

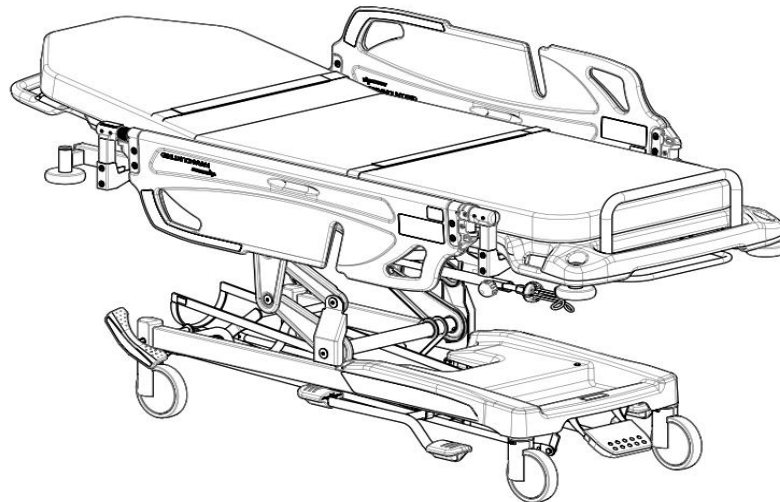


INSTRUCTION MANUAL

K6 Series

Transport Stretcher

7B01010900A1



Preface

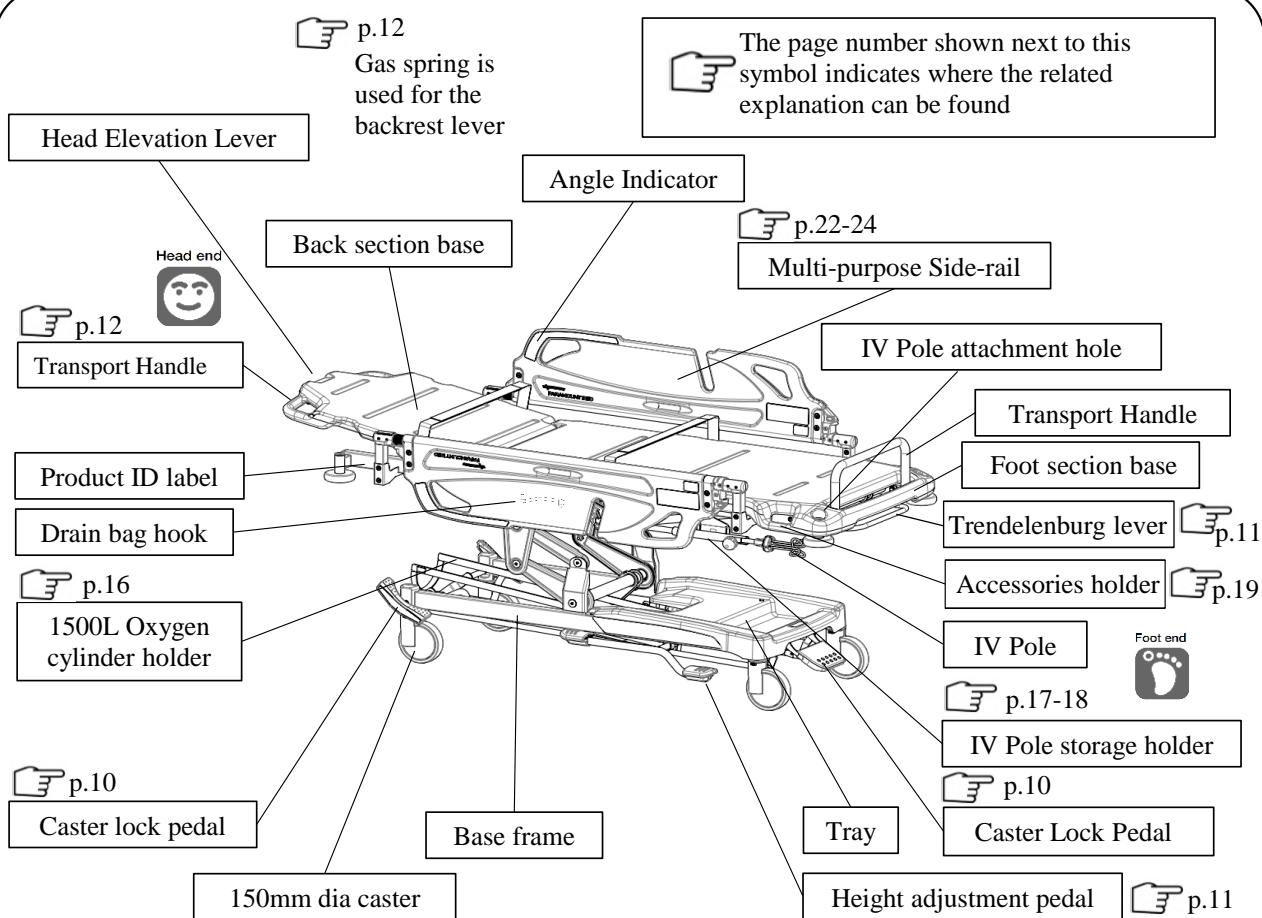
Thank you for purchasing the **K6 Series Transport Stretcher** (hereafter referred to as the “stretcher”).

This instruction manual describes precautions and how to safely use and operate the stretcher.

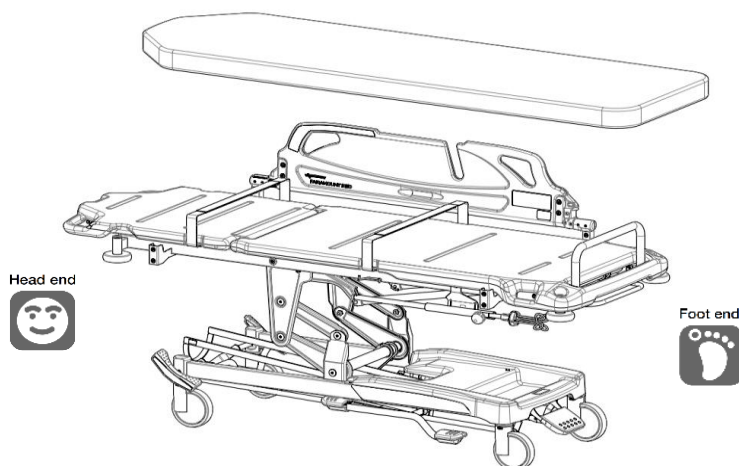
- **Before using this stretcher, please read this instruction manual to fully understand the safe and proper operating procedures.**
- After reading this instruction manual, store where it can be easily accessed for later reference.
- The actual stretcher purchased may differ from detailed descriptions given in this instruction manual due to product improvements.
- Values described for the operation range, dimensions, angles, and mass may include some errors. Excluding special cases, in this instruction manual, for display purposes words such as approximately, about, etc. are omitted.
- For any queries, please feel free to directly contact Paramount Bed
- Users and/or carers are requested to report information about any serious incident related to this stretcher that occurs within the EU to the manufacturer and the regulating authority of the member country of residence. ' Serious incident ' means any incident that directly or indirectly led, might have led or might lead to any of the following:
 - a) The death of a user, carer or other person.
 - b) The temporary or permanent serious deterioration of a user's, carer's or other person's state of health.
 - c) A serious public health threat.

	Page
1 PART NAMES	2
2 INTENDED USE/SPECIFICATION	3
3 SAFETY PRECAUTIONS	4-9
4 OPERATION PROCEDURES	10-20
1. Casters	10
2. Height adjustment	11
3. Trendelenburg lever	11
4. Head elevation lever	12
5. Multi-purpose Side-rail	13-15
6. Restraint belt	15
7. 1500L Oxygen cylinder holder	16
8. IV Pole	17-18
9. Drain bag hook / Accesory Holder	19
10. Mattress	19
11. 500L/1000L Oxygen cylinder holder for PK-6015/PK-6025	20
5 SUITABLE PRODUCTS	21
1. Monitor Table (PC-5136)	21
6 PATIENT TRANSFER	22-24
7 PRODUCT SYMBOL DEFINITIONS	25-26
8 REGULAR INSPECTION AND DAILY MAINTENANCE	27-28
9 TROUBLESHOOTING	29
10 LONG-TERM STORAGE AND TRANSPORTATION	30
11 AFTER-SALES SERVICE	31

1 PART NAMES

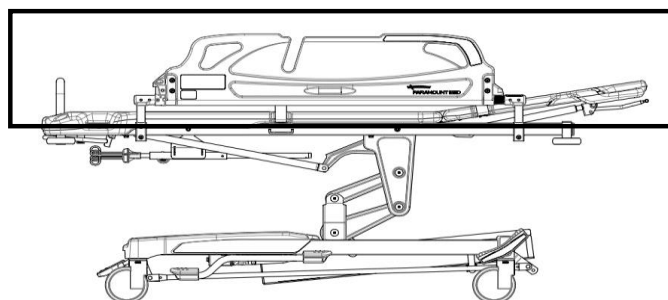


【Urethane Mattress】



【Applied part】

Part of ME EQUIPMENT that in normal use necessarily comes into physical contact with the patient for ME EQUIPMENT to perform its function.



2 INTENDED USE/SPECIFICATION

1. Intended use/Patient target group and Clinical benefit

■ Intended use

This stretcher is designed to be used in medical institutions to transport patients or support them as they receive treatment.

Patient target group	Support age range	13 years and older *Do not use the stretcher for children (aged 12 or under) or patient weighing more than 165kg.
	Maximum user weight	165kg.
Intended users		Health care workers, Clinical engineer, and Maintenance staff
Clinical Benefit		Easy patient transport in hospitals
		Safe and efficient patient transfer to hospital beds
		Easy and safe treatment reception of the patient

2. Specification

Product Name		Transport Stretcher					
Model No.		PK-6005	PK-6015	PK-6025	PK-6035	PK-6115	PK-6215
Dimensions	Total length (cm)	213					
	Total width (cm)	76					
	Mattress Base Height (cm)	50 to 82					
	Height from Mattress Top (cm)	58 to 90					-
	Total Height (cm)	82 to 114				93 to 125	82 to 114
	Head Up	0° to 90 ± 9°					
	Trendelenburg	0° to 12 ± 2°					
	Casters	150mm dia. Casters with one anti-static casters					150mm dia. Casters with two anti-static casters on the foot side
Product weight (kg)		90	89	89	86	95	84
Maximum patient weight		165kg					
Safe working load *)		2254N (230kgf)					
Service life		8 years (based on Paramount data), excluding consumable items such as casters.					
Mattress	Dimensions (cm)	205 x 66 x 8					without mattress
	Surface material	Vinyl leather					
	Core material	Urethane foam					
Materials	Main Frame	Made of steel, Powder Coating					
	Base Frame Cover	Polypropylene (PP)					
	Mattress base	HDPE					
	Multi-Purpose Side-rail	HDPE					
Oxygen cylinder holder	Capacity of compatible	1500L	1000L	500L	-	1000L	
	Load Capacity	30kg	15kg	15kg	-	15kg	
IV Pole		Load capacity: 1 kg/hook					
Accessories		-	-	-	-	Monitor Table (PC-5136) Load capacity: 20 kg	-

* Safe working load: Maximum weight that the stretcher can safely accept (the total load of the patient's weight and incidental items including the mattress and other options)

Environmental conditions	Range	
	When transported or stored	When in use
Temperature	-10°C to 50°C	0°C to 40°C
Humidity	30%RH to 90%RH	30%RH to 90%RH
Atmospheric pressure	700hPa to 1060hPa	700hPa to 1060hPa

• Essential performance

Function to support and transfer the body of patients

• Classification and Standards



The Transport Stretcher described in this instruction manual is designed and manufactured according to the following equipment classification and standards.

- Classification as Medical Device in Europe : Class 1
- Safety standards applied : IEC 60601-1:2005+AMD1:2012+AMD2:2020
: EN60601-1:2006+A1:2013+A2:2021

3 SAFETY PRECAUTIONS

■ Be sure to read these safety precautions beforehand to ensure proper usage.

