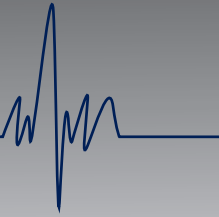




Solutions Start Here...



**Solutions Start Here**

[www.smpcanada.com](http://www.smpcanada.com)

**SMP Canada**

10 Sims Crescent, Richmond Hill  
Ontario, L4B-1K9 Canada  
Tel: (905) 764-7767 Fax: 1-866-627-9798  
[support@smpcanada.com](mailto:support@smpcanada.com)

**SMP 575**

**USER & MAINTENANCE MANUAL**



# USER MANUAL

## GENERAL PATIENT ROOM BED **SMP 575**

## About Us

We are a company that draws on innovation and excellence to provide solutions that enhance the ability for caregivers to effectively fulfill their duties. Our goal is to build a high-performing medical technology company that gives healthcare providers the tools they need to achieve better outcomes.

We are committed to helping our customers deliver safer, more efficient, technologically advanced equipment to the market place. Caregivers throughout the world look to us for solutions because we strive for excellence and adhere to their suggestions for improvement. We bring the passion, dedication, innovation and the drive in developing solutions that matter in making a difference in the lives we help save.

At SMP, we believe results speak louder than words. Our company is one that sets high standards with an emphasis on paying attention to details. We are passionate about raising the bar and regularly surpass our own ambitious goals.

Our products comply with and conform to world renowned healthcare standards such as NFPA, HTM, CSA, CE, FDA, IEC, UL and ISO 13485. We continually strive to achieve superior clinical results. We push the frontiers of medical research while maintaining uncompromising clinical integrity.

Our strategic relationship extends out to over 30 partners globally. Our partners rely on us regularly to provide quality turn-key solutions to better serve the health care industry.

We take great pride in providing accredited products that meet and exceed industry requirements.

At SMP, we don't just make promises, we deliver results!



