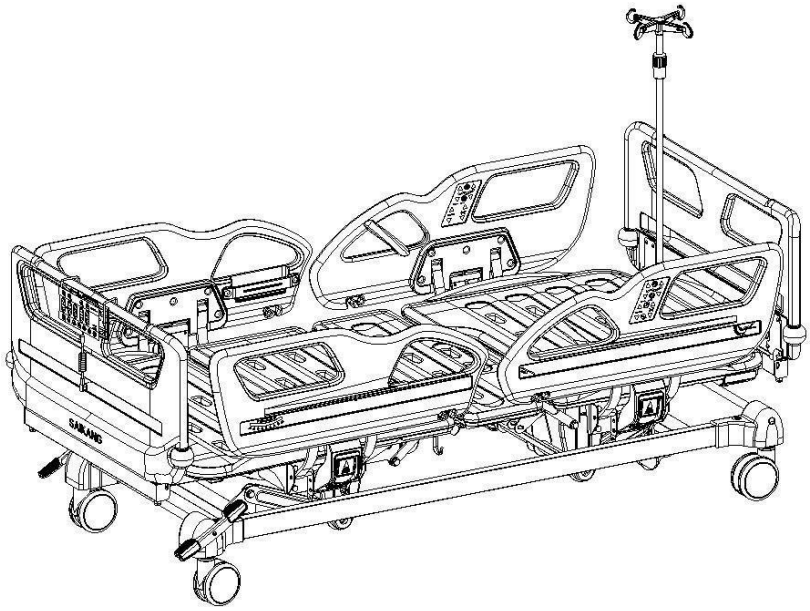
PROFESSIONAL MEDICAL PRODUCTS

LETTO OSPEDALIERO ELETTRICO
ELECTRIC HOSPITAL BED
LIT MÉDICALISÉ ÉLECTRIQUE
CAMA ELÉCTRICA DE HOSPITAL



MANUALE D'USO – USER MANUAL – MODE D'EMPLOI – MANUAL DE USO

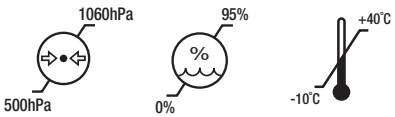
- È necessario segnalare qualsiasi incidente grave verificatosi in relazione al dispositivo medico da noi fornito al fabbricante e all'autorità competente dello Stato membro in cui si ha sede.
- All serious accidents concerning the medical device supplied by us must be reported to the manufacturer and competent authority of the member state where your registered office is located.
- Il est nécessaire de signaler tout accident grave survenu et lié au dispositif médical que nous avons livré au fabricant et à l'autorité compétente de l'état membre où on a le siège social.
- Es necesario informar al fabricante y a la autoridad competente del Estado miembro en el que se encuentra la sede sobre cualquier incidente grave que haya ocurrido en relación con el producto sanitario que le hemos suministrado.

REF **V8V8C (Gima 44746)**

Jiangsu Saikang Medical Equipment Co.,Ltd
No. 35 Lehong Road, Modern Agriculture Demonstration Park, Zhangjiagang City, Jiangsu Province, China
Made in China

EC REP **SUNGO Europe B.V.**
Fascinatio Boulevard 522, Unit 1.7,
2909VA Capelleaan den IJssel, The Netherlands

Gima S.p.A.
Via Marconi, 1 - 20060 Gessate (MI) Italy
gima@gimaitaly.com - export@gimaitaly.com
www.gimaitaly.com



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M44746-M-Rev.0-01.24

SUMMARY

USER MANUAL

GENERAL INFORMATION

The electric hospital bed is a bed specially designed for hospitalized patients or others in need of some form of health care.

- Essential Performance: This bed is designed for positioning and transporting patients, as an aid to diagnosing, monitoring, treating and alleviating illnesses or compensating for injuries or disabilities.

The bed itself is not life sustaining or life supporting. The bed has no medical indication.

- User Environment: hospitals and medical clinics in application environments 2 or 3.
- The installation room must be equipped with electrical installation in accordance with current standards.
- Personnel for use of the product: specialized operators and medical personnel.
- Supervision and responsibility: the bed should be used under the supervision of a doctor.
- Limits of use: the bed can be used only as described in this manual
- Essential Performance: This bed is designed for positioning and transporting.

Note for Users:

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.

Before carrying out any operation on the device, qualified operators and technicians should read carefully the instruction contained in this publication.

- This manual is applicable to V8V8C electric hospital bed. It contains theinstallation method, operating instructions and maintenance check points.
- The graphics in this manual are for users' reference only. In actual use,please refer to the real object.
- This user manual includes the description, instruction, maintenance andtechnical parameters of the product.
- Any questions, please contact the after-sale service center or distributor.
- Anyone using or operating this product should read and comply with it.
- Except for some unexpected situations, users are required to be familiar withthe usage and precautions.
- Explanation of symbols:

WARNINGS

1) DUTY OF THE USERS

2) Before using a hospital bed, you, as the user, must check each time that the hospital bed is fully functional and in perfect working order and must observe the instructions in the instruction manual, particularly in the safety

information, during operation and maintenance.

This is the only way to prevent operating errors and ensure correct handling in order to prevent from injuries and damage from occurring.

3) Pay special attention here to the safe routing of all loose connector cables, tubing etc... if any

4) Ensure that no obstacles such as bedside cabinets, supply rails or chairs could impede adjustments to the bed

5) Consult the manufacturer of the equipment in question, or the distributor, if there are any uncertainties.

2) ELECTRICAL CABLING AND CONNECTIONS

Connect the bed only to a mains electricity supply with an earth wire

TECHNICAL SPECIFICATION

- ► Model:V8V8C
- ► Double auto-regression function for bed platform
- ► Integrated handle facilitates the patients to get up/off the bed.

Technical Parameters:

- ► External Size (LxWxH): 2085*1025*(455-745)mm
- ► Mattress Platform: 1925x900mm
- ► Safe Working Load: 250kg
- ► Back-rest Adjustment: 0-75°(±5°)
- ► Knee-rest Adjustment: 0-32°(±5°)
- ► Reverse Trendelenburg: 0-12°
- ► Trendelenburg: 0-12° Technical Configuration:
- ► PP Platform with Integrated Mattress Retainer, removable for sufficient sterilization
- ► Linear Motor: 4pcs
- ► 5" Double Side Secure®Castors, Central Locking: 4pcs
- ► PP Side Rail with Integrated Control Panel: 1set
- ► PP Bed Ends plug-in type, with safe lock: 1set
- ► Bumper wheels diameter 65mm: 4pcs
- ► IV Pole 4 hooks: 1set
- ► IV Pole Prevision: 4pcs
- ► Drainage Hook: 2pcs
- ► Central Locking Pedal: 2 pcs
- ► With hook type nurse control panel at foot end:1 pc
- ► Cardiac Chair Position

- ▶ Back Rest 30 Degree Position Smart Stop
- ▶ Emergency Stop Button
- ▶ Manual CPR
- ▶ Weighing system as optional (extra price)

1. PRODUCT INSTALLATION GUIDE

1.1 LIST OF STANDARD ACCESSORIES

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

Table a:

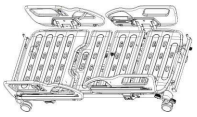
№	Name	Picture	Specification	Qty	Unit
1	Head foot board packing box		check table a.1 below	1	box
2	IV pole		Φ16-19/off-white	1	pc
3	Bed platform		2048*1047	1	pc
4	Screw pack	/	Check table a.2 below	1	bag

Table a.1

№	Name	Picture	Specification	Qty	Unit
1	Head board		990*460	1	pc
2	Foot board		990*460	1	pc