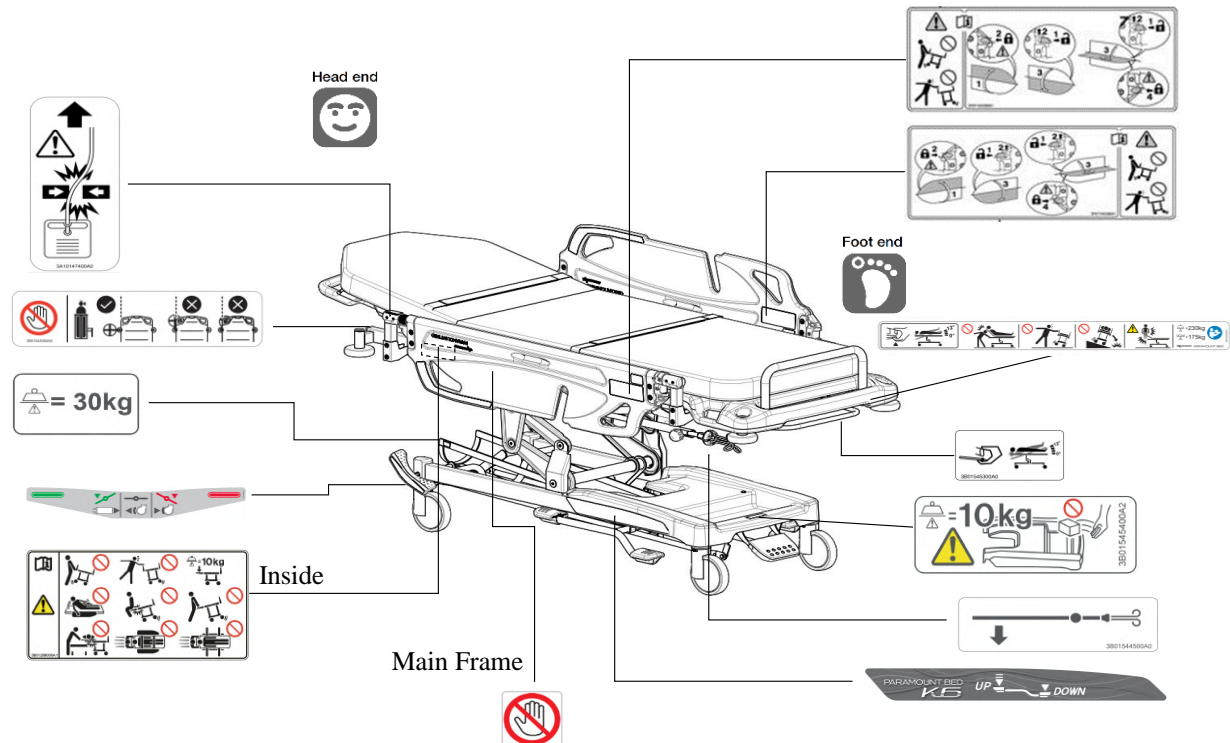
- The safety precautions described here are intended to ensure safe use of the product and prevent personal injury. Precautions are classified as "WARNING", "CAUTION" to indicate the degree of hazard or injury that may result from improper use. **Both are important safety precautions that must be strictly observed.**

 WARNING	Indicates actions that may result in death or serious injury (broken bones, pressure or paralysis) if the indication is ignored.
 CAUTION	Indicates actions that may result in light personal injury (bruises, wounds, or cuts) or property damage if the indication is ignored.

Note :After reading this instruction manual, store it in a place that can be easily accessed for later reference.

[Safety label]

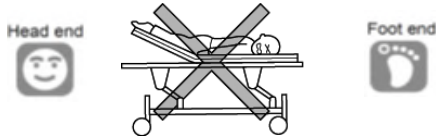
- Precautions requiring special attention by persons using the stretcher are described on labels and affixed to the following locations. Do not remove or deface any labels.
- If the safety label is removed or defaced, replace the part to which the label is affixed. Contact Paramount Bed or your distributor (see "Contact Information" on p.31) for any queries.



3 SAFETY PRECAUTIONS

WARNING

■ Place the patient on the stretcher with his/her head and feet oriented in the proper directions.



- Have the patient lie down on the stretcher with his/her head positioned at the head end of the stretcher and feet at the foot end. If the patient lies down the other way, he/she could accidentally release the lock for the Multi-purpose Side-rail, which could cause him/her to fall off and get injured.
- Lying down on the stretcher with the feet at the head end and the head at the foot end induces an unnatural posture during stretcher operation (mattress base angle) which may result in injury.

■ Do not raise the backrest when a patient is lying face down or on their side (in any posture other than lying face up).

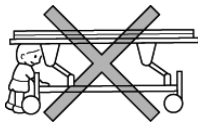
- Attempting to force the patient to bend his/her legs, arms, or other bendable body parts too far or hard or in the wrong direction could cause him/her to become injured.

■ Do not stand up on the stretcher.



- There is a risk of injury caused by falling or toppling from the stretcher. In particular, be careful with children.

■ Do not crawl under or place your head, hands, or legs under the stretcher.

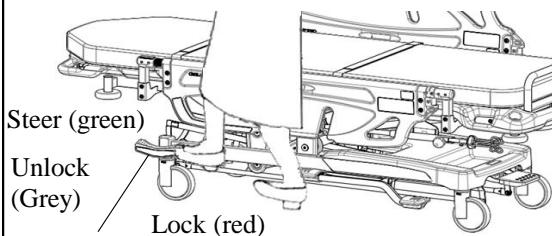


- There is a risk of becoming caught between the moving part of the stretcher and the frame or Multi-purpose Side-rail, resulting in injury. Check that obstacles are not located around the stretcher before operating it.

■ Be careful moving the stretcher on a steep slope.

- The stretcher could tip over, causing an injury. Eliminate this risk by having more than two people work together to move the stretcher or using other means as the circumstances require.

■ Lock the casters at all times except when moving the stretcher.



Caster lock pedals

- Otherwise, the stretcher could unexpectedly move when operators attempt to transfer a patient to or from a bed, adjust the height, or raise the backrest, which could lead to injury.
- To move the stretcher, depress the caster lock pedal (green) to unlock the casters.

■ Do not stand on the caster lock pedals.

- The stretcher may tip over causing an injury or the stretcher may break.

3 SAFETY PRECAUTIONS

WARNING

■ **Do not attempt to repair or modify the stretcher yourself.**

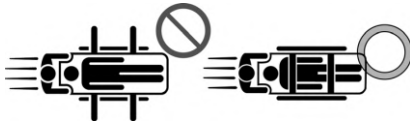
- This could cause abnormal operation, resulting in injury.

■ **Do not attempt to transfer a patient on the stretcher with the Multi-purpose Side rail locked in the horizontal level position.**



- The patient may fall off, the stretcher may tip over, or the patient's hand may hit the wall, resulting in an injury.
- The stretcher may tip over causing an injury or the stretcher may break.

■ **When transporting a patient, make sure that he/she is secured in place with the two pairs of restraint belts and that the Multi-purpose Side-rail are in the up position. The nurse should observe and attend to the patient at all times while the patient is on the stretcher.**



- Otherwise, the patient may fall off the stretcher and get injured.
- The stretcher may tip over causing an injury or the stretcher may break.

■ **Make sure that the two pairs of restraining belts are being used to firmly and securely secure the patient if using it with the two Multi-purpose Side rail locked in the horizontal level position.**

- Otherwise, the patient may fall off the stretcher and get injured .
- The stretcher may tip over causing an injury or the stretcher may break.

■ **Do not transfer a patient to a bed with the Multi-purpose Side-rail locked in the horizontal level position.**



- Otherwise, the patient may fall off the stretcher and get injured.
- The stretcher may tip over causing an injury or the stretcher may break.

■ **After raising the Multi-purpose Side-rail or locking them in the horizontal level position, use the safety lock and confirm that they are properly locked (Green in the indicator window).**

- If not properly locked (red shows), the multi-purpose side-rail may lower and the patient may fall off and get injured.

■ **Instruct patients not to hold onto the multi-purpose side-rail while being transferred or while the Multi-purpose Side-rail are being adjusted.**

- The patient's hand may hit the wall during transport or get caught during the operation of the multi-purpose side-rail, resulting in an injury.

3 SAFETY PRECAUTIONS

WARNING

■ **Do not sit on the multi-purpose side-rail or lean against them.**



- The stretcher may tip over, resulting in an injury or stretcher damage.

■ **Do not use the multi-purpose side-rail as a support to stand up.**



- Otherwise, the patient may fall off the stretcher and get injured.
- The stretcher may tip over causing an injury or the stretcher may break.

■ **Do not use the transfer mattress as a stretcher.**



- Using the transfer mattress as a stretcher may damage it, resulting in an injury.

■ **Do not use the stretcher in a strong electromagnetic field such as near a MRI.**

- Using the stretcher in such an area may cause abnormal operation which may result in an injury or stretcher damage or deformation.

■ **Keep away from heaters.**

- Do not use heaters near the stretcher. Otherwise, the stretcher may be damaged or deformed, or even catch fire.

■ **Use care when handling the gas spring.**

- Gas spring is used for the backrest lever and Foot trendelenberg lever. If you attempt to disassemble or incinerate the gas spring, the gas spring could explode and gas could spray out, possibly causing injury.

■ **Inspect the stretcher regularly.**

- Depending on the frequency of use and the environment, the product will exhibit wear and deterioration. Regularly inspect for parts looseness, the operation of moving parts, and the presence of damage (see p. 26 and 27).

■ **For accessories to be directly mounted on the stretcher, such as an IV Pole or mattress, Oxigent Holder use only accessories approved by Paramount Bed.**

- The use of products other than the specified suitable products or products from other companies could create unintended gaps, cause interference between products, or lower stability, resulting in injury or failure of the stretcher.

■ **Do not grab the stretcher or lean against them.**

- The stretcher may tip over causing an injury or the stretcher may break.

3 SAFETY PRECAUTIONS

WARNING

- Do not climb on the back section base in the raised position.



- The back section base is subject to excessive weight, and could be damaged or deformed.

- Do not move the stretcher by holding onto Multi-Purpose Side-rail only.

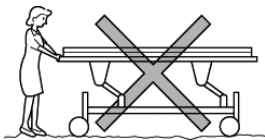


- Otherwise, this will apply a large force to the Multi-Purpose Side-rail and there is a risk of damage or deformation.

- Do not place objects weighing more than 10kg on the Multi-Purpose Side-rail in the horizontal level position

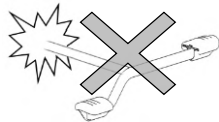
- Doing so could cause an injury, malfunction, or deformation.

- Avoid transporting the stretcher over uneven floors.



- It may result in stretcher damage, deformation, or malfunction. If this is unavoidable, move the stretcher as slowly as possible.

- Do not continuously press the height adjuster excessively.



- If the pedal is pressed continuously until it reaches its limit, If it suddenly deflates then there will be no increase in height. Don't press the pedal continuously, maybe result in damage or malfunction.

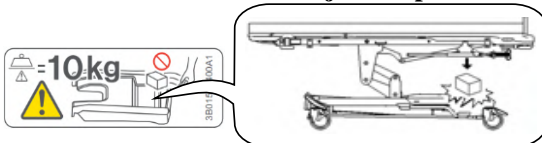
- When the stretcher is not in use, store it with the casters facing in.

- Otherwise, people may trip over a caster and fall down or get injured.

- Do not place objects weighing 10kg or more on the tray.

- The tray could be deformed or damaged.

- Do not place objects on the area marked with "X" (see the following figure) on the tray. Also, be careful not to allow objects to protrude outside the tray.



- When the stretcher height is lowered, objects on the tray or the tray itself could be caught between the frame and tray, causing damaged or deformation.

- To wash the transfer mattress, take out the padding and wash the surface material only.

- Otherwise, the surface material and padding may get damaged.

- Do not apply a spray-type insecticide directly on the stretcher.

- Otherwise, there is a risk that the solvents contained in the insecticide could damage, discolor, or dissolve the stretcher casters or other resin parts. Pay due attention to this; otherwise, there is a risk of unexpected injury due to damaged or dissolved parts.

3 SAFETY PRECAUTIONS

■ To avoid possible malfunctions, do not install the bed in the following locations.

- Locations exposed to direct sunlight
- Locations with strong electromagnetic fields (near MRI machines, etc.)
- Locations near heat sources such as a stove or heater
- Location having a high oxygen concentration
- Locations exposed to excessive amounts of water vapor or oil vapor
- Locations that tend to be exposed to high temperatures or humidity, low temperatures or dry conditions

Note: The optimum ambient conditions for the stretcher are as follows.

Temperature 0°C to 40°C / Humidity 30%RH to 90%RH.

- Locations with high concentrations of dust, smoke, salt, sulfur, or corrosive substances
- Locations with poor ventilation (while storing, etc.)
- Locations exposed to vibrations or shocks (including during transportation)
- Locations where the floor is weak
- Locations where the floor is not level

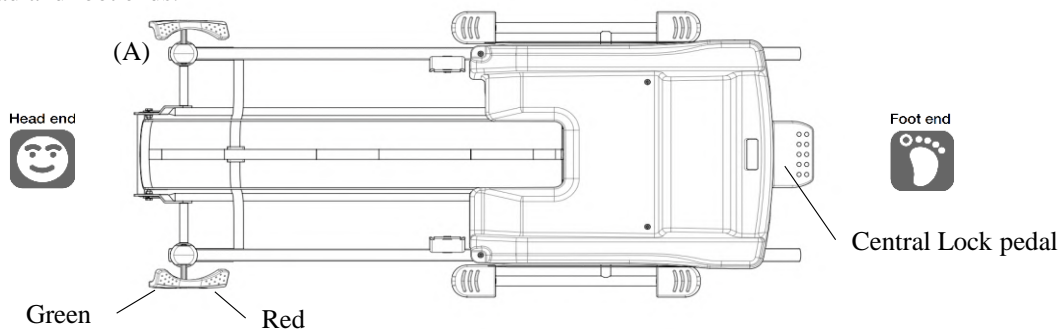
4 OPERATION PROCEDURES

1. Casters

WARNING

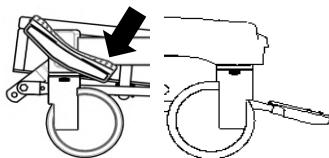
- Lock the casters at all times except when moving the stretcher. Otherwise, the stretcher may move when transferring a patient to or from a bed, adjusting the height, or raising the backrest, causing an unexpected injury.
- Do not stand on the caster lock pedals. The person may tip over,

- Four casters can be locked (swivel and rotation are locked at the same time) or unlocked by operating only one caster lock pedal (foot end side).
- The caster locking pedals are located at both corners of the stretcher, the head and the center position of the head and foot ends.



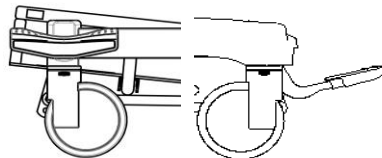
① Locking the four wheels (Lock position)

Depress the red pedal or Central Lock pedal to lock swiveling and rotation of the four wheels.



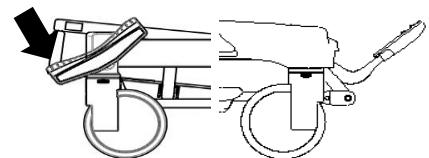
② Unlocking the four wheels (Free position)

Returning the pedal to the horizontal position unlocks the four wheels, allowing them to swivel and rotate.



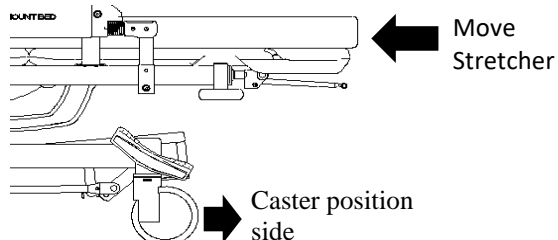
③ Straight-line movement (Steering position)

Depress the green pedal to lock swiveling of the caster (A) (one wheel only) in a straight forward direction. It helps the bed to be moved straight forward easier.

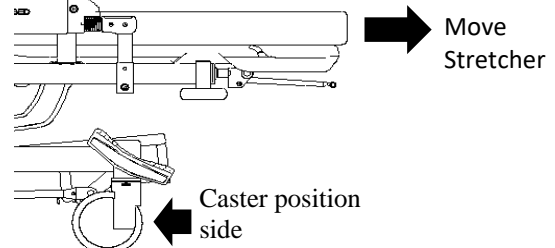


- Steer position when moving forward and backward.

① Steer position moves backward, caster position must face forward



② Steer position moves forward, caster position must face backward



CAUTION

- Do not attempt to forcibly move the stretcher when the casters are locked (fixed). It may result in malfunction.
- Do not operate the caster lock pedals when transporting a patient. It places a load on the casters resulting in malfunction.

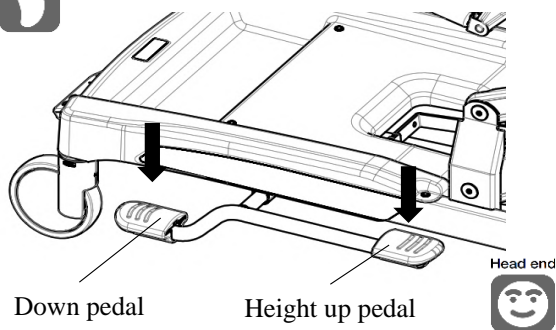
4 OPERATION PROCEDURES

2. Height adjustment

⚠ WARNING

- Make sure the casters are locked whenever the stretcher height operation is performed. There is a risk of injury to the patient if the stretcher moves during the stretcher height operation.

■ The stretcher height can be adjusted by operating the pedals.



[Raising the stretcher height]

- Depress the Height up pedal repeatedly.

⚠ WARNING

- Be careful not to be caught between the floor and the pedal because when operating Up pedal, the opposite pedal is lowered too. There is a risk of injury.

[Lowering the stretcher height]

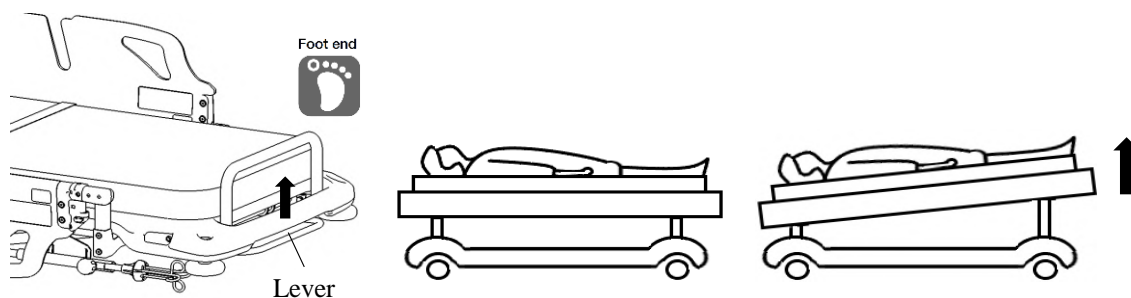
- Press the down pedal.

3. Trendelenburg Lever

⚠ WARNING

- Make sure the casters are locked whenever the stretcher tilting operation is performed. There is a risk of injury to the patient if the stretcher moves during the stretcher tilting operation.
- Make sure to attach the mattress to the mattress base, fasten the restraint belts to the patient and monitor the patient whenever the stretcher tilting operation is performed. The patient may fall off the stretcher, resulting in injury.

■ The tilting angle of the stretcher can be adjusted by operating lever. Moreover, the lever can be used to level the stretcher if a difference has occurred in the height of the head and foot ends when height adjustment was performed.



[Lever operation]

- Lever operation, stretcher height is not specified.
- Tilting the foot end of the main frame depress the lever until the tilting angle stretcher is appropriate. The angle is fixed if the pedal is took off.



NOTE!

- It may be difficult to lower the frame depending on the weight of the patient or the angle of the frame. In that case, press the lever while lifting it.

⚠ CAUTION

- Do not lift the head end of the main frame. There will be a risk of damage or deformation.
- If the head end of the main frame is lifted accidentally, lower the stretcher to the lowest position immediately. Otherwise there will be a risk of damage or deformation.

4 OPERATION PROCEDURES

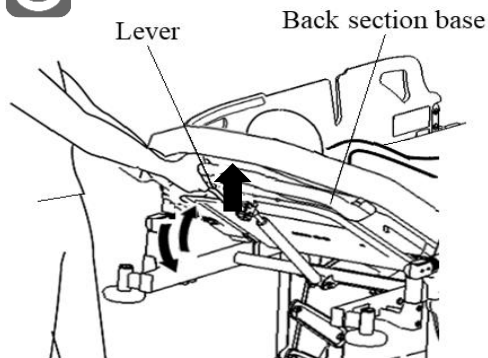
4. Head Elevation Lever

■ The back section base angle can be adjusted at any degree from 0° to 90° using a lever.

WARNING

- Make sure that a body part (especially head or neck) is not placed in the gap between the back section base and the frame when operating the back-raising lever. The part may get caught, resulting in injury.
- When raising the backrest, be sure to lock the casters. Otherwise, the stretcher may move during operation, resulting in an injury.
- When raising the backrest, unfasten the two pairs of restraint belts (see p. 15). Otherwise, the patient may get injured.
- After raising the backrest, secure the patient with the two pairs of restraint belts. Otherwise, the patient may fall off and get injured.

Head end



To raise

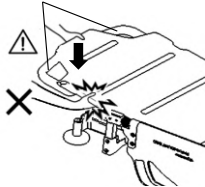
- Hold the grip of the back section base with one hand, hold the backrest lever on the back section base with your other hand, and pull the back section base up. The back section base rises due to gas spring pressure. Let go of the backrest lever to lock the back section base in position.

To lower

- Hold the grip of the back section base with one hand, hold the backrest lever on the back section base with your other hand, and lower the back section base supporting its weight. Let go of the backrest lever to lock the back section base in position.

CAUTION

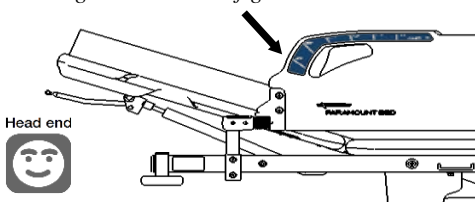
Transport Handle



- When lowering the back section base, hold the grip of the back section base with the hand grip that is not holding the backrest lever. Holding other parts may cause an injury because the operator's hands or fingers may get caught.
* Do not hold any other place besides the grip.
- When lowering the back section base, prevent the back section base from contacting the oxygen cylinder or flowmeter. Contact may damage the flowmeter or other equipment.

Backrest angle indication

The upper surface of the mattress is the guide for the scale.
The angle is 40° in the figure.



NOTE!

- Use the angle indicator on the multi-purpose side-rail as guide when adjusting the angle to which to raise the backrest.

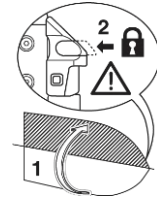
4 OPERATION PROCEDURES

5. Multi-purpose Side-rail

■ Multi-purpose side-rail can be used to protect a patient on the stretcher from falling off and also as a bridge between the stretcher and a bed when transferring a patient to/from a bed. They can be used as an arm table by locking them in the horizontal level position.

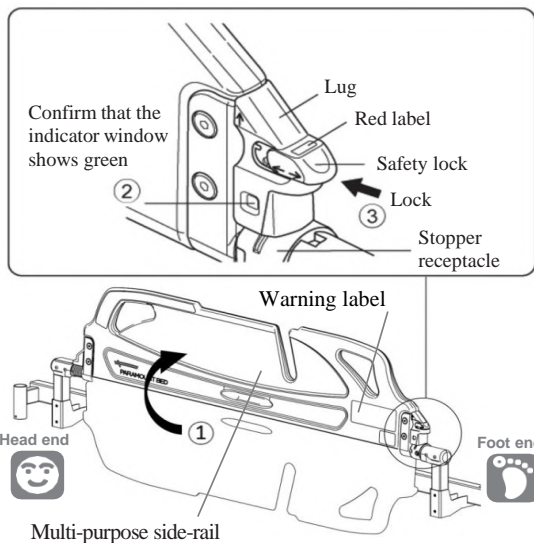
WARNING

- When patients are placed on the base of stretcher, secure them with the restraint belts (see p.15), raise the multi-purpose side-rail, and continuously monitor them. Otherwise, the patient may fall off from the stretcher and get injured.
- After raising the multi-purpose side-rail or locking them in the horizontal level position, use the safety lock and confirm that they are properly locked (Green in the indicator window). If they are not locked properly (red shows in the indicator window), the multi-purpose side-rail may lower and the patient may fall off and get injured.



■ To raise the multi-purpose side-rail

To raise the multi-purpose side-rail



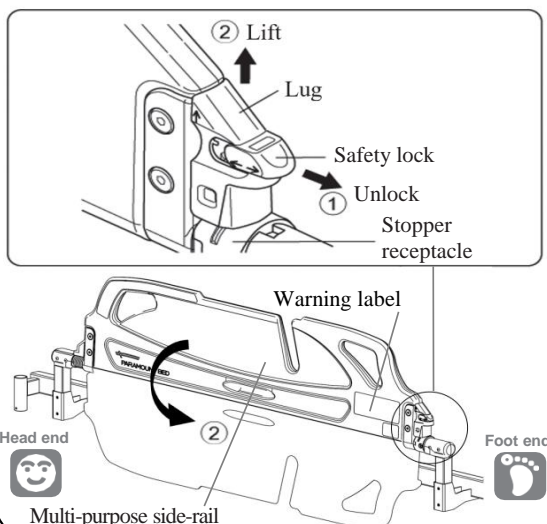
- ① Slowly lift the multi-purpose side-rail, which has been lowered, in the direction shown in the figure to the left. When it reaches the upper limit, the lug lowers and the stopper works.
- ② Confirm that the stopper is properly working (green shows in the indicator window).
- ③ Press in the safety lock in the direction shown by the arrow (multi-purpose side-rail) until the red label can no longer be seen for proper locking.



● **Make sure not to let sheets get caught in the stopper or safety lock as it will hinder the functions of the parts.**

* In this manual, raising the multi-purpose side-rail entails completing all of the steps outlined in ① to ③.

To lower the multi-purpose side-rail

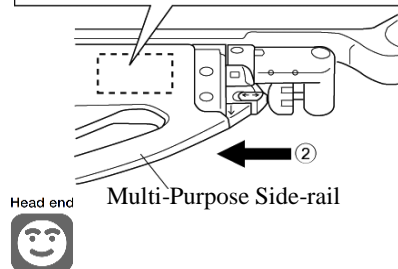
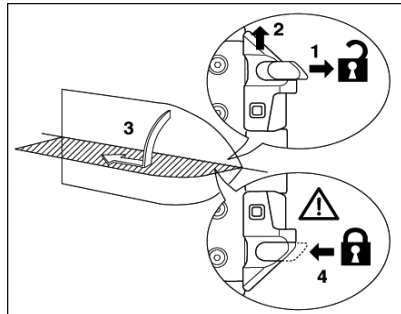


- ① Release the safety lock.
- ② While lifting the lug, slowly lower the multi-purpose side-rail.

5. Multi-purpose Side-Rail

- To lock the Multi-purpose Side-rail in a horizontal level position (when using as an arm table)

To lock the Multi-Purpose Side-rail in a horizontal level position



[Placing the Multi-Purpose Side-rail in the horizontal level position from the up position and locking it in place]

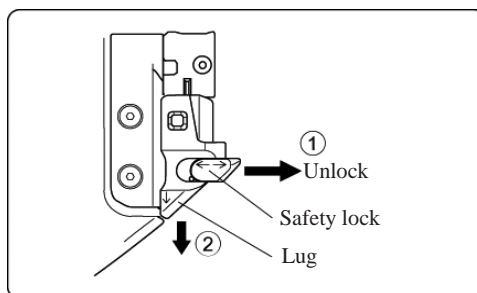
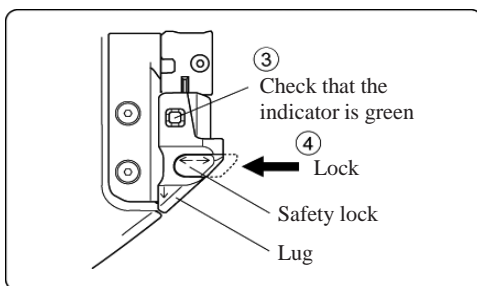
- ① Release the safety lock and lower the multi-purpose side-rail in a horizontal level position while lifting the lug. (See **To lower the Multi-Purpose Side-rail** in p.13.)
- ② Move the multi-purpose side-rail in the direction shown by the arrow ← while keeping it in a horizontal level position. The lug lowers and the stopper works.
- ③ Confirm that the stopper is properly working (green shows in the indicator window).
- ④ Press in the safety lock in the direction shown by the arrow ← (multi-purpose side-rail side) for proper locking.

[Placing the Multi-Purpose Side-rail in the horizontal level position from the down position and locking it in place]

- ① Slowly lift the Multi-Purpose Side-rail to a horizontal level position. (See **To lower the Multi-Purpose Side-rail** in p. 13.)
- ② Move Multi-Purpose Side-rail in the direction shown by the arrow ← while keeping it in a horizontal level position. The lug lowers and the stopper works.
- ③ Confirm that the stopper is properly working (green shows in the indicator window).
- ④ Press in the safety lock in the direction shown by the arrow ← (multi-purpose side-rail side) for proper locking.

To unlock the Multi-Purpose Side-rail from a horizontal level position

- ① Release the safety lock.
- ② Pull the lug in the direction shown by the arrow.



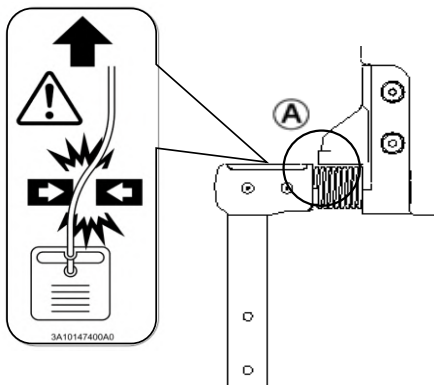
! WARNING

- Unlock the Multi-Purpose Side-rail in a horizontal level position except when using as an arm table. Otherwise the patient could lose balance and fall out of the stretcher or fall over, resulting in injury or the stretcher could be damaged or deformed.

! CAUTION

- Do not place objects weighing more than 10kg on the Multi-Purpose Side-rail when it is locked in a horizontal level position. Doing so could cause an injury, malfunction, or deformation.

4 OPERATION PROCEDURES



⚠ WARNING

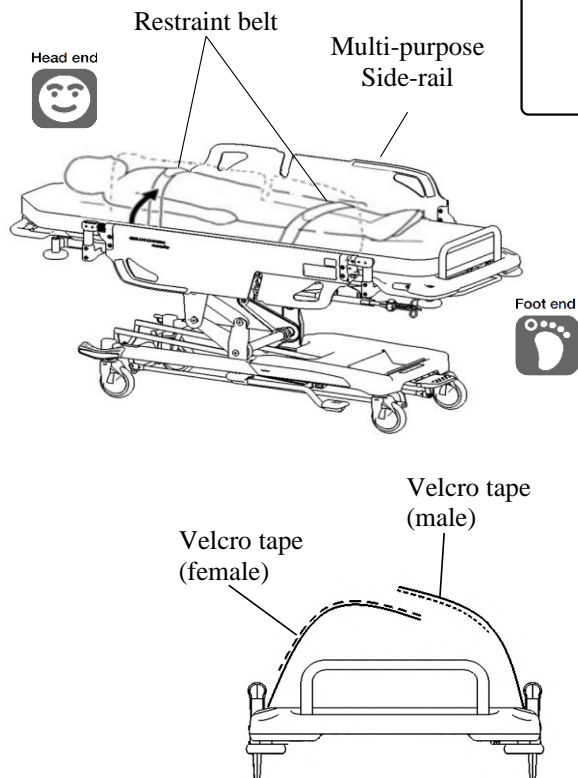
- When operating the multi-purpose side-rail, prevent the tube (drain) from getting caught in part (A) in the figure to the left. If the tube (drain) gets caught, it may break.

⚠ CAUTION

- Do not operate the multi-purpose side-rail while placing fingers on part (A) in the figure to the left. Fingers may get caught, resulting in an injury.

6. Restraint belt

- Restraint belts are designed to secure patients in order to prevent them from falling off. When transporting a patient, be sure to firmly secure the patient with the front and back belts. Pass the restraint belts through handles (all four) on the transfer mattress.



⚠ WARNING

- Do not raise the backrest when a patient is secured on the stretcher. The patient may get injured.
- Fasten the restraint belts and make sure there is no slack. If they are not properly fastened, the patient may fall off or the stretcher may tip over, resulting in an injury.
- After placing a patient on the base (back section base and foot section base) of the stretcher, use the two pairs of restraint belts to secure the patient to the transfer mattress and stretcher. Otherwise, the stretcher may slip and the patient may fall off and get injured.

- ① Make sure that the restraint belts are fastened.
- ② Fasten the restraint belts on the patient and make sure there is no slack.

4 OPERATION PROCEDURES

7. 1500L Oxygen cylinder holder

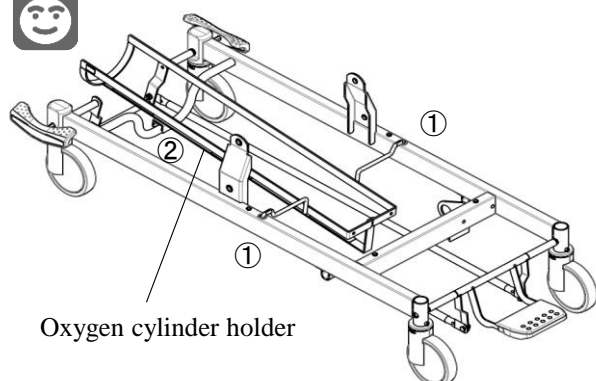
WARNING

- Attach the oxygen cylinder holder into place. If installed incorrectly, there is a risk of an injury by the oxygen cylinder holder falling, or a risk of malfunction of the oxygen cylinder holder or the stretcher.

■ The oxygen cylinder holder can contain a 1000L ~ 1500L (10cm to 15cm diameter) oxygen cylinder.

How to Install Oxygen cylinder holder (PK-6005 only)

Head end

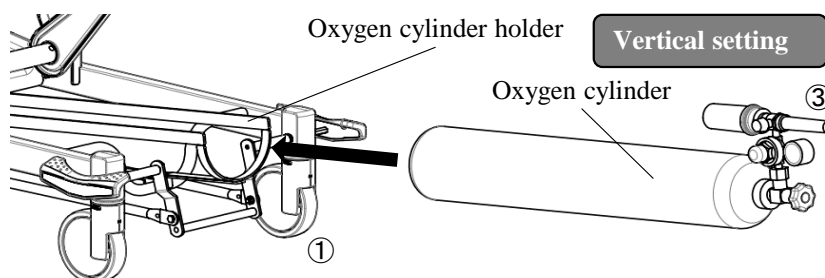
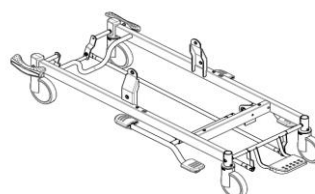


Oxygen cylinder holder

Foot end



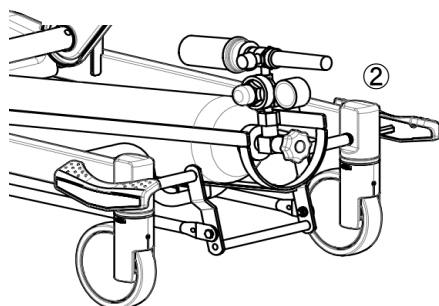
- ① Insert the Hook Oxygen Cylinder Holder into the available Base Frame hole (2-position).
- ② Attach the Plate Bracket on the other side of the Oxygen Cylinder Holder to the top of the Oxygen Support Pipe.



Vertical setting

【Setting】

- ① Insert the oxygen cylinder holder into the connection part as shown in the figure. (In the initial setting, it is already entered)
- ② Insert an oxygen cylinder into the oxygen cylinder holder slowly.
- ③ Position the flow meter attached to the oxygen plate. (facing upwards)



NOTE!

- When adjusting the position of the oxygen cylinder holder, be careful not to get your fingers caught between the oxygen cylinder holder and base frame.

WARNING

- Pay attention not to hit the oxygen cylinder holder and flowmeter against the bed or wall when transporting or adjusting the height of stretcher. Otherwise, the oxygen cylinder holder and flowmeter may be deformed, resulting in injury.
- The load capacity of the oxygen cylinder holder is 30kg. Do not insert a cylinder that exceeds the load capacity because it may damage or deform the oxygen cylinder holder or frame, resulting in an injury.

8. IV Pole

WARNING

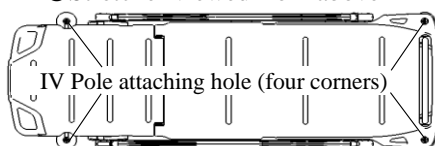
- Do not move the stretcher with holding the IV pole. The IV pole may break, resulting in an injury.
- Do not use the IV pole as a support to stand up. The IV pole may come off or break, causing an injury due to falling down.
- When using the IV pole, do not put a hand or arm between the mattress base or the transport handle and the IV pole. The hand or arm may get caught and get injured.
- Each hook's load capacity is 1 kg. Do not hang an article exceeding the load capacity because it may damage the hook, resulting in an injury.
- Length adjustment of the sliding pipe should be kept within 70cm. If the sliding pipe is pulled out too much, it may come off, resulting in an injury or damage.

- IV Pole attachment holes are located in two places each on the left and right sides of the stretcher, four places in total, to attach an IV Pole for intravenous drip.
- When not using an IV Pole, you can store it either in the IV Pole storage holder.

To use

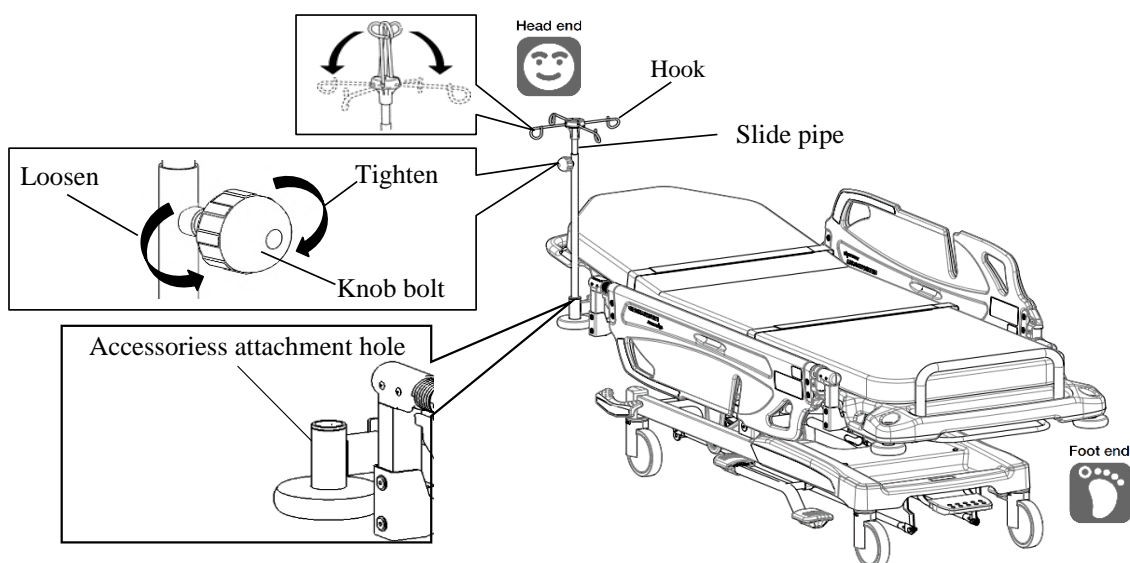
- ① Insert an IV Pole into an attaching hole.

● Stretcher viewed from above



To attach

- ① Insert an IV Pole firmly all the way into an IV Pole attachment hole.
- ② Adjust the length of the sliding pipe of the IV Pole, lock it using the thumb screw knob (for locking the sliding pipe), and open the hook on the tip.
- ③ Open the hooks at the tip when using the IV Pole.
- ④ Hang the intravenous bags or similar items on the IV pole.

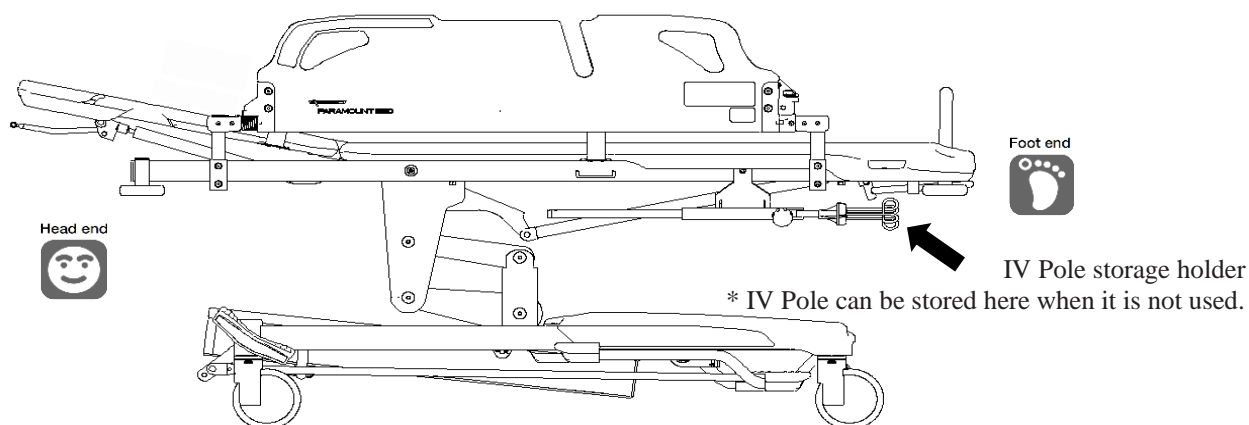
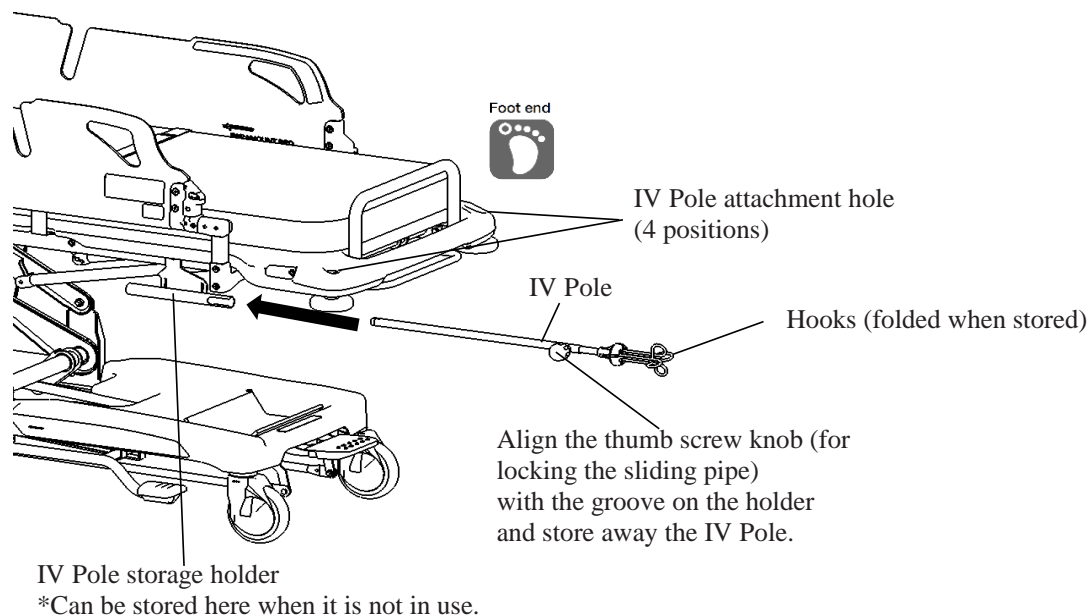


- The load capacity of each hook is 1kg.

4 OPERATION PROCEDURES

To store

- ① Close the hooks and adjust the sliding pipe to the shortest length.
- ② Align the thumb screw knob (for locking the sliding pipe) of the IV Pole with the groove on the IV Pole storage holder or tray and store away the IV Pole.



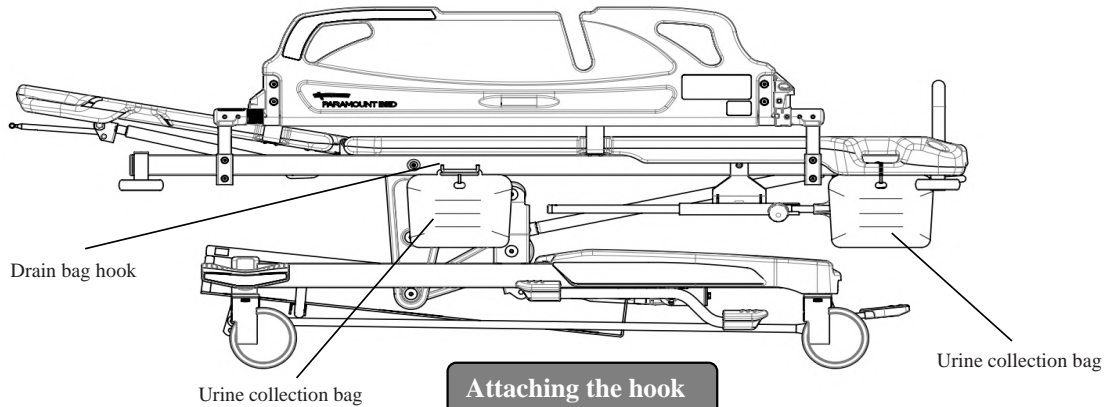
⚠ WARNING

- When not using an IV Pole, close the hooks, adjust the IV Pole to the shortest length, and store the IV Pole in the IV Pole storage holder in the lower part of the back section base. If not stored properly, the IV Pole could hit other parts when the height of the stretcher is adjusted, causing damage or deformation of the IV Pole or stretcher.

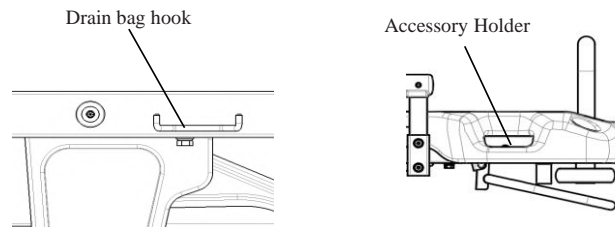
4 OPERATION PROCEDURES

9. Drain bag hook/Accessory Holder

- The stretcher is equipped with a drain hook. Can be used to hang items such as urine collection bags.
- The hook can be attached according to the position of the drain hook.



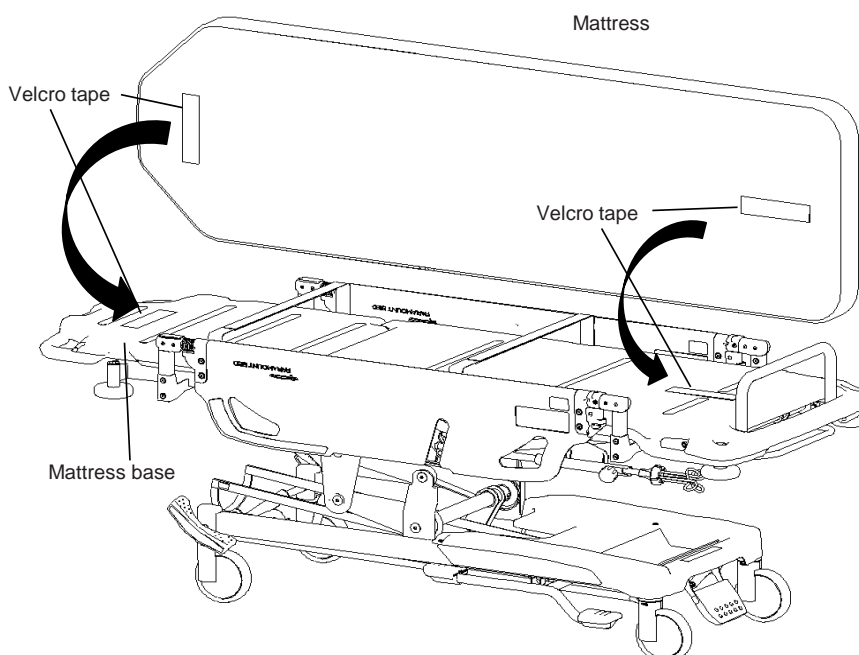
- Insert the hook into a long hole of an Drain hook sideways and turn it as shown in the figure.



⚠ WARNING

- When attaching articles such as urine collection bags, do not raise or lower the multi-purpose side-rail. The tube could be pulled, causing injury, or damaging or deforming urine collection bags.
- The load capacity of the hook is 3kg. Don't hang articles too much load capacity as possible break or damage the latch or accessory rail, resulting in injury.

10. Mattress



- As shown in figure, place the mattress on the base, making sure the Velcro tape on the mattress align with the Velcro tape on the base.

- Lift the mattress off the base.

4 OPERATION PROCEDURES

11. 500L/1000L Oxygen cylinder holder

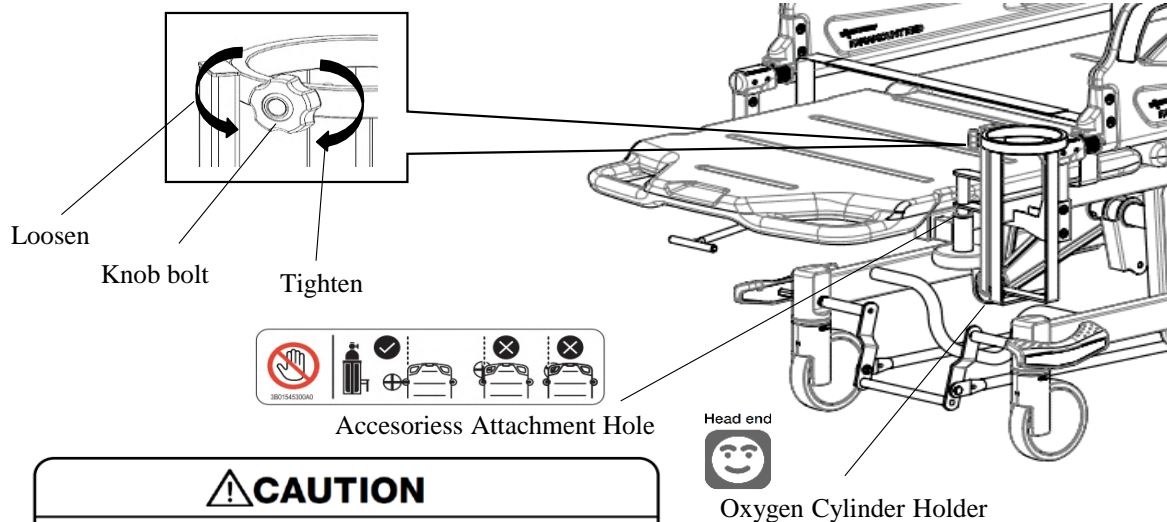
This oxygen cylinder holder is made for attaching to the medical device to use the oxygen cylinder.

How to Install Oxygen cylinder holder (PK6015/PK6025 only)

WARNING

- Attach the oxygen cylinder holder to one of the four accessories attachment holes. If it is attached to a hole other than the accessories attachment holes, there is a risk of an injury by the oxygen cylinder holder falling, or a risk of malfunction of the oxygen cylinder holder or the stretcher.
- When using the oxygen cylinder, take care to prevent it from coming into contact with any objects in the vicinity of the stretcher. There is a risk of an injury by damage of a flow meter or an

- ① Insert the oxygen cylinder holder into one of the accessories attachment holes.
- ② Firmly tighten the setscrew at the selected accessories attachment hole.



CAUTION

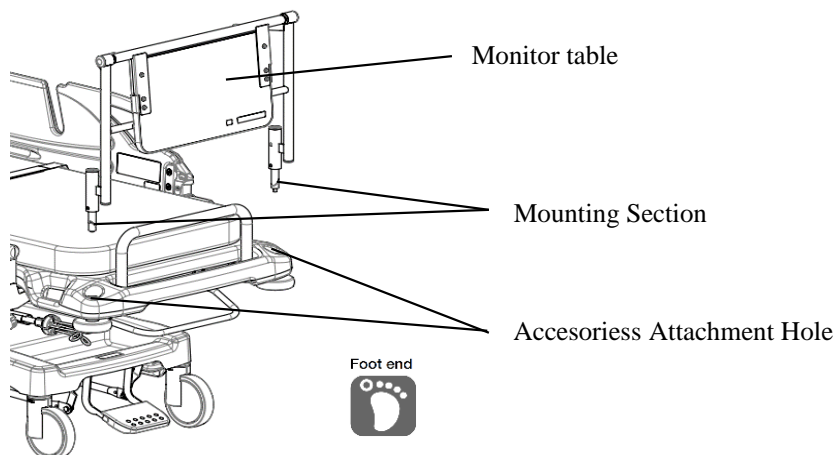
Pay attention to how to install the Oxygen cylinder by referring to the label listed. otherwise, the Oxygen cylinder will become an obstacle in the process of using the bed.



- For PK-6025
Be sure to use a 500 L oxygen cylinder (from 9.5 cm to 11.5 cm in diameter).
- For PK-6015
Be sure to use a 1,000 L oxygen cylinder (from 14 cm to 15.5 cm in diameter).
- The description in this instruction manual may differ from the actual product due to specification changes. For any queries, please feel free to contact your distributor.

1. Monitor table (PC-5136)

This monitor table is designed to be attached to the K6 series to write on the table.



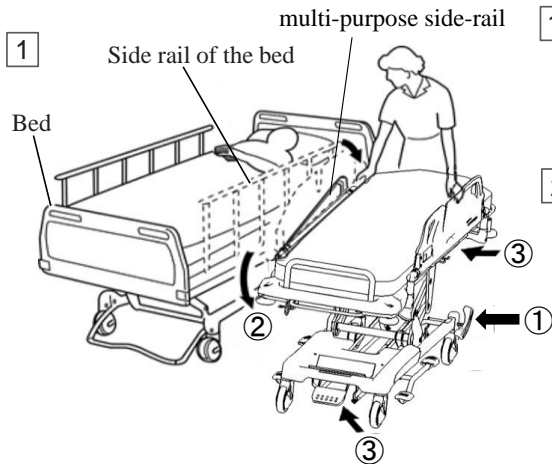
●For Detail refer Instruction Manual Monitor Table (PC-5136)

6 PATIENT TRANSFER

* The illustration shows only one nurse in order to explain procedures simply. In actual procedures however, a patient should be transferred by at least two persons for safety.

* Pay attention not to hit the oxygen cylinder holder when adjusting the height of stretcher for transfer.

To transfer a patient from a bed to the stretcher



1 ① Return the caster operation pedal of the stretcher to the horizontal position.

② Lower the multi-purpose side-rail and the side-rail of the bed.

③ Place the stretcher by the bed (See p. 10 and p.11).

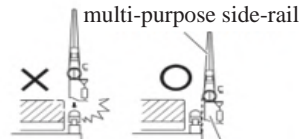
2 Depress the caster operation pedal (red) of the stretcher to lock the casters and then align the height of the stretcher to the height of the bed. (See p. 10 and p.11)



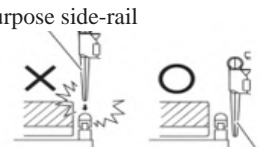
• Set the stretcher slightly lower than the bed for easier transfer.

! WARNING

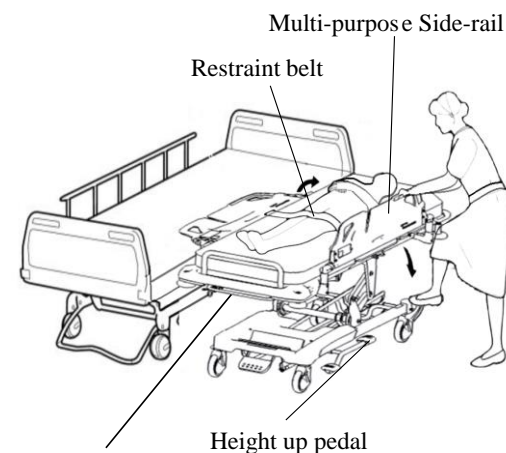
● When placing the stretcher by a bed, prevent the multi-purpose side-rail or multi-purpose side-rail receptacle of the stretcher from sitting on the side rail (foldable type) of the bed. Otherwise, the stretcher may tip over, resulting in an injury or the side rail of the bed or the multi-purpose side-rail may get damaged or deformed.



multi-purpose side-rail receptacle
{ When the multi-purpose side-rail is up }



multi-purpose side-rail
{ When the multi-purpose side-rail is down }



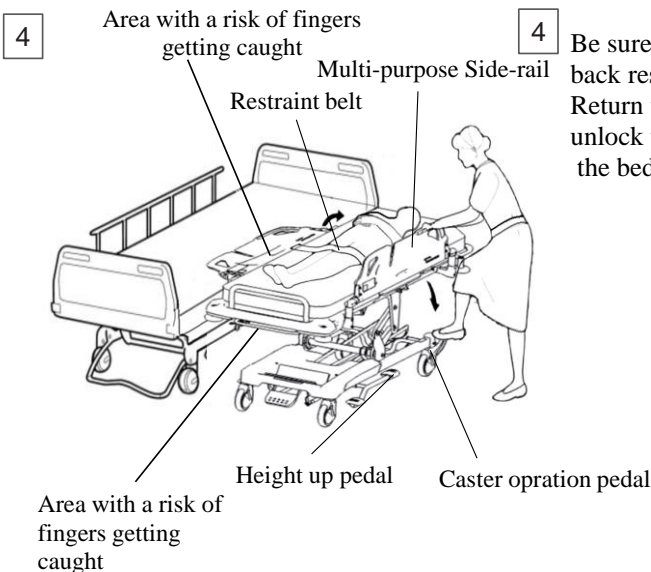
3 ③ Unfasten the restraint belts of the stretcher and move them so that they will not hinder the transfer procedure.



● When there is a wide gap between the stretcher and a bed, the multi-purpose side-rail can be placed over the bed.

Area with a risk of fingers getting caught

6 PATIENT TRANSFER



Be sure to firmly secure the patient with the front and back restraint belts. (See p.15)
Return the caster operation pedal to the horizontal position to unlock the casters, move the stretcher slightly away from the bed, and raise the multi-purpose side-rail.

⚠ WARNING

- Do not transfer by using the mattress. The patient may get injured by falling off the stretcher, or the mattress or the stretcher may get damaged or deformed.
- When transporting a patient, secure the patient to the mattress using two pairs of restraint belts. Otherwise, the patient may fall off and get injured.

⚠ CAUTION

- When operating the multi-purpose side-rail, place the patient's hands together on their abdomen. Otherwise, a hand may get caught by the multi-purpose side-rail and get injured.

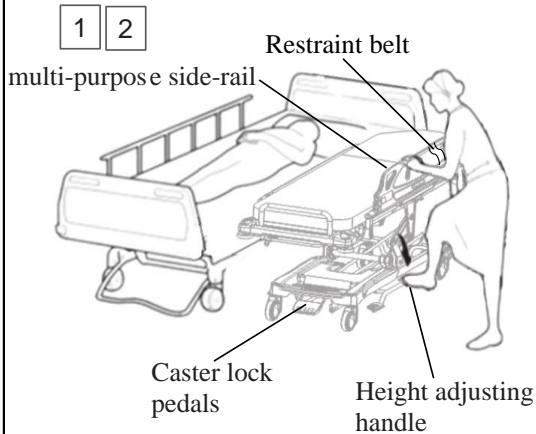
5 Move the stretcher. When transporting the stretcher, depress the caster lock pedal (green) to set the center wheel to ON for more stable stretcher movement and easier control. To move sideways, return the caster operation pedal to the horizontal position.

6 PATIENT TRANSFER

* The illustration shows only one nurse in order to explain procedures simply. In actual procedures however, a patient should be transferred by at least two persons for safety.

* Pay attention not to hit the oxygen cylinder holder when adjusting the height of stretcher for transfer.

To transfer a patient from the stretcher to a bed



1 Return the caster operation pedal to the horizontal position, place the stretcher by the bed, and depress the caster operation pedal (red) of the stretcher to lock the casters. (See p.10)

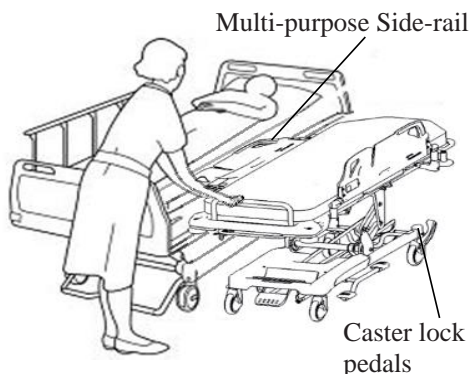
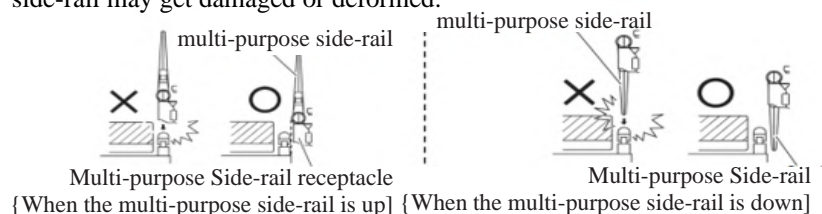
2 Align the height of the stretcher to the height of the bed, and then lower the multi-purpose side-rail and the side rail of the bed. (See p. 11 and p.13)



● Set the stretcher slightly lower than the bed for easier transfer.

! WARNING

● When placing the stretcher by a bed, prevent the multi-purpose side-rail or multi-purpose side-rail receptacle of the stretcher from sitting on the side rail (foldable type) of the bed. Otherwise, the stretcher may tip over, resulting in an injury or the side rail of the bed or the multi-purpose side-rail may get damaged or deformed.



3 Detach the restraint belts from the patient and place them in an area where they will not hinder the transfer procedure. And then transfer the patient onto the bed.

4 Return the restraint belts to the original position, raise the multi-purpose side-rail, and unlock the casters to move the stretcher. When moving the stretcher, depress the caster operation pedal (green) to set the center wheel to ON for more stable stretcher movement and easier control. (See p. 10).

7 PRODUCT SYMBOL DEFINITIONS









■ The symbols below are used for the product.



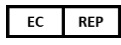

Symbol	Description
	● Prohibited
	● Warning and Caution
	● Entrapment finger warning
	● The foot side height of the stretcher is lowered.
	● Do not get on the mattress base when it is raised
	● Do not grab the stretcher or lean against them.
	● Do not use the multi-purpose side-rail as a support to stand up
	● Do not get on the multi-purpose side-rail
	● Do not lean on the multi-purpose side-rail
	● Do not lock the multi-purpose side-rail in the horizontal level position when transferring a patient
	● Do not transport a patient with the multi-purpose side-rail locked in the horizontal level position
	● When transporting a patient, be sure to fasten the restraint belts
	● Do not place the stretcher on the inclination
	● Refer to the instruction manual
	● Do not sit down on the end of the stretcher.
	● Beware of washing, Do not store oxygen under your head

Symbol	Description
	● Safe working load
	● Maximum patient weight
	● Product weight
	● Position to store an IV Pole.
	● Maximum weight (Product weight + Safe working load)
	● Do not use force to push the stretcher when the casters are locked
	● The load capacity of the multi-purpose side-rail is 10kg.
	● Take care to prevent body parts from getting caught in the moving part on the stretcher
	● Do not place objects on areas marked with X * Tray's load capacity is 10kg
	● Do not get a tube caught
	● The safety lock is locked
	● The safety lock is released
	● The casters are unlocked
	● The casters are locked
	● Adjust (raise, lower) the height.
	● The load capacity of each hook is 1kg.

7 PRODUCT SYMBOL DEFINITIONS

■ The symbols below are used for the product.

Symbol	Description
	● Serial number
	● Model number
	● Lot number
	● See the instruction manual
	● CE mark
	● Indoor use symbol
	● Manufacturer * It may be called “Legal Manufacturer” or “Brand Owner” etc.
	● Country of manufacture (Made In Indonesia) Manufacturing site * In the country of origin, the site acts as the manufacturer. Date of manufacture (YYYY-MM-DD)

Symbol	Description
	● This is a 2D Code (GS1 DataMatrix) that encodes the UDI (Unique Device Identifier) required by the Unique Device Identification System designed to adequately identify devices through distribution and use.
	● Medical device (This product is a medical device or an accessory for medical device in Europe, and may be such a device in some countries and regions depending on their regulations. An accessory for medical device is required to be labeled as “Medical Device” under medical device regulations in Europe.)
	● Authorised representative in the European community
	KOHKIN SIAA mark

8 REGULAR INSPECTION AND DAILY MAINTENANCE

- For safety in use, inspect the product regularly, at least once a year. The product exhibits wear and deterioration according to the frequency and conditions of use. Inspect for loose parts, the operation of moving parts on the stretcher, and the presence of damage regularly. When an irregularity has been noticed or when a detailed inspection is desired, contact your distributor.

< Maintenance and inspection items to be completed by the user of the product >

- Main Unit
 - The position operations using the height adjusting handle or back-raising lever are to be working properly.
 - There are not to be any abnormal sounds produced or significant rattling when positioning operations are performed.
 - There is not to be any deformation, damage, or detachment of bumpers or resin parts.
 - There must not be any peeling of labels, and the text must be legible.
 - There are not to be any scratches on or deformation of the mattress base, frame, or any other parts.
- Multi-purpose Side-rail
 - The safety lock is to be locked properly and firmly.
 - There is not to be any significant rattling present.
- Casters
 - There are not to be any abnormal sounds produced while the bed is being moved.
 - There is not to be any abnormal vibration occurring while the bed is being moved.
 - Operations are to run properly.
 - Operations to lock/release the casters are to run properly.
 - Operation controls are to run smoothly without any abnormal resistance.
 - The bed is not to move while the casters are in the locked position.
 - The bed is to move smoothly while the lock is in the released position.

< Lubrication (if there is abnormal noise) >

- Lubrication is needed if there is abnormal noise. Please feel free to contact your distributor to be lubricated.



NOTE!

- The water adhesion to the stretcher or the mattress, or moisture may cause corrosion, abnormal noise or contamination. If water adhere to the stretcher or the mattress, wipe off immediately.

■ Stretcher unit

- To remove dirt from parts. Complete steps (1) to (3) listed below.
 - (1) Wipe off parts using a soft cloth soaked in a neutral cleaning solution lightly diluted with water that has been wrung out to remove excess fluid.
 - (2) Ring out as much moisture from the cloth as possible and then wipe up any remaining cleaning solution residue.
 - (3) Use a dry cloth to thoroughly wipe away any leftover moisture.
- To disinfect parts

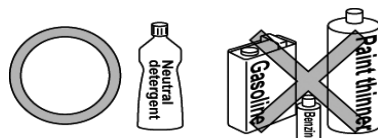
Use one of the disinfectants listed below at the specified concentration, making sure to follow the instructions in the manuals or other materials available for the selected disinfectant.

76.9% - 81.4%	ethanol for disinfection
0.05% - 0.2%	benzalkonium chloride (e.g. Osvan)
0.05% - 0.2%	benzethonium chloride (e.g. Hiamine)
0.05%	chlorhexidine gluconate (e.g. Hibitane)
0.02% - 1.0%	sodium hypochlorite (e.g. Milton)

* It is highly recommended that you thoroughly disinfect the stretcher between people using the stretcher.

⚠ CAUTION

- Do not use volatile cleaning fluids (such as paint thinner, benzene or gasoline) and
- Do not use disinfectants or other fluids other than those listed above with the stretcher. Discoloration or deterioration could result.
- Thoroughly dry off parts after using a neutral cleaning solution. Failure to do so could cause resin parts to crack.



NOTE!

- The stretcher cannot be used with an ozone sterilizer, an autoclave, etc.

8 REGULAR INSPECTION AND DAILY MAINTENANCE

<Mattress unit>

- When the mattress gets dirty or the persons who use the mattress change, be sure to clean and disinfect both surfaces of the mattress in accordance with the procedures specified in steps ① to ④ below. At this time, take care not to bend the mattress.
 - ① Remove any soiling (blood, excreta, etc).
 - ② Wipe the mattress using a cloth that has been soaked in commercially available soap or neutral detergent diluted with water, and wrung out well.
 - ③ Disinfect the mattress by using disinfectant.
 - 0.05% - 0.2% benzalkonium chloride (e.g. Osvan)
 - 0.05% - 0.2% benzethonium chloride (e.g. Hiamine)
 - 0.05% chlorhexidine gluconate (e.g. Hibitane)
 - 0.1%-1.0% sodium hypochlorite (e.g. Milton)
 - ④ Leave the mattress to dry out naturally on the stretcher or in another location. However, do not dry in the sun.
- Clean and disinfect the mattress regularly.
- Do not wash the mattress.
- Take care not to soak the padding.

CAUTION

- Do not wash the padding. There is a risk of padding degradation.
- Do not use a mattress washer, an ozone sterilizer or autoclave apparatus. There is a risk of damage, deterioration or degradation.
- Do not leave any blood, urine, sudor or sebum on the mattress. Clean dirt frequently with neutral detergent or soap. If left untreated, the surface material may degrade, smell or stain may result.
 - The smell that is left during use may be neutralized with mouthwash.
 - If the mattress is stained, wipe off thoroughly with oxydol (3% hydrogen peroxide).
 - Use thrombolytic agent, if it is difficult to clean blood. In that case, try using it on the end of the mattress firstly, because there is a risk of discoloration or deterioration.
- Do not use volatile cleaning fluids (such as paint thinner, benzene or gasoline) and cresol. Discoloration or deterioration could result.
- Do not use disinfectant other than those specified. There is a risk of damage or deterioration.
- Do not unzip the zipper and do not remove the cover when cleaning and disinfecting the mattress. Do not unzip the zipper while the mattress is in use. The zipper is provided so that the cover can be repaired or replaced if it is damaged.



- The mattress should not be cleaned by an ozone sterilizer or autoclave apparatus.

9 TROUBLESHOOTING

■ Problems may not always indicate faults. Check the following once again before requesting repair. If the problem persists after checking these points and performing corrective actions, stop using the stretcher immediately and contact Paramount Bed or your distributor (see “Contact Information” on p.31).

Problem	Check	Corrective action	Reference page
● The Multi-purpose Side-rail cannot be lowered.	● Check if the stopper receptacles is worn.	● Contact your dealer for repair.	13-15
● The height cannot be adjusted.	● Check if there is an obstacle under or behind the stretcher.	● Remove the obstacle or anything hindering the height adjustment.	-
● The stretcher cannot be moved.	● Check if the casters are locked.	● Unlock the casters.	10
● The stretcher cannot be positioned correctly.	● Check if there are any obstacles impeding the movement.	● Remove any obstacles.	
● The multi-purpose side-rail cannot be lowered	● Check if the safety lock is ON.	● Release the safety lock.	13-15
● The multi-purpose side-rail rattles.	● Check if the stopper ON.	● Contact Paramount Bed or your distributor (see "Contact Information" on p.29) for repair.	13-15

● When requesting repairs or contacting us (see “Contact Information” on p. 31), please provide the number on the product ID label (see p. 2).

10 LONG-TERM STORAGE AND TRANSPORTATION

■ The following precautions should be noted when the stretcher is not in use for extended periods of time.

1. Level the back section base.
2. Lower the stretcher height to the minimum height.
3. Do not place objects on the stretcher other than the transfer mattress.
4. Do not place objects on the transfer mattress.
5. Do not store the stretcher in a location subject to high temperatures or humidity, low temperatures, dryness or excessive dust.
Store the stretcher at a temperature between -10°C and 50°C , humidity between 30%RH and 90%RH, and air pressure between 700hPa and 1060hPa.
6. Store the recliner in a level location and do not stand it up or lean it against a wall.

Note: When transferring the stretcher, be careful about the above caution items.



- Inspect the product regularly at least once a year, even if it is during storage.

1. When requesting repairs

If you encounter trouble, perform troubleshooting according to the procedure described in “Troubleshooting” (see p.27) in this instruction manual. If the problem persists after taking corrective action, disconnect the power plug of the bed from the outlet and turn the battery off, and then contact Paramount Bed (see Contact Information below) or your distributor.

■ Details necessary when requesting repair

- Product name, model number
- Product ID label number (see p.2)
- Date of purchase
- Details of fault or problem (please provide as much detail as possible)
- Your name, organization, address, and phone number

■ Consumable parts

Mattress and foot control switch are consumable parts.

2. Minimum stock availability period


The minimum retention period of service functional parts (required to maintain the original functions of products) is 8 years after discontinuation of manufacturing.

3. Questions regarding after-sales service

For any queries, contact Paramount Bed or your distributor.



- **Manufacturer will make available on request circuit diagrams, component part lists, descriptions and other information's that will assist Service person to repair**

[Location in Indonesia (Manufacturer and Manufacturing premises)]	[Location in India]
 <p>PT. PARAMOUNT BED INDONESIA MM2100 Industrial Town, Block M-1-1, Gandamekar, Cikarang Barat, Bekasi 17530, Jawa Barat, Indonesia TEL : +62-(0)21-8981051 FAX : +62-(0)21-89981611</p>	<p>PARAMOUNT BED INDIA PVT. LTD. Plot no. 319, Sector 3, Phase II, Industrial Estate Bawal, Rewari, Haryana, India, 123501 TEL : +91-92896-22084</p>



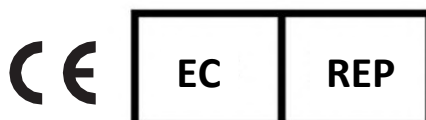
For other contact information, please visit the website.

Website: <https://www.paramount.co.jp/english/>



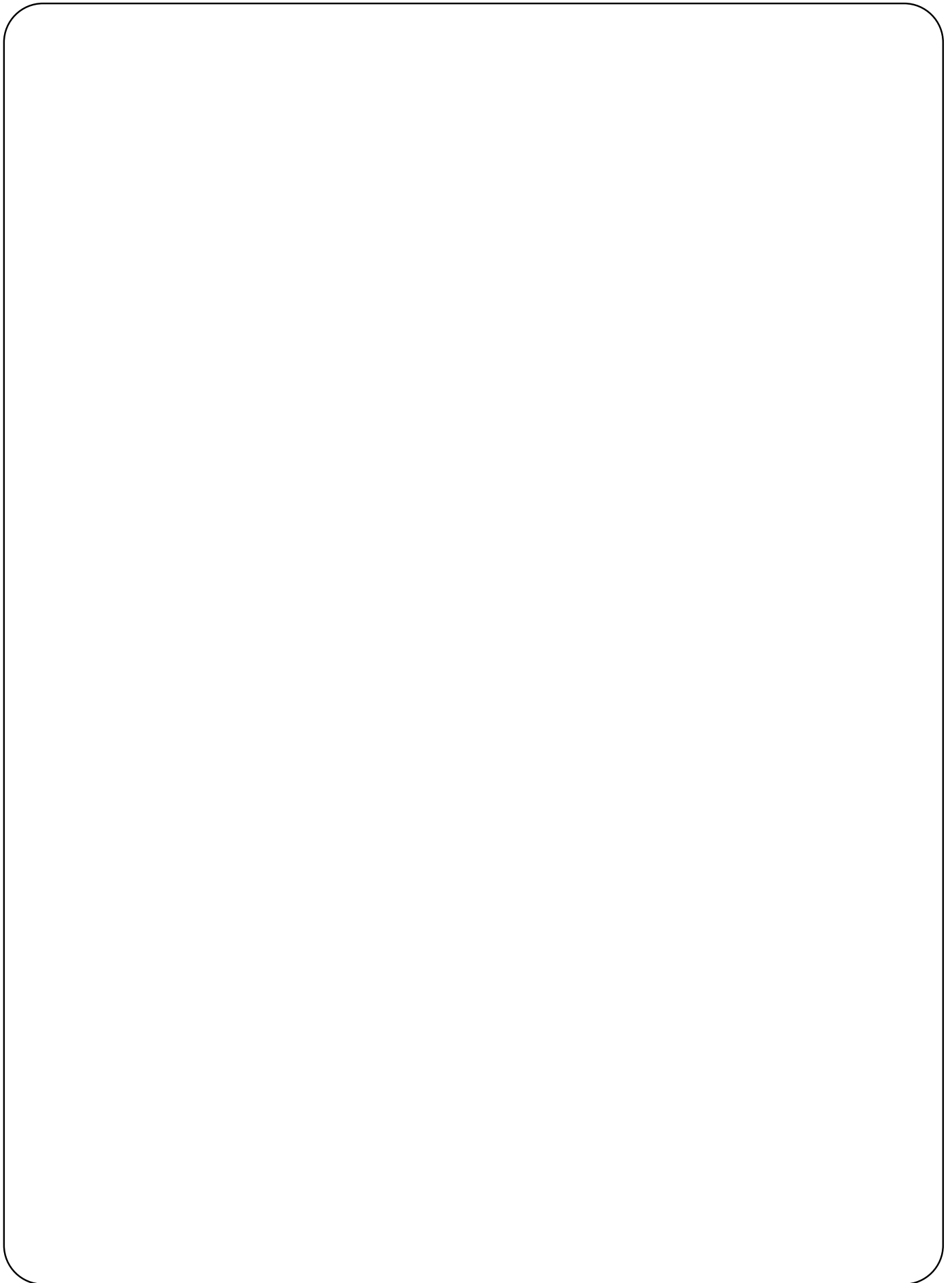
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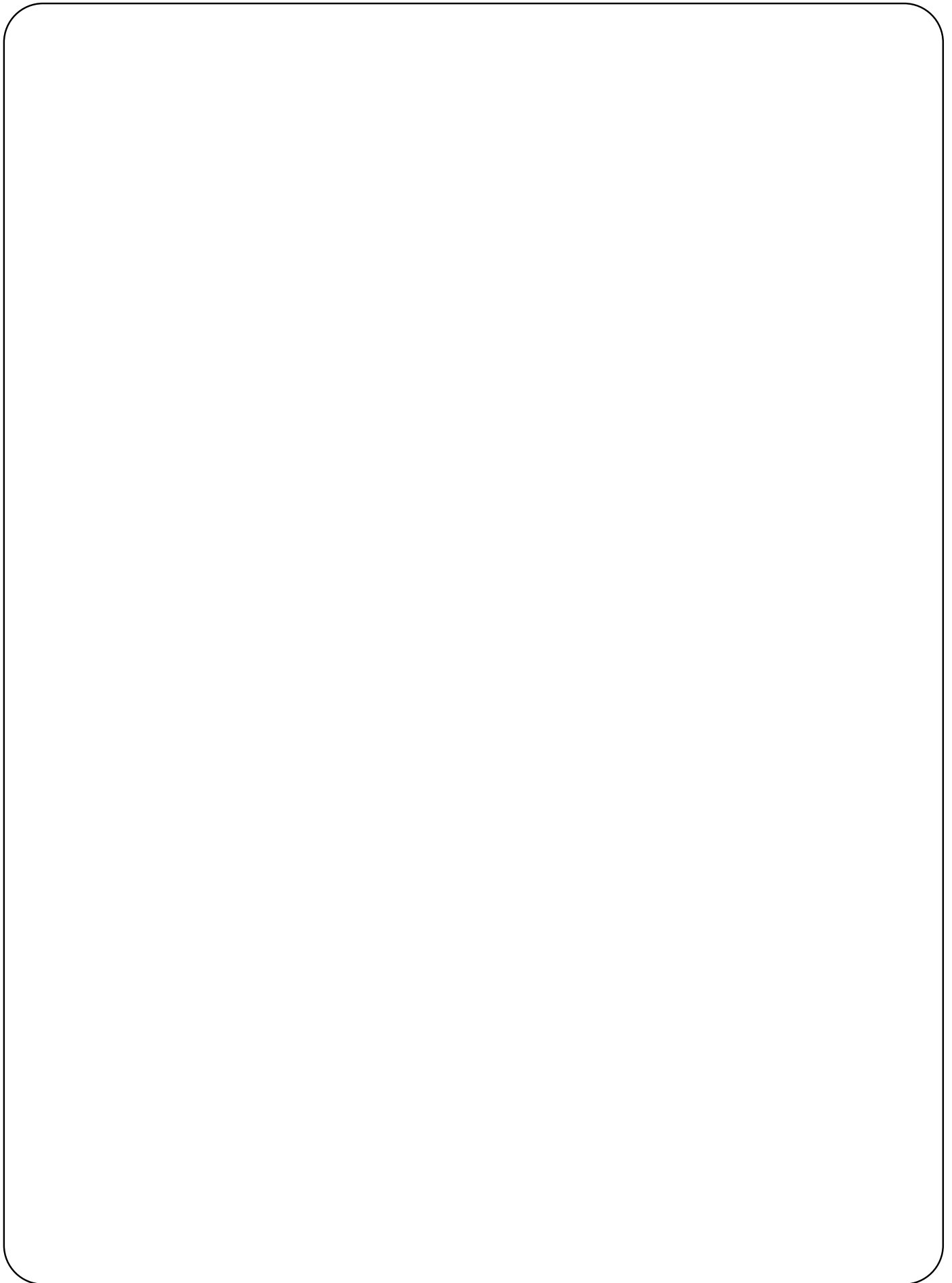


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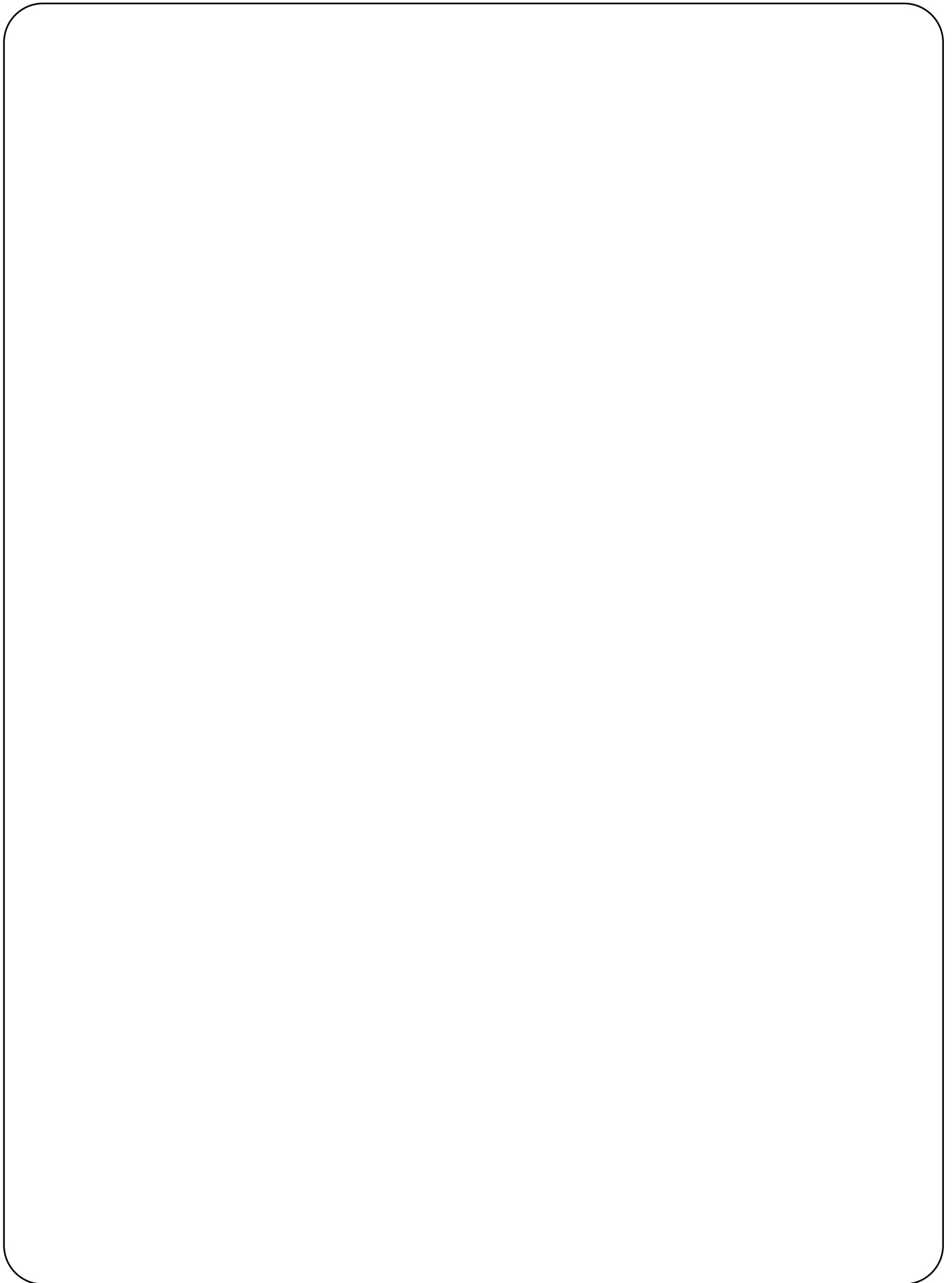
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