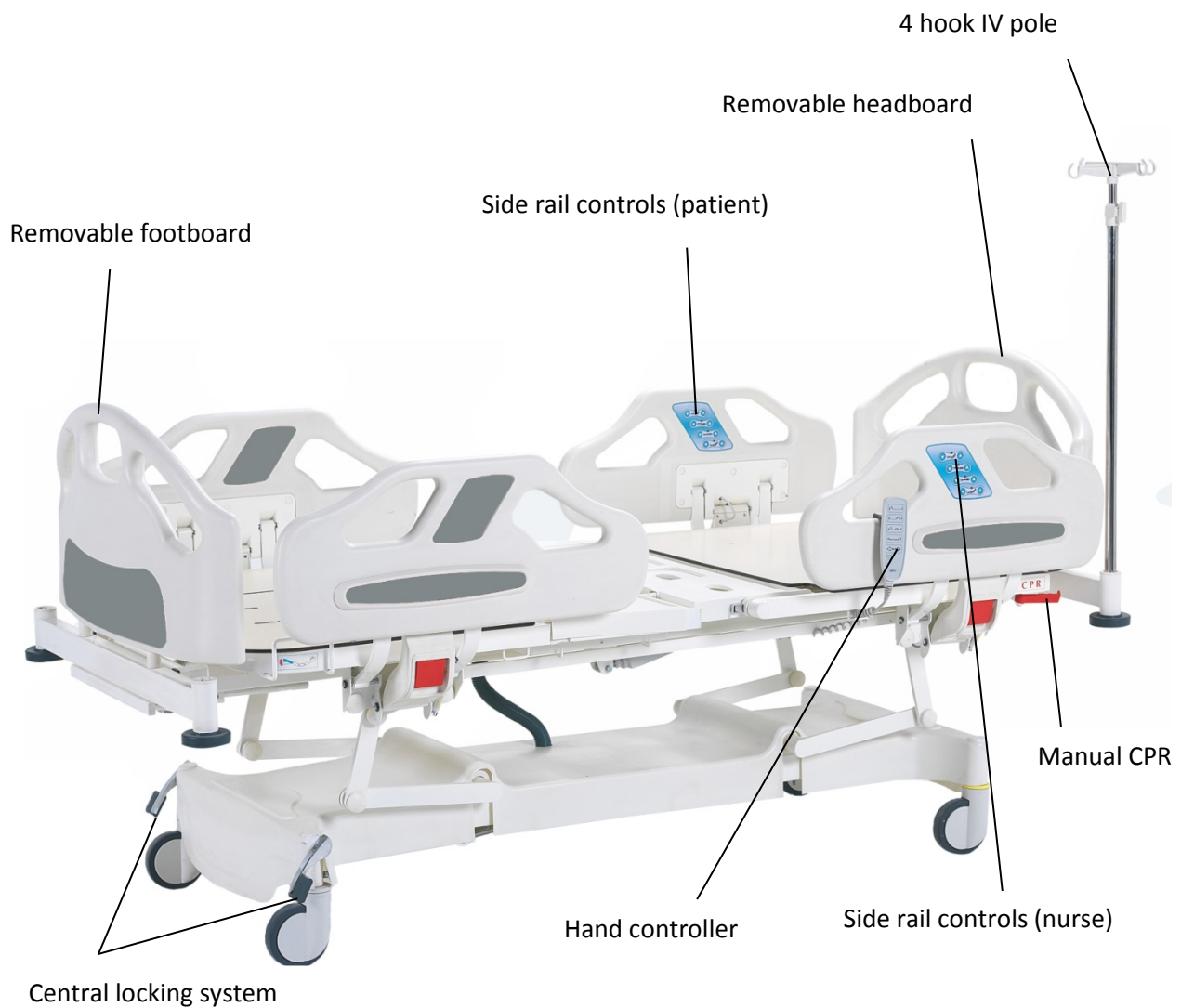


# USER MANUAL

## GENERAL PATIENT ROOM BED **SMP 575**

### APPENDIX C SMP-575

#### General Patient Room Bed – User & maintenance Manual





# USER MANUAL

## GENERAL PATIENT ROOM BED **SMP 575**

### General Remarks

We congratulate you on your choice of a SMP-575 bed and would like to thank you for your confidence in our company and its products. You have purchased a SMP-575 bed, developed and manufactured in accordance with the current state of technical knowledge.

SMP Canada's general patient room beds fully meet all safety and operational requirements. They are tested in accordance with international standard and carry the CE seal. This confirms that they fulfill the safety requirements relating to medical products. This user manual is intended to give you and your staff practical information and tips on the safe and correct use of the SMP-575 bed.

When putting the bed into service for the first time, or wanting to learn about its operation and maintenance, one must read and strictly obey this user manual. To avoid faulty handling and to ensure trouble-free operation of the bed, this documentation must be available to caregivers and/or patients at all times.

Secondary Medical Products Canada Inc.

**SMP Canada**

10 Sims Crescent

Richmond Hill, Ontario, L4B 1K9 Canada

Tel.: ++1 905-764-7767

Fax: ++1 866-627-9798

E-Mail: [info@smpcanada.com](mailto:info@smpcanada.com)

Website: [www.smpcanada.com](http://www.smpcanada.com)



# USER MANUAL

## GENERAL PATIENT ROOM BED **SMP 575**

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# USER MANUAL

## GENERAL PATIENT ROOM BED **SMP 575**

### 1. Safety Instructions

- Read the statements with detail and use this product in accordance with these statements. If necessary, place a copy of these instructions near the product.
- If you notice the product is not working, do not use it and contact SMP's technical service right away/
- Inform the patient and the other users about the functions of the product.
- Pay attention the situation of the patient and around before operating the patient bed.
- The safety weight capacity should not be exceeded. If there is an obligatory situation to exceed this limit, the surface which the patient lies on should be adjusted to lowest position and the functions of the bed should not be used.
- When the patient is on the bed, a second person should not sit on the bed.
- Before cleaning the bed or changing any part of the bed, always pull the power cable out the plug.
- The patient and the attendant are always in danger in the following situations:
  - In the course of taking the bed away from one place to another on crinkled or grungy surface
  - In the course of exceeding the safe working weight
  - In the course of placing the moving parts carelessly
  - In the course of being damaged of the power cable
- Only the approved brands' parts should be used. When the replacement parts which are provided from the other suppliers are used, the bed manufacturer company will not accept responsibility for any damage, loss or injury.