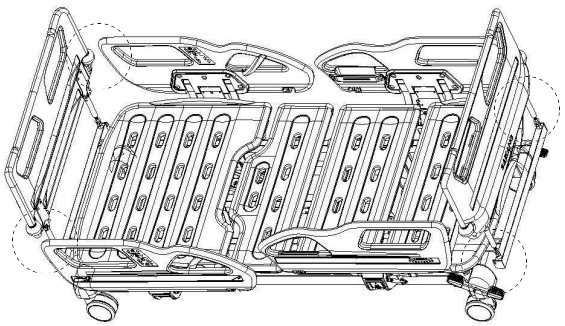
Table a.2

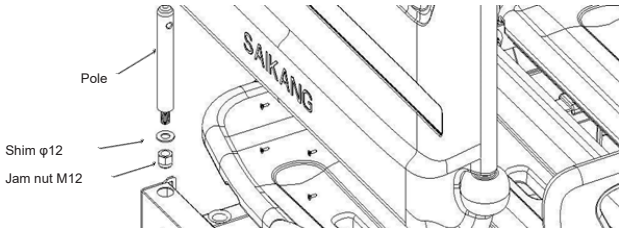
№	Name	Picture	Specification	Qty	Unit
1	30-50 drainage hook		30-50(plastic)	2	pc
2	Pole 154		φ21.7*154	2	pc
3	Pole 184		φ21.7*184	2	pc
4	Flat washer		φ12	4	pc
5	Jam nut		M12	4	pc

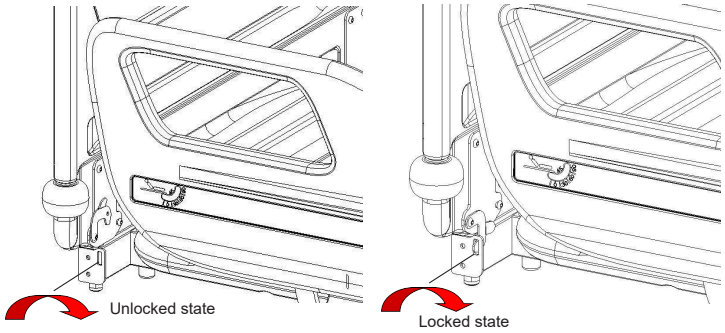
1.2 HEAD AND FOOT BOARD INSTALLATION

(the picture does not exactly match the real object, for installation guide reference only).

Head board poles: ϕ21.7x154, foot board poles: ϕ21.7x184,the installation method is as shown in the figure below:

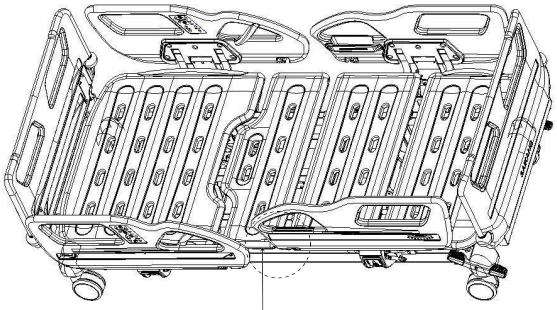


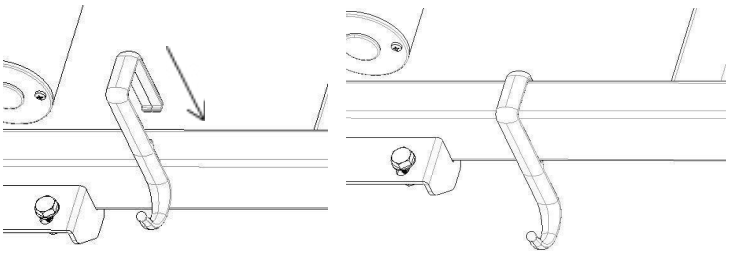




1.3 DRAINAGE HOOK INSTALLATION

Prepare drainage hook, turn the concave buckle of the drainage hook downwards, then buckle it down on the beam of the bed frame, see picture:



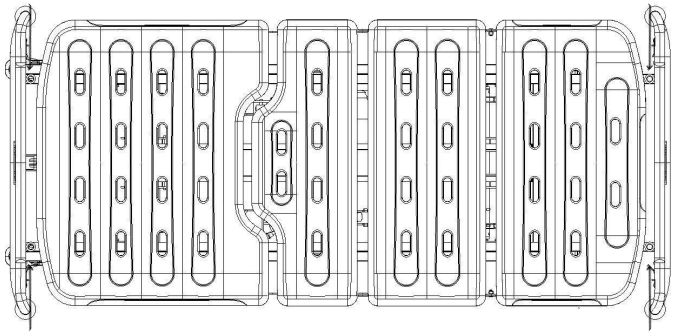


1.4 IV POLE INSTALLATION

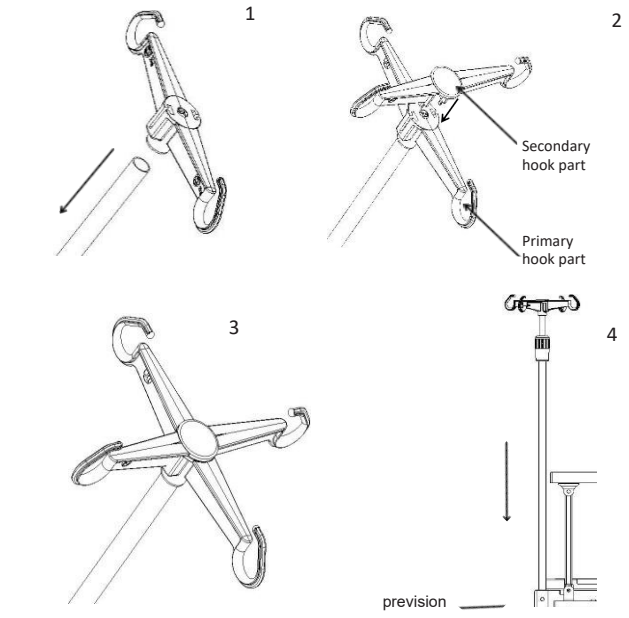
Primary part installation: place the primary plastic hook part on top of the 16mm Ø stainless steel pole and press it down.

Secondary part installation: place the secondary plastic hook part on top of primary, align the secondary hook part's snap with the primary's socket and press it down, after you hear a "click" sound, check if the clip is tight, if so, the installation is completed, ifnot, continue to press down. Place IV pole vertically in one of the IV pole previsions.

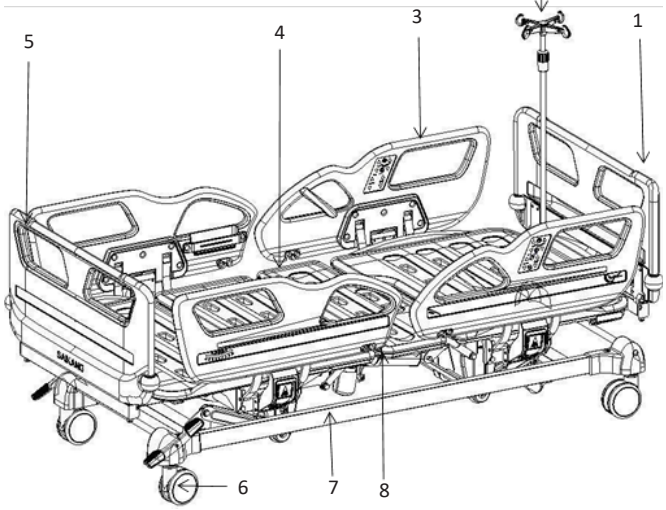
IV pole prevision 1 IV pole prevision 3



IV pole prevision 2 IV pole prevision 4



2. BED OPERATION



1- Head board **2- IV pole** **3- Side rail** **4- Bed board**
5- Foot board **6- Caster** **7- Bed frame** **8- Drainage hook**

Technical parameters:

1	Bed platform dimension	length	1925±10
		width	900±10
		height	455±10
2	Overall dimension	length	2085±10
		width	1025±10
		height	(455-745) ±10
3	Tilt range	back rest	0 ~ 75±5°
		knee rest	0 ~ 32±5°
		reverse trendelenburg	0 ~ 12°
		trendelenburg	0 ~ 12°
4	Weight	Safe working load	250

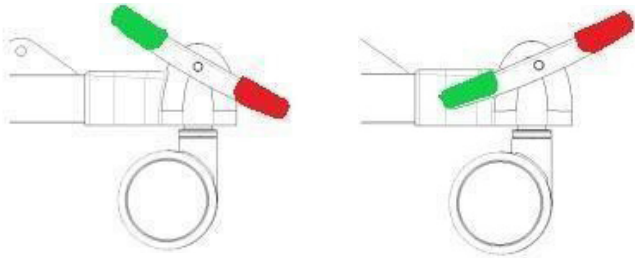
This bed is not suitable for patients weighing less than 40 kg. The maximum recommended patient weight is 218 kg. The safe working load of the bed is 250 kg.
The safe working load is calculated as follows (in accordance with EN 60601-2-52):

Maximum patient weight	218kg
Mattress	7kg
Accessories (including attached loads)	25kg
TOTAL	250kg

2.1 CASTERS USAGE

In this product the central locking system is used, which can lock all four wheels by controlling the brake pedal on one side.
Press the green pedal down to unlock casters, press the red pedal down to lock caters.

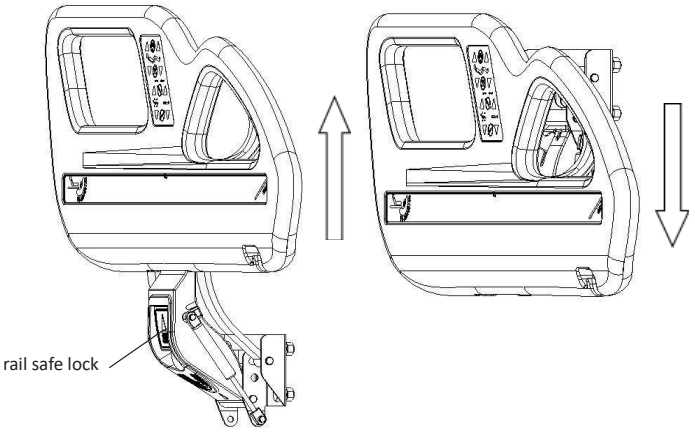
The figures below show two states of the wheels:



Locked state Unlocked state

2.2 SIDE RAIL USAGE

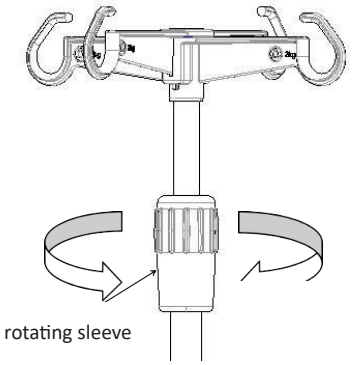
(The picture is for reference only, the actual product shall prevail.)
To raise side rail: hold the rail and pull it up, when you hear “click” sound means the rail is locked, see the pic:



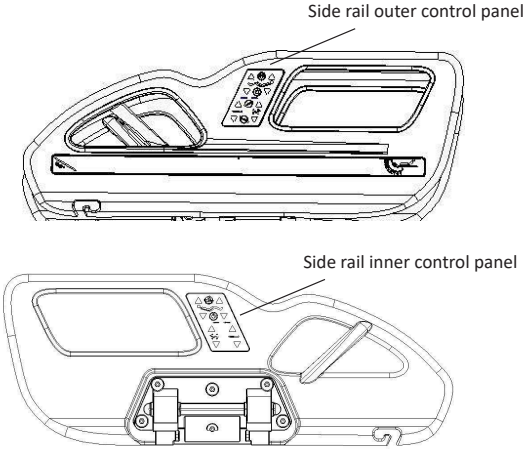
rail To lower side rail: unlock the rail, slowly lower it down, see the pic:

2.3 IV POLE USAGE

IV pole height adjustment: first unscrew the outer rotating sleeve, counterclockwise, insert the inner tube of the IV pole into the rotating sleeve, and then adjust the IV pole height as needed. After adjusting the required height, tighten the outer rotating sleeve, clockwise. Safe working load of each individual hook is 2kg, total safe working load is 8kg.
(height adjustment range: 890-1540mm, the picture is for reference only)

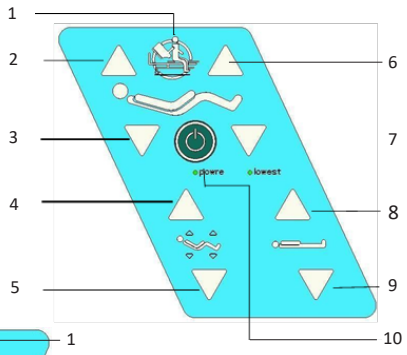


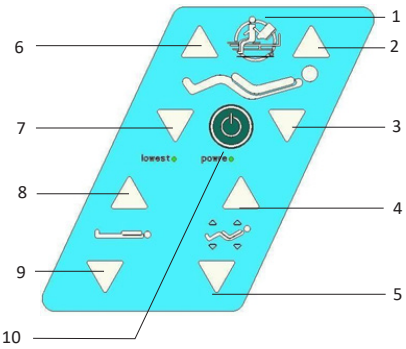
2.4 SIDE RAIL CONTROL PANEL USAGE



2.4.1 Side rail inner control panel

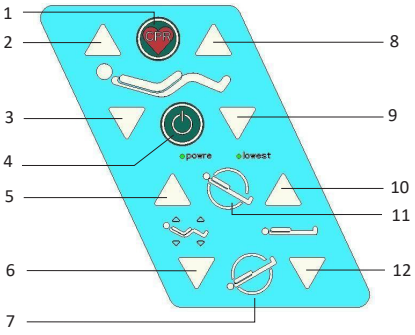
1. Patient mobilization
2. Raise back rest
3. Lower back rest
4. Raise back+knee rest
5. Lower back+knee rest
6. Raise knee rest
7. Lower knee rest
8. Raise bed
9. Lower bed
10. Power on/off

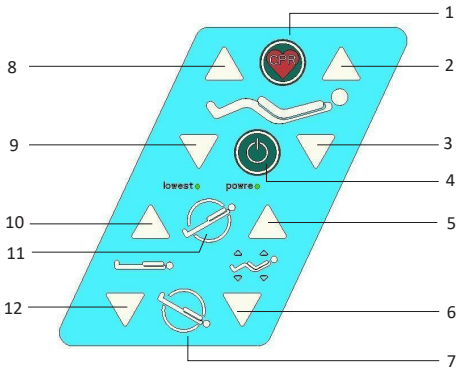




2.4.2 Side rail outer control panel

1. CPR
2. Raise back rest
3. Lower back rest
4. Power on/off
5. Raise back+knee rest
6. Lower back+knee rest
7. Trendelenburg
8. Raise knee rest
9. Lower knee rest
10. Raise bed
11. Reverse Trendelenburg
12. Lower bed

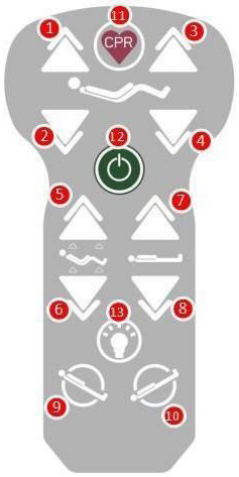




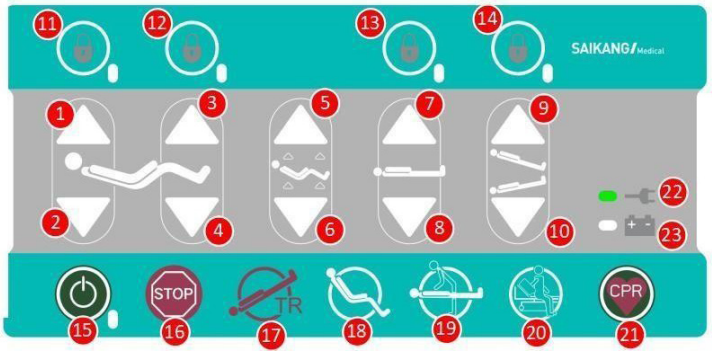
2.5 HAND CONTROL PANEL USAGE (OPTIONAL)

(Note: The hand controller is an optional accessory, is supplied according to requirements) (the picture is for reference only)

1. Raise back rest
2. Lower back rest
3. Raise knee rest
4. Lower knee rest
5. Raise back+knee rest
6. Lower back+knee rest
7. Raise bed
8. Lower bed
9. Reverse Trendelenburg
10. Trendelenburg
11. CPR
12. Power on/off
13. Flash light



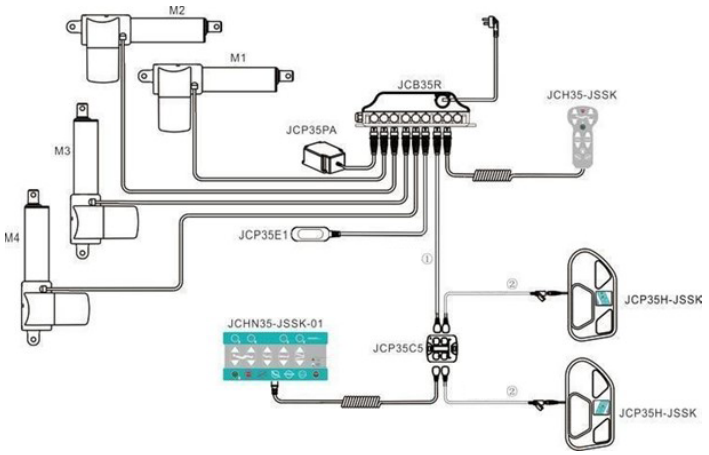
2.6 NURSE CONTROL PANEL USAGE



1. Raise back rest
2. Lower back rest
3. Raise knee rest
4. Lower knee rest
5. Raise back+knee rest
6. Lower back+knee rest
7. Raise bed
8. Lower bed
9. Reverse Trendelenburg
10. Trendelenburg
11. Lock back rest
12. Lock knee rest
14. Lock Trendelenburg
15. Power on/off
16. Emergency stop
17. Trendelenburg
18. Cardiac position
19. Nursing position
20. Patient mobilization
21. CPR

2.7 ELECTRONIC CONTROL SYSTEM COMPOSITION

2.7.1 Electronic control system diagram



Operator priority:

(1)Nurse control panel > Hand controller > Side rail control panel; (2)One priority button can interrupt and terminated the same priority button operation (except hand controller), when one button is released and another one is still pressed, the operation of the last one is continued;

(3)High-priority keys (except CPR, TR, and STOP) can interrupt and terminate low-priority keys. When one button is released and another one is still pressed, the operation of the last one is continued. When CPR, TR or STOP button is pressed during other button operation, CPR, TR or STOP operation is executed.

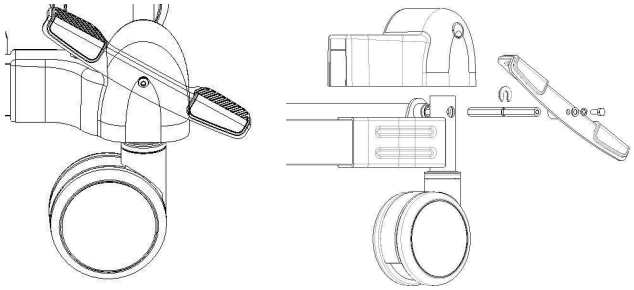
2.7.2 Electronic control parts list

Name	Qty
JC motor 200 vertical(manual CPR)	1
JC knee rest motor 100 horizontal	1
JC bed platform height motor 150 horizontal	2
JC 5-functions control panel	1
JC 3m power cord (environmental)	1
JC 5-functions nurse control panel	1
JC 5-functions hand controller	1
Emergency stop switch box	1
JC night light	1
Adapter box JCP35C5	1
JC battery box	1
JC Adapter cable	2

3. SPARE PARTS REPLACEMENT AND MAINTENANCE

3.1 Caster disassembly and replacement

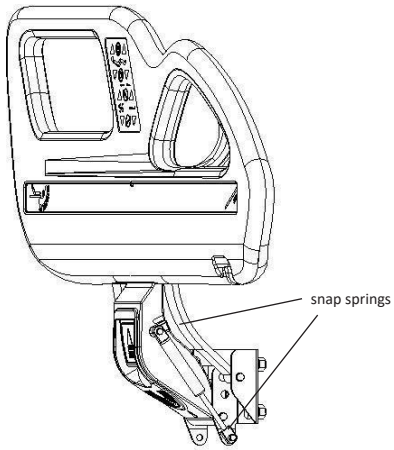
Use 10”inch wrench unscrew the bolt,pull out the screw, flat spring washers, brake pedal,plastic retaining ring, hexagonal rod, etc, replace with spare caster, place the bolt back into the socket, tighten the nut.



3.2 SIDE RAIL GAS SPRING DISASSEMBLY AND REPLACEMENT

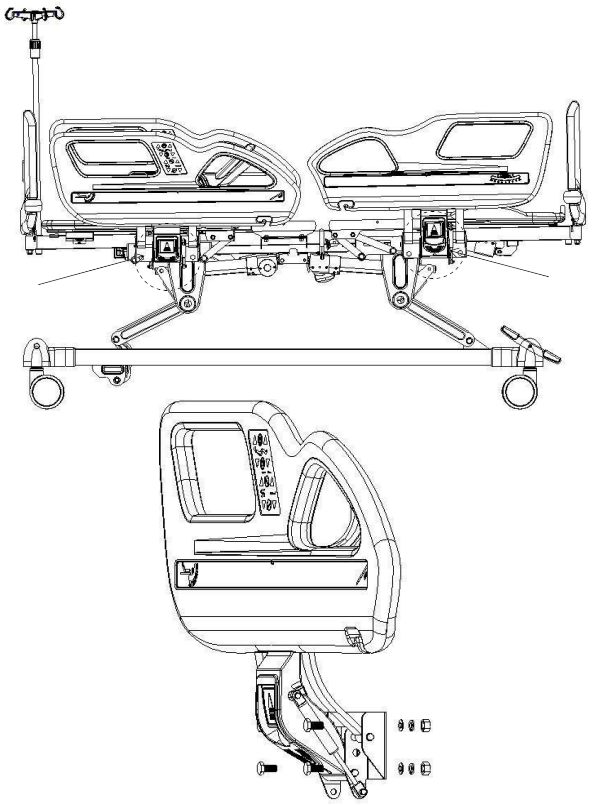
(the picture is for reference only)

Use external calipers to take out the head and tail pins’ snap springs, remove the gas spring, replace it with the spare one, reinstall it, test the rail.



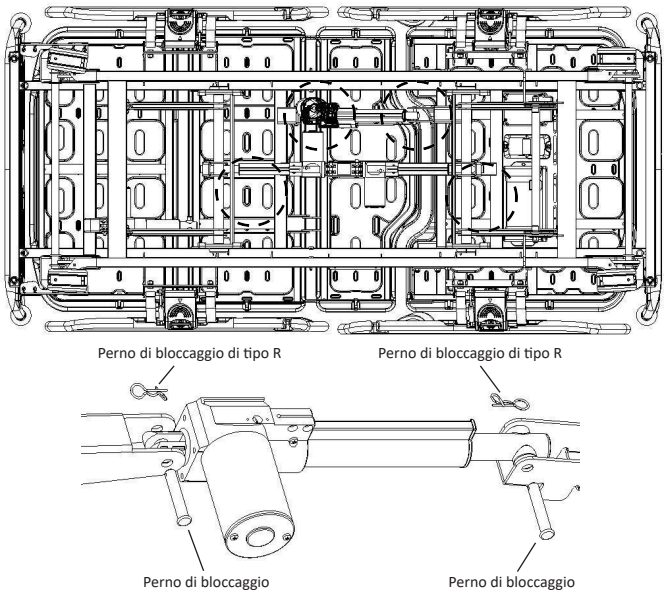
3.3 SIDE RAIL DISASSEMBLY AND REPLACEMENT

First remove the gas spring, using two 14”inch wrenches loosen the nut, remove the nut, remove the bearing, remove the rail. (The picture is for reference only, the actual product shall prevail)



3.4 MOTOR REMOVAL AND REPLACEMENT

After removing the R-type lock pins at both ends of the motor, pull out the lock pins. After motor replacement, install the bolts in the order shown below. (the pic. is for reference only).



4. TROUBLESHOOTING

Issue	Possible reason	Troubleshooting
Bed cannot be adjusted using positioning buttons	Did not power on	Press power on button
	Motor is powered off, Motor malfunction	Check power cords Replace motor, see 3.4
	Power plug isn’t plugged correctly	Plug in power plug correctly
	Control system malfunction	Contact technical support
Bed height adjustment failure	Motor is powered off	Check power cords
	Motor malfunction	Replace motor, see 3.4
	Power plug isn’t plugged correctly	Plug in power plug correctly
	Power box malfunction	Contact technical support
	Control system malfunction	Contact technical support
Back plate cannot be lowered from upright position	Foreign objects under the backplane or in the drive unit	Remove foreign objects
The guardrail cannot be adjusted	Dirty guardrail lock	Clean the locking mechanism
	Side rail safe lock malfunction	Replace side rail, see 3.3
Casters can't turn	The rotating shaft is stuck by strips of dirt	Clean the mechanism rotating
	Malfunction of the internal mechanism of the caster	Replace caster, see 3.1
Unable to install head and foot board	Wrong installation method	Check the locking mechanism, properly position the head and foot board, see 1.2
	Mechanical malfunction	Contact technical support

4.1 PUSH ROD MALFUNCTION HANDLING

Push rod malfunction handling:

(1) Causes of push rods malfunction:

1. push rod’s abnormal Hall signal;
2. first time programming;
3. nurse desk, hand controller, guardrails control panel 6S system malfunction.

(2) Push rod malfunction prompting method: if the M1, M3, M4 malfunctions are detected, JCH35-JSSK Saikang custom hand controller blue indicator is flashing.

(3) Push rod malfunction troubleshooting:

1. By pressing corresponding buttons, raise the M1pus rod to the top position or lower it to the bottom position, so the push rod completes the “rebound”, and the malfunction is fixed;
2. By pressing corresponding buttons, lower the M3, M4 push rods to the bottom position, make them complete “rebound”, and fix the malfunction;
3. When the M3, M4 rods are completely malfunctioned, Reverse TR/TR buttons are not valid;
4. When any push rod is malfunctioned, patient mobilization, cardiac position, TR, emergency buttons are not valid.

4.2 TEST METHOD FOR UNRESPONSIVE SIDE RAIL CONTROL PANEL

Step 1, check if the emergency stop switch is pressed

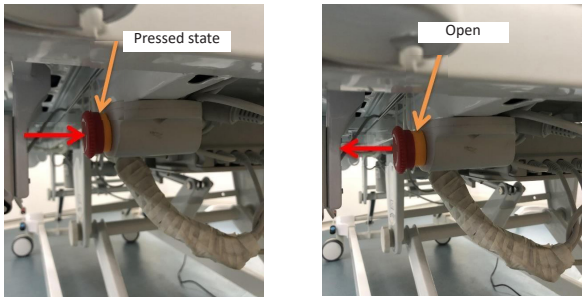
A. Check: if the emergency stop switch is pressed;

B. Check method: turn the emergency stop switch clockwise to open(it bounces out for a short distance), see pic 1-1;

C. Define a problem: if the emergency stop switch pops up, it means that it has been pressed; if the emergency stop switch doesn’t pop up, it means that it is already in

the open state, and there is no need to rotate it;

D. Conclusion: after the above three steps are finished, test the guardrail, if there is still no response, go back to step 2.



Pic. 1-1

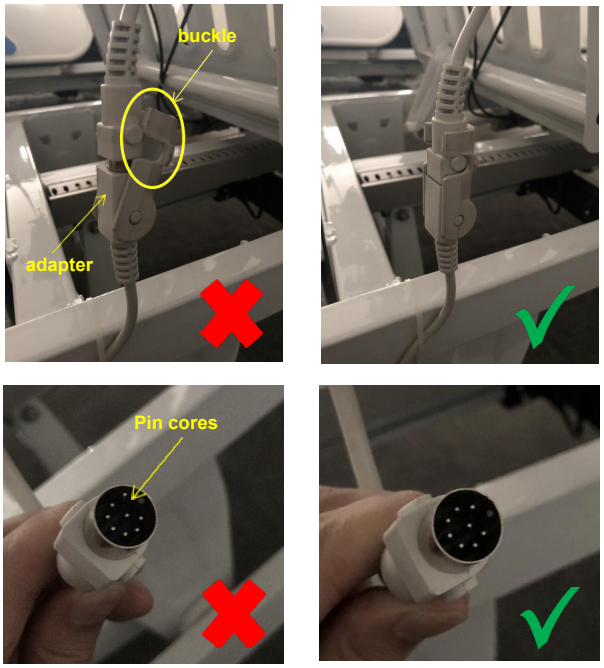
Step 2: check whether the guardrail buckle is loose or the pin cores are deformed.

A. Check the content: check whether side rail buckle is loose, or pin cores are deformed;

B. Check method: follow the connecting line under back board side rail, find the side rail adapter, see pic.1-2;

C. Problem determination： the buckle is loose, as on pic.1-2 lock the buckle; pin cores are deformed, using a flat-blade screwdriver rectify pin cores, make sure it's connected tightly with the adapter;

D. Conclusion： after the above three steps, check the side rail control panel, if it still unresponsive, move to the Step 3.



Pic. 1-2

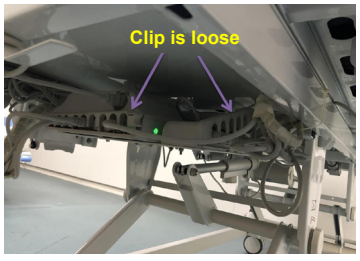
Step 3: Check if the controller plug is loose

A. Check the content： check if the controller plug is loose;

B. Check method:

① Check if the controller clip on the bed frame under the back plate is loose or dislodged, see pic.1-3;

② Check if the plug is loose;



Pic. 1-3

C. Problem determination： loose clips can easily lead to loose plugs, please fasten the clips after the plugs are firmly inserted;

D. Conclusion: after the above three steps, check the side rail control panel, if it still unresponsive, move to the Step 4.

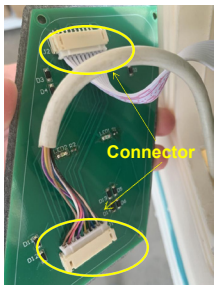
Step 4: Check if the side rail control circuit board connector is loose

A. Check the content: side rail circuit board connector is loose;

B. Check method: peel off the cover sticker from the side rail control panel, using screwdriver unscrew 4 screws, see pic.1-4;

Pic. 1-4

C. Problem determination: if the circuit board connector is loose, plug it in tightly, see pic.1-5;



Pic. 1-5

D. Conclusion: after the above three steps, check the side rail control panel, if it still unresponsive, means the control panel is damaged, and should be replaced.

4.3 TEST METHOD FOR UNRESPONSIVE FOOT BOARD CONTROL PANEL

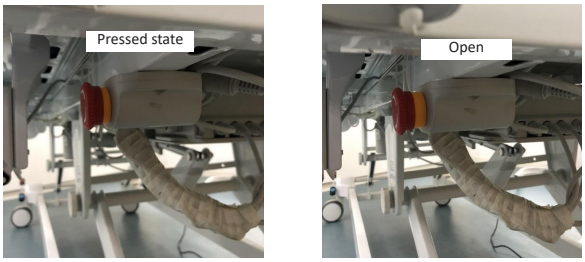
Step 1: check if the emergency stop switch is pressed

A. Check the content: if the emergency stop switch is pressed;

B. Check method: turn the emergency stop switch clockwise to open(it bounces out for a short distance), see pic.1-1;

C. Problem determination： if the emergency stop switch pops up, it means that it has been pressed; if the emergency stop switch doesn't pop up, it means that it is already in the open state, and there is no need to rotate it;

D. Conclusion: after the above three steps, check the side rail control panel, if it still unresponsive, move to the Step 2.



Pic. 2-1

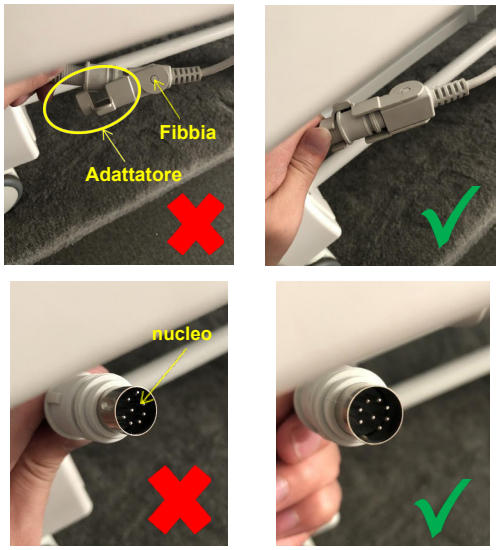
Step 2: check whether the guardrail buckle is loose or the pin cores are deformed

A. Check the content: foot board buckle is loose, pin cores are deformed;

B. Check method: follow the connecting line of the foot board, find the foot board adaptersee pic.2-2;

C Problem determination: buckle is loose, as on pic.2-2 lock the buckle; pin cores are deformed, using a flat-blade screwdriver rectify pin cores, make sure it's connected tightly with the adapter;

D. Conclusion: after the above three steps, check the side rail control panel, if it still unresponsive, move to the Step 3.



Pic. 2-2

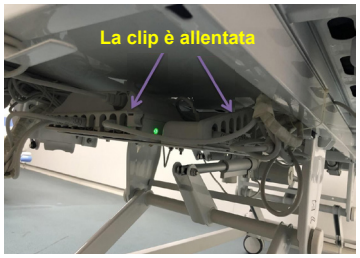
Step 3: Check if the controller plug is loose

A. Check the content: controller plug is loose;

B. Check method:

①Check if the controller clip on the bed frame under the back plate is loose or dislodged, see pic.2-3;

②Check if the plug is loose;



Pic. 2-3

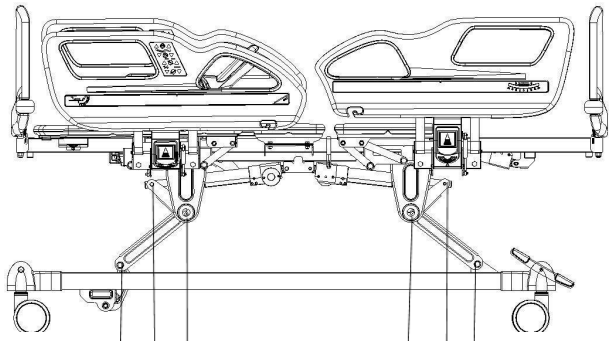
C. Problem determination: loose clips can easily lead to loose plugs, please fasten the clips after the plugs are firmly inserted;

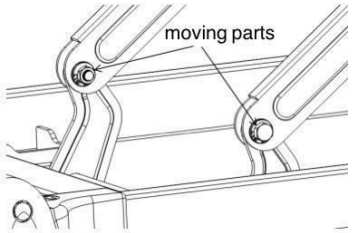
D. Conclusion: after the above three steps, check the side rail control panel, if it still unresponsive, means the control panel is damaged, and should be replaced.

5. BED MAINTENANCE

1. In order to use the bed safely, it is necessary to conduct regular safety inspections on the bed, it's recommended to conduct a comprehensive inspection every six months to ensure the connection parts are not loose and the lifting function of the bed is operating normally.

2. The connection of the frequently moving parts of the bed needs to be lubricated with an appropriate amount of oil during daily inspection; is serious wear is found, it should be replaced immediately to ensure safety. The moving part in figure below:





3. Avoid hitting the bed and scratching the coating on the bed surface with sharp objects.

4. Please prevent the bed and mattress from absorbing water and moisture, which may cause rust, abnormal noises and bacterial growth. If there was water spilled, please wipe it off immediately.

5. When the bed ages and reaches its service life time, the metal part and the plastic parts can be recycled.

6. BED CLEANING PRECAUTIONS

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

2. Do not use volatile items (thinners, propellants, gasoline, etc)

that may cause chemical reactions and damage the bed.

3. When cleaning with a disinfectant, be sure to use it after diluting it at the specified concentration. Depending on the composition of the disinfectant, it may corrode metal parts, resin parts, etc, causing discoloration, deformation and other undesirable consequences. Therefore, the recommended content of the disinfectant is as follows:

0.05～0.2% ammonium chloride

0.05～0.2% chlorinated phenyl

0.05% dichlorobenzene biguanide ethane

0.05～0.2% sodium hypochlorite

Do not use a smoking sterilizer or autoclave, and do not use methyl phenol to clean the head foot board, bed feet, etc, which may cause corrosion, discoloration, deterioration.

Note: 1. Unplug power cable before cleaning and maintenance

1. During the cleaning, DO NOT splash water to prevent short circuit and electric shock.

2. When cleaning the bed or changing bedding, pay attention to the corners, edges and screw parts of the frame to prevent scratches.

7. MATTRESS MAINTENANCE

1. Avoid scratching the fabric with sharp-angled appliances or knives when using it, cover it with sheets or cleaning pads, and clean it frequently to keep it clean and dry.

2. Regularly clean the mattress cover with a vacuum cleaner, it can be washed directly with water or detergent.

3. Air the mattress often to keep your sleep fresh and comfortable, but be careful not to expose the mattress to the sun for too long.

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

5. If you accidentally get chewing gum or other glue-like objects on the fabric, do not wipe it forcibly. You can use am ice pack to allow it to harden and then peel it off gently.

6. If the thread is found to be loose due to wear and tear, it cannot be broken by hand, and it should be cut short with scissors.

8. CASTERS INSPECTION AND MAINTENANCE

1. Check the casters regularly, avoid hitting heavy objects or overloading, which will cause damage to the casters.

2. The casters should be applied with lubricating grease regularly, the frequency of appliance should be determined according to the specific actual use situation. Under normal conditions, the grease should be applied every six month.

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

4. It's forbidden to push the bed with force when the casters are braked, which will cause damage to the braking system.

5. The wear of the tire tread of the caster can be detected by visual inspection. Some accumulations such as thread and spun yarn may wrap around the caster. Remove the bolts and nuts of thecaster, clean up the debris, and check whether the bearing of the caster is damaged. If the parts are not damaged, the caster can be reassembled and used.

6. Decision whether to replace entire caster is according to the wear condition. After the caster is replaced or reinstalled, make sure that the axle bolt and nut are connected reliably, and use lock washers or lock nuts as much as possible.

7. For casters equipped with brakes, it is necessary to regularly check whether the brakes work normally, and check the brakes every day or before each use. For a hospital bed equipped with multiple brake casters, you can lock only one brake caster at a time and try to push the bed to check whether the braking performance of each caster is good. If the caster brake fails to function due to wear or damage to the caster, replace the caster immediately and retest the brake system.

8. If the mechanism of the brake system is damaged, and the brake needs to be repaired or replaced, please contact our after- sales or an authorized dealer. Every time the brakes arereplaced, the brake performance of the casters needs to be retested.

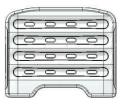
9. SIDE RAILS MAINTENANCE

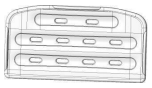
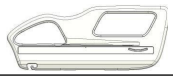
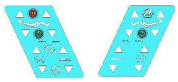
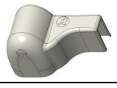
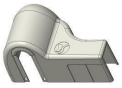
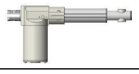
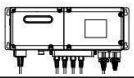
1. Please check whether the side rails are installed correctly to prevent the lying patient from shifting and rolling off.

2. Please always check the screws of the side rail and the side rail fittings, to prevent loosening and falling off.

3. Please use the red part of the side rail handle correctly, do not use brute force to pull hard, which will cause damage to the side rail.

10. LIST OF WEARING AND SPARE PARTS

№	Name	Material code	Picture	Specification
1	V21 head board	GPSL101TS648		990*460
2	V21 foot board	GPSL101TS648		990*460
3	V21 bed board 1	GPSL101TS610		733*903/PP/white
4	V21 bed board 2	GPSL101TS611		333*903/PP/white
5	V21 bed board 3	GPSL101TS613		373*903/PP/white

6	V21 bed board 4	GPSL101TS614		473*903/PP/white
7	V21 back board guardrail,with control panel, left, blow molding	GPSL101TS604		924*350mm/PP/wh ite
8	V21 back board guardrail,with control panel, right, blow molding	GPSL101TS605		924*350mm/PP/wh ite
9	V21 foot board guardrail, left, blow molding	GPSL101TS608		924*350mm/PP/wh ite
10	V21 foot board guardrail, right, blow molding	GPSL101TS609		924*350mm/PP/wh ite
11	V21 guardrail 5-functions control panel, left	LGPDJ101TS82 0		Back rest, knee rest, back+knee rest, bed height, lock, CPR, patient mobilization
12	V21 guardrail 5-functions control panel, right	LGPDJ101TS81 9		Back rest, knee rest, back+knee rest, bed height, lock, CPR, patient mobilization
13	Nurse control panel	/		/
14	V21 back board guardrail sticker	LGPFU101TS4 16		780*35*0.4
15	V21 foot board guardrail sticker	LGPFU101TS4 17		750*35*0.4
16	Guardrail damper(white)	LGPQT101TS0 24		18-58-168-35N
17	30-50 drainage hook	BYKBGKM0280 6		30-50(plastic)
18	Stainless Steel IV pole with 4 plastic hooks	S0FJSY010003		Φ16-19/off-white
19	Foot cover (left)	BYKBGKM0240 2		white
20	Foot cover (right)	BYKBGKM0240 3		white
21	bed foot cover	BYKBGKM0240 4		white
22	Brake pedal (left) A	BYKBGKM0281 7		green
23	Brake pedal (left) B	BYKBGKM0281 8		red
24	Brake pedal (right) A	BYKBGKM0281 9		green
25	Brake pedal (right) B	BYKBGKM0282 0		red
26	5 inch central control double-sided wheel	BYDYGX10513 4		/
27	JC motor 200 vertical (manual CPR, Hall)	LGPDJ101TS82 1		JC35L10Y4424200 /385VGDZK2102D 0
28	JC knee rest motor 100 horizontal	LGPDJ101TS80 5		JC35D106324100/ 275HGDZD0102D 0
29	JC height motor 150 horizontal	LGPDJ101TS80 6		JC35D1Y6324150/ 325HGDZD0102D 0
30	JC 3m power cord	LGPDJ101TS69 4	/	GB 3 plug
31	JC 5-functions controller	LGPDJ101TS81 8		JCB35R-AM-4-3-G -R0088-100-03-14
32	Emergency stop switch box	LGPDJ101TS59 0		JCP35Q-G-4D1-2 D0
33	JC 5-functions nurse control panel	LGPDJ101TS72 1		/
34	Adapter box JCP35C5	LGPDJ101TS76 8	/	JCP35C5-4-G
35	JC Adapter cable	LGPDJ101TS72 2	/	1.5m off-white 10 core crystal head waterproof bend 9-pin waterproof motor socket plug 10-pin transfer cable
36	JC Adapter cable	LGPDJ101TS83 9	/	1.5m off-white 10 core crystal head waterproof bend 8 core yellow motor straight plug 6-pin patch cord

Note: Due to the renewal of product lineup, the parts of the original product may not be available. (The company ensures availability of the parts for sold products within 6 years after their production ends.)

11. PACKAGING, TRANSPORTATION AND STORAGE CONDITIONS

1. The packaging of the manual bed is carried out according to the contract or product standard.
2. During the transportation of the product, avoid rushing out, violent vibration, prevent direct sun and rain access.
3. Store conditions:
   a) Ambient temperature: -10℃ ～ 40℃
   b) Relative humidity: ≤ 95%
   c) Atmospheric pressure: 500hPa ～ 1060hPa

ELECTRIC VARIABLE HEIGHT BED – V8v8c		
Supply voltage	V	100-230V a.c.
Network frequency	Hz	50/60Hz
Operating voltage	VA	500 VA
Class of electrical protection	-	I
Applied part	-	B
Battery capacity	Ah	12V d.c. 1.3Ah
IP Protection		IPX4

Symbol explanation:

 Notice！ Read attachment paper IPX4 splash proof

 Protective grounding

12. AFTER-SALES SERVICE

1. Please preserve the attachment papers and invoice of this product, you need to present those to enjoy after-sales maintenance service.
2. If you have any question during use, please contact us any time, so that our company can provide you with accurate and efficient technical support and maintenance services in a timely manner.
3. Starting from the purchase date and during one year, if any malfunction or damage occurs when the product is installed and used correctly according to the instructions, you can enjoy free warranty and lifetime maintenance service presenting a “certificate” or invoice.
4. Do not disassemble the internal parts of this product by yourself to avoid unnecessary damage. I you find that the use is affected by quality issues, please contact the company’s after-sales service department or the authorized distributor.
5. Starting from the date of purchase within 1 year, if the product cannot work normally due to quality problems, the company will repair it for clients for free.
6. The warranty is guaranteed according to the contract requirements. Outside the warranty period, the company is responsible for maintenance, providing accessories, and implementing life-long service for clients.
7. After-sales service unit: Jiangsu Saikang Medical Equipment Co., Ltd.

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.

EMC

1) This product needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided, and this unit can be affected by portable and mobile RF communications equipment.

2) * Do not use a mobile phone or other devices that emit electromagnetic fields, near the unit. This may result in incorrect operation of the unit.

3) Caution: This unit has been thoroughly tested and inspected to assure proper performance and operation!

4) * Caution: This machine should not be used adjacent to or stacked with other equipment and that if adjacent or stacked use is necessary, this machine should be observed to verify normal operation in the configuration in which it will be used.

Guidance and Manufacturer's Declaration – Electromagnetic Immunity		
The V8v8c is intended for use in the following electromagnetic environment. The customer or user of the V8v8c should make sure it is used in such an environment		
Emission test	Compliance	Electromagnetic Environment - Guidance
RF Emission to CISPR 11	Group 1	The bed uses RF energy for its internal function
RF Emission to CISPR 11	Class B	The bed is intended for use in all types of establishment including residential and similar user that are directly connected to a public supply network that also serves buildings used for residential purposes
Harmonics according to IEC 61000-3-2	Class A	
Voltage fluctuations/ flicker acc. to IEC 61000-3-3	Complies	

Guidance and Manufacturer's Declaration - Electromagnetic Immunity		
The V8v8c is intended for use within healthcare facility environment. Users or customers must use bed in this environment		
Immunity test	IEC 60601-1-2/ EN 60601-1-2 Test level	Electromagnetic Environment -Guidance
Electrostatic discharge (ESD) IEC 61000-4-2 /EN 61000-4-2	Contact discharge: +8kV Air discharge: +2kV, +4kV, +8kV, +15kV	Contact discharge: +8kV Air discharge: +2kV, +4kV, +8kV, +15kV Floor should be made of wood and concrete or be tiled with ceramic tiles. If the floor is covered with synthetic flooring material, the relative air humidity must be at least 30% Can be used when higher ESD levels are present
Electrical fast transient/burst IEC 61000-4-4 /EN 61000-4-4	+2kV Power supply line +1kV Input/Output lines	+2kV Power supply line The quality of the supply voltage should be equivalent to that of a typical business or hospital environment.
Surge IEC 61000-4-5 /EN 61000-4-5	Line - line: +0.5kV, +1.0kV Line - ground: +0.5kV, +1.0kV, +2.0kV	Line - line: +0.5kV, +1.0kV Line - ground: +0.5kV, +1.0kV, +2.0kV The quality of the supply voltage should be equivalent to that of a typical business or hospital environment.
Power Frequency Magnetic Fields IEC 61000-4-8 /EN 61000-4-8	30 A/m 50Hz/60Hz	30 A/m 50Hz/60Hz Magnetic fields with a network frequency should be equivalent to those to be found in a typical business or hospital environment.
Voltage Dips IEC 61000-4-11 /EN 61000-4-11	0% UT: 0.5 cycles Phase: 00, 450, 900, 1350, 1800, 2250, 2700, 3150	0% UT: 0.5 cycles Phase: 00, 450, 900, 1350, 1800, 2250, 2700, 3150
	0% UT: 1 cycle 70% UT: 25/30 cycles Single phase: 00 0% UT ; 300 cycle	0% UT: 1 cycle 70% UT: 25/30 cycles Single phase: 00 0% UT ; 300 cycle The quality of the supply voltage should be equivalent to that of a typical business or hospital environment. If the person using the bed requires that the bed functions must continue despite any interruptions in the energy supply, it is recommended that the bed be connected to an uninterruptible electricity supply or a battery
Short interuptions IEC 61000-4-11 /EN 61000-4-11	0% UT: 250/300 cycles	0% UT: 250/300 cycles The quality of the supply voltage should be equivalent to that of a typical business or hospital environment. If the person using the bed requires that the bed functions must continue despite any interruptions in the energy supply, it is recommended that the bed be connected to an uninterruptible electricity supply or a battery
Note: UT is the AC Power voltage before applying in the test level		

Guidance and Manufacturer's Declaration - Electromagnetic Immunity
The V8v8c is intended for use in an electromagnetic environment that used wireless RF transceiver. Electromagnetic interference can be prevented by maintaining the minimum distance between RF transceiver and V8v8c depend on the maximum output and frequency of the communication device as recommended below.

Immunity test	IEC 60601-1-2 /EN 60601-1-2 Test level	Compliance level (V/m)	Band (MHz)	Service	Modulation	Maximum power (W)	Distance (m)
Enclosure port to RF wireless communication sequipment IEC 61000-4-3 /EN 61000-4-3	27V/m 385MHz	27	380-390	TETRA 400	Pulse modulation18Hz	1.8	0.3
	28V/m 450MHz	28	430-470	GMRS 460, FRS 460	FM+5 kHz deviation 1 kHz sine	2	0.3
	9V/m 710MH	9	704-787	LTE Band 13, 17	Pulse modulation217Hz	0.2	0.3
	9V/m 745MHz						
	9V/m 780MHz						
	28V/m 810MHz	28	800-960	GSM 800/900, TETRA 800, iDen 820, CDMA 850 LTE Band 5	Pulse modulation18Hz	2	0.3
	28V/m 870MHz						
	28V/m 930MHz						
	28V/m 1720MHz	28	1700-1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1,3, 4,25; UMT S	Pulse modulation217Hz	2	0.3
	28V/m 1845MHz						
	28V/m 1970MHz						
Enclosure port to RF wireless communication sequipment IEC 61000-4-3 /EN 61000-4-3	28V/m 2450MHz	28	2400-2570	Bluetooth, WLAN, 802.11 b/g/n RFID 2450, LTE band 7	Pulse modulation18Hz	2	0.3
	9V/m 5240MHz	9	5100-5800	WLAN 802.11 a/n	Pulse modulation217Hz	0.2	0.3
	9V/m 5500MHz						
	9V/m 5785MHz						

Guidance and Manufacturer's Declaration - Electromagnetic Immunity			
The V8v8c is intended for use in the following electromagnetic environment. The customer or user of the V8v8c should make sure it is used in such an environment.			
Immunity test	IEC 60601-1-2 /EN 60601-1-2 Test level	Compliance level	Electromagnetic Environment - Guidance
RF Conductivity IEC 61000-4-6 /EN 61000-4-6	3V 0.15MHz-80MHz	3V 0.15MHz-80MHz	Field intensity from the fixed RF transmitter determined by a field investigation of the magnetic field must be lower than the compliance level of the respective frequency band. Near devices with the following symbol, interference could occur. 
	6V in ISM bands between 0.15MHz-80MHz 80%AM at 1kHz	6V in ISM bands between 0.15MHz-80MHz 80%AM at 1kHz	
Radioactive RF electromagnetic field IEC 61000-4-3 /EN 61000-4-3	3V/M 80MHZ-2.7GHz 80%AM at 1kHz	3V/M 80MHZ-2.7GHz 80%AM at 1kHz	

a. The intensity of a magnetic field from fixed transmitters such as a radio (mobile/radio) telephone base station, land mobile radio, amateur radio, AM and FM radio broadcasting, and TV broadcasting cannot be theoretically predicted accurately. To determine the electromagnetic environment for a fixed RF transmitter, consider investigating the electromagnetic field in the location where the bed is used. If the intensity of the magnetic field in the location where the V8v8c is used exceeds the above RF compliance level, make sure to monitor if the V8v8c operates appropriately. If abnormal movement is found, take additional measures as needed, such as changing the direction or position of the V8v8c.

b. These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects, and people.

SYMBOL EXPLANATION:

	Keep away from sunlight	CE	Medical Device compliant with Regulation (EU) 2017/745
REF	Product code		Follow instructions for use
	Date of manufacture	LOT	Lot number
	Caution: read instructions (warnings) carefully		Temperature limit
	Imported by	SN	Serial number
	Atmospheric pressure limit		Keep in a cool, dry place

	Manufacturer		Medical Device
	Authorized representative in the European community		Humidity limit
	Type B applied part		WEEE disposal
	Press the red handle to lower the side rail(unlock), to secure press the red handle and push forward until you hear click		

Disposal: The product must not be disposed of along with other domestic waste. The users must dispose of this equipment by bringing it to a specific recycling point for electric and electronic equipment.

GIMA WARRANTY TERMS
The Gima 12-month standard B2B warranty applies.