



USER MANUAL & TECHNICAL INFO OF ST 72, PATIENT STRETCHER



ST 72 PATIENT STRETCHER

User Manual and Technical Info

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Property of all commercial rights and brands are owned by the manufacturer. The manufacturer reserves the right for revision and modification to stretchers mentioned in this manual. Therefore; the product being produced right now could be different than the one described here.

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1 INTRODUCTION

The stretcher in the picture is designed for long-term care patients in hospitals. The stretcher qualifies for EN-60601-2-38, EN-60601-1-2, EN 60601-1-4, and ISO 10993 standards. The standards cover 93142/EEC System certificate that is related to design, production, distribution of medical devices and accessories. Manufacturer produces according to EN ISO 9001:2000 and EN ISO 13485:2000 quality control standards.

Before starting up the stretcher, the details should be gone over. All functions and use of the stretcher should be done according to the manual. Use of the stretcher against the manual will create risk. The manufacturer is not responsible for improper use of the stretcher.



CAUTION!

- ⚠ The manufacturer can't be held liable for damage because of careless, misuse, and wrong relocation.
- ⚠ Manufacturer, vendor, or trained personnel should follow the instructions for transportation of the stretcher.
- ⚠ Instructions for initial start-up of the stretcher must be closely followed for safety.

1.1 Parts Delivered

Stretchers castors are designed to be used on smooth surfaces and indoors. But, it would be dangerous to use on dirty and non smooth surfaces. Read the manual before using the stretcher, please. The stretcher shouldn't be used if any broken part is noticed that will be harmful to patients or hospital stuff. The stretcher should be installed by an authorized personnel and a warranty should be provided for correct installation. Manufacturer's employee must know how the stretcher functions.

- ⚠ User must be sure about how to use the stretcher and the stretcher properly functioning. The stretcher should be used on hard floor as describestratcher.

2 GENERAL EXPLANATIONS

The manual should definitely be read before use of the stretcher in order to avoid danger caused by user.

2.1 Safety Instructions

- Nurses and caregivers should have the minimum experience and knowledge about stretcher's functions. All of the functions of the stretcher should be done according to the manual.
- Do not use the stretcher if there is a problem with the stretcher. Do not use the stretcher in a condition that will cause damage to patient or personnel.
- Only should the trained personnel use the stretcher.
- Manufacturer's employee should inform the user about what functionalities the patient can use such as control panels as well as the safety instructions.
- All functions of the stretcher and whether the stretcher works should be checked before it's used.
- The stretcher should be used on clean and smooth floor.
- Safe load capacity must not be gone over.
- The castors must always be locked when there is a patient on the stretcher. If not, there will be danger for patient when he/she is trying to lie on the stretcher.
- A second person must not sit on the stretcher.
- **The stretcher must not be used by two patients at the same time.**
- It must be sure that the accessories added to the stretcher don't interfere with stretcher's functions.

Patient or caregiver is always in danger in situations below.

- While the stretcher is transported on a non smooth and unclean surface,
- Wrong maintenance is done
- When exceeding safe working load.
- In situations an untrained personnel or unauthorized personnel use the stretcher or its functions.
- The stretcher must not be used around explosive or flammable materials.
- Only should approved parts be used as spare parts. The manufacturer is not responsible for any damage or harm caused by using spare parts acquired from unauthorized vendors.
- All functions of the stretcher must be locked while the stretcher is cleaned or is repaired.

2.2 Environment Stretcher In Use

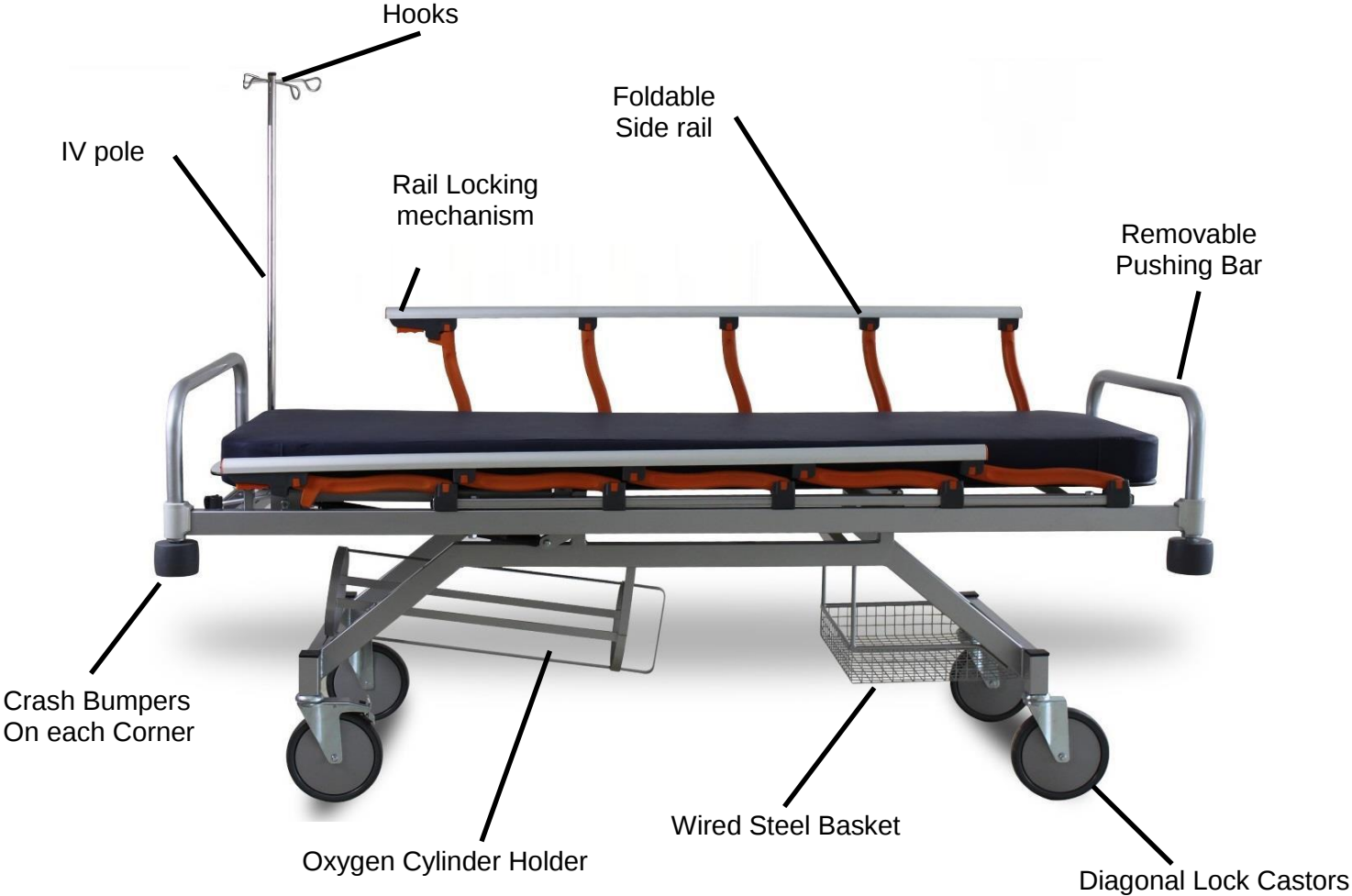
- Room temperature should be between 10-40 degrees.
- Humidity should be between 30-75%.
- Barometric pressure should be between 700 hpa- 1060 hpa.



WARNING!

- ⚠ Manufacturer's advice should be taken when the stretcher will be used for different purposes. The stretcher is designed to be used for mortuary purposes..

3 STRETCHER PRODUCT DESCRIPTION



4 START-UP OF THE STRETCHER

Rules below must be followed during the initial startup of the stretcher.

- Open the stretcher's box very carefully,
- Check if there is any damage during transportation,
- Check if there is any missing part in the box. If so, call the service,
- Read the manual very carefully before doing anything with the stretcher,
- Assemble the accessories as it's in the manual,
- Make sure all functions of the stretcher and buttons properly work,
- Make sure mechanical parts of the stretcher properly work.



WARNING!

- ⚠ Pay attention that control units are in your way and don't get stuck while using stretcher's functions,
- ⚠ Don't place anything on the lower frame cover plastic.

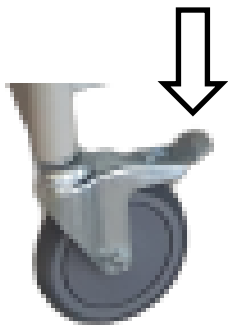
5 USE OF THE STRETCHER

5.1 Castors

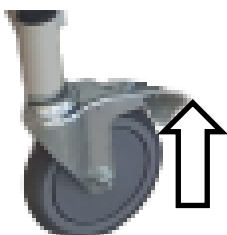
There four castors, 2 of them are lockable.

Be sure that all castors are locked while there is a patient on the table

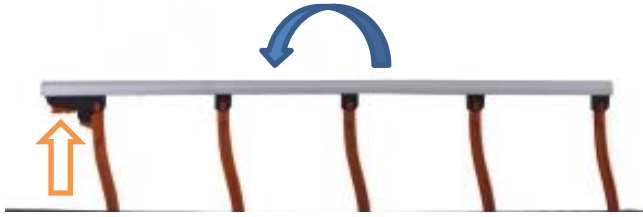
To lock the castor press on the mechanism on the castors as shown on the picture.



To unlock the castors, release the locking mechanism by pulling up the as shown on the picture.

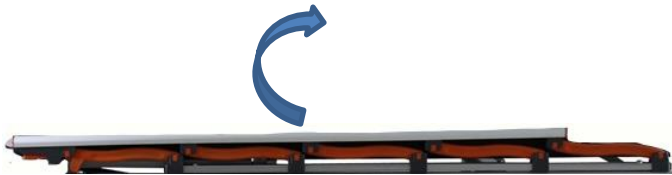


5.2 Side Rails



To close the side rails,

1. Press the locking mechanism first to release the rails
2. Push down-ward the rails as shown in the picture.



To open the side rails,

1. Pull upward the rails as shown in the picture till the locking mechanism is locked

EMERGEUM Functional Emergency Stretcher has two side rails. Side rails are designed to help reduce the risks of the patient's accidental fall.



CAUTION!

While moving the side rails please pay attention that they are moving smoothly. If they are not moving smoothly don't force their movement.

- ⚠ Using a mattress that is thicker than the one recommended might result in the patient's falling off the stretcher & might lessen the side rails efficiency. In such case the patient should be monitored closely. OPTIUM shall not take any responsibility for the problems that might arise from not abiding by the instructions in this manual.
- ⚠ When the patient is placed on the stretcher the side rails should be locked up.
- ⚠ Should the patient's state of awareness or wakefulness is disturbed (agitation, confusion, disorientation, weariness) and be observed by his close one or by monitors, operation instructions must be strictly followed.
- ⚠ Should the patient be unconscious, restraining straps should be used.

5.3 Backrest Down



To pull down the backrest firstly push gas spring lever forward by two hands and pull down at the same time until it reached desired angle.

Release the lever at the desired position.

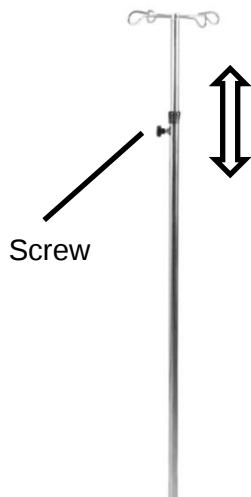
5.4 Backrest Up



To raise the backrest firstly push gas spring lever upward by two hands and pull up at the same time until it reached desired angle.

Release the lever at the desired position.

5.5 IV Pole



Emergeum stretcher is provided with a stainless steel, height adjustable, double hooked IV pole which can be fixed into accessory sockets on four corners.

Working load of the pole is 4 kg.

To adjust height of the pole:

1. Turn the screw to the reverse clockwise rotation to unlock the pole.
2. Pull up/down until desired position and then fix it by turning the screw clockwise rotation.

⚠ IV pole must not be used as support.

5.6 Pushing Bars



1. Removable pushing bar

This bar is placed at the end of the stretcher and be removed by pulling out as shown on the picture.

This bar is covered by soft foam for comfort.

5.7 Trendelenburg and Anti Trendelenburg



ST 72 model is able have Trendelenburg till 12 degree by gas spring at the foot side of the mattress platform. To have trendelenburg position:

1. Activate the gas spring by pushing down lever at the foot side.
2. Pull up the mattress platform by the foot side gently till it reach the desired position.



Stretcher is also able to have anti trendelenburg till 7 degree by gas spring at the head side of the mattress platform. To have anti trendelenburg position:

1. Activate the gas spring by pushing down lever at the foot side.
2. Pull down the mattress platform by the foot side gently till it reach the desired position.

5.8 Mattress

- Place the mattress on the stretcher.
- Only use mattress advised by our company. Should you choose to use a mattress other than the one advised, please make sure that it conforms to the stretcher & does not impair the quality & Safety of the stretcher functions.
- Mattress thickness should be 80mm. thicker mattress shall interfere with the side rails functions.
- Mattress to fit the stretcher lying area is 60x190 cm.

6 Stretcher Transfer

In patient on stretcher position the side rails must be locked up.

- ⚠ To facilitate stretcher transfer bring the stretcher to an adequate height. Make sure that accessories such as IV pole don't get stuck while passing through doors and corridors.
- ⚠ During stretcher transfer make sure that accessories like IV pole don't get bumped into anything. In such cases the stretcher or accessory could be damaged.

Stretcher During Transfer;	Stretcher in Store;
Height should be lowered to the minimum	Height should be lowered to the minimum
Castors should be locked and all mobile pieces should be fixed	Castors should be locked and mobile pieces fixed
Should be protected from water	Should be protected from water
Should be kept in -10° to +50° temperature	Should be kept in -10° to +50° temperature
Humidity should be between %20 & %80 (30°)	Humidity should be between %20 & %80 (30°)
Pressure should be between 500hPa & 1060hPa	Pressure should be between 500hPa & 1060hPa

- ⚠ Stretchers should never be stacked during transfer or store.

7 General Care & Cleaning Instructions

- ⚠ General care & cleaning instructions explained in this manual should be followed. Otherwise, patients and healthcare personnel could be injured and the stretcher could be damaged.
- ⚠ Not complying with the general care & cleaning instructions explained in this manual may result in the patient's injury & the stretcher's damage.

7.1 Cleaning Instructions

- 1 Place the stretcher where it should be cleaned & lock the castors.
- 2 Clean the stretcher with a soft damp cloth using conventional disinfectant. (Never use chemicals such as bleaching and thinner. Do not use too much water.)
- 3 Dry well before use.



WARNING !

- ⚠ Make sure that the stretcher is locked during the cleaning process. Bring the stretcher to the highest position.
- ⚠ Don't use high pressure water hose to clean the stretcher. Don't use any steam cleaning machines.
- ⚠ Don't use water over 60°. Especially while cleaning the hydraulic pump don't use much water.
- ⚠ Failure to abide by or neglecting the instructions explained above shall impair the stretcher's functions & leave it out of warranty.

- ⚠ Misuse of the stretcher might damage it and injure patient or healthcare personnel. Please pay attention to the wrong usage examples listed below:
 - Using the stretcher in places other than emergency service, operation room & monitor room.
 - Using the stretcher in high pressure room.
 - Use of the stretcher by someone who has not read the manual or someone who is unqualified.
 - Operating the stretcher function by several people at the same time.
 - Placing a weight higher than 200 kg on the stretcher.
 - Using an accessory other than the ones advised by the manufacturer.
 - Operating and storage in a way which is not defined.
 - Using the stretcher in a place where there is a risk of explosion.
 - Using the stretcher on very soft or unsuitable floor.
 - Using the stretcher in places where there are inflammable gases or in places that are steamy.
 - Using the stretcher in places where the temperature is higher than the recommended.
 - Failure to abide by the instructions explained in the manual.

CLEANING PROCESS	PARTS AND DETAILS OF THE STRETCHER
1. DAILY CLEANING	• Daily cleaning the surface of the stretcher. • Cleaning the functions of the stretcher. • Cleaning for every staff. • Cleaning the back of backrest • Cleaning the side rails • Cleaning the accessories
2. CLEANING THE STRETCHER FOR A NEW PATIENT	• Daily cleaning • All plastic parts and cleaning the mattress • Lower frame plastic cover • Side, front, and back surface of stretcher • Easily accessible parts • IV pole • Bumpers • Castors and pedals
3. FULL DETAIL CLEANING	• 1st and 2nd should be done. • After upper frame plastics are removed all accessible parts should be cleaned. • Cleaning gas springs. • Side rails

8 Transportation & Cargo Instructions

- ⚠ Product should not be stacked without packing
- ⚠ Should be protected from direct sunlight and rain
- ⚠ Package should be secured
- ⚠ Should be protected from bumps

9 Warranty & After Sales Service

Warrant period is 2 years and starts from the invoice date.

The product is under warranty for 2 years for any technical failure or production flaw. Repair and troubleshooting will be done without any charge for parts and labor if the instructions in manual are followed in use of stretcher.

9.1 Conditions That Puts The Product Out Of Warranty

- If break or failure caused by user,
- If serial number of stretcher is removed damaged, or scratched,
- If any accident happened during loading, unloading, or delivery,
- If the product is used against the instructions in the manual,

10 STORING

Instructions below should be followed in order to store the stretcher for long time.

- Reset all functions of the stretcher.
- Make sure castors are on flat surface.
- Any other heavy object shouldn't be placed on the stretcher.

11 MAINTENANCE

Gas springs and moving parts of the stretcher should be periodically checked every three months. Read the following very carefully for this.

- Check side rails and mechanisms.
- Check the gas springs
- Check the nuts of moving parts.

It's recommended that maintenance and technical service are done by the manufacturer staff.



WARNING!

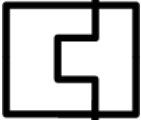
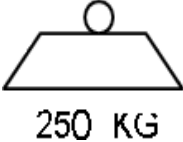
- ⚠ Don't use the stretcher if you notice any unexpected problem during maintenance

12 ENVIRONMENTAL PROTECTION

Optium Healthcare provides a healthy lifestyle to future generations by securing the future. Environment friendly materials are used in production. Dangerous materials, threat to human life and environment, such as mercury, cadmium, pcb, cfc are not used in production. Recyclable materials (plastic electronics and steel and metal parts) are returned recycle facilities for reuse.



13 SIGNS AND LABELS

	Type B		purpose of product
	Locks itself when heated		Conformité Européenne
	Warning		Don't throw it away.
	Recyclable materials		Read the manual
	Recyclable		safe working load

MAINTENANCE – MAINTENANCE SCHEDULE

[illegible]