### 2. Bed Installation

During the installation of the bed, please obey the following rules:

- Open the package of the bed completely and carefully
- Check the bed for the possible damages during the carriage
- Check the accessories and the main parts of the bed for any deficiency carefully, in case of any deficiency, contact the service department
- Before taking action about the bed, read the user's manual carefully

#### **\*WARNING\***

**DO NOT PUT ANYTHING ON THE BOTTOM FRAME COVER**



# USER MANUAL

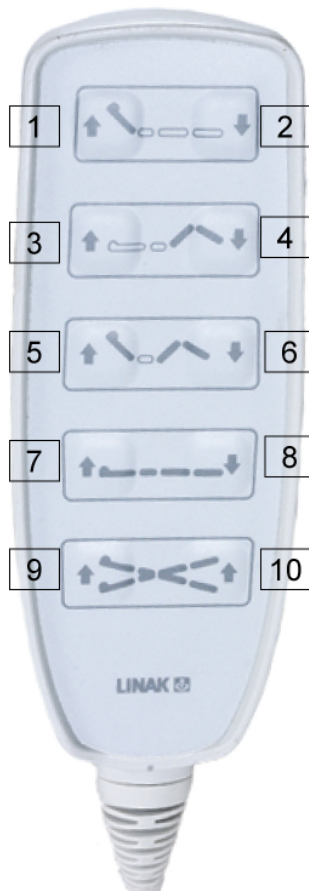
## GENERAL PATIENT ROOM BED SMP 575

### 3. Bed Usage

#### 3.1 Hand Controller

The controller is connected with a flexible cable so the patient and the attendant can use the controller in every position.

FUNCTIONS:



1. Backrest incline
2. Backrest decline
3. Legrest incline
4. Legrest decline
5. Fowler position increase
6. Fowler position decrease
7. Height increase
8. Height decrease
9. Trendelenburg (12°)
10. Reverse Trendelenburg (12°)

#### **\*WARNING\***

MAKE SURE THERE IS NOTHING AND NOBODY, ESPECIALLY CHILDREN, UNDER AND NEAR THE BED WHEN OPERATING THE FUNCTIONS OF THE BED.



# USER MANUAL

## GENERAL PATIENT ROOM BED **SMP 575**

### 3.2 Side rail controls

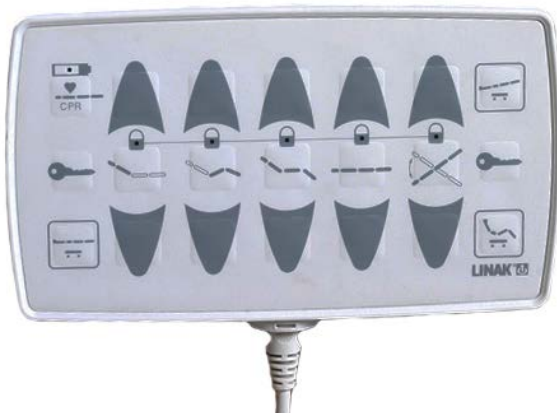
FUNCTIONS:



1. Fowler position increase
2. Fowler position decrease
3. Legrest incline
4. Legrest decline
5. Height increase
6. Height decrease
7. Backrest incline
8. Backrest decline

### 3.3 Nurse Control Panel (optional)

FUNCTIONS:







# USER MANUAL

## GENERAL PATIENT ROOM BED **SMP 575**

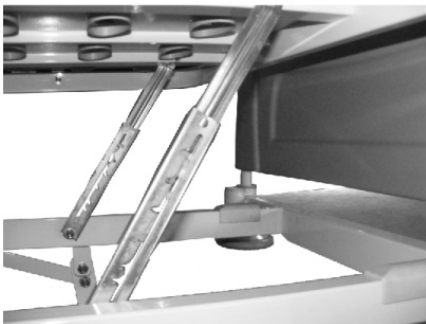
1	Electronic CPR	12	Backrest lock
2	Backrest incline	13	Legrest decline
3	Legrest incline	14	Legrest lock
4	Fowler position increase	15	Fowler position decrease
5	Height increase	16	Fowler position lock
6	Trendelenburg	17	Height decrease
7	Shock position	18	Height adjustment lock
8	Lock Button	19	Reverse Trendelenburg
9	Lock Button	20	Trendelenburg Lock
10	Examination position	21	Cardiac position
11	Backrest decline		

### 3.3 Manual Controls

Some of the features of the bed do not require electrical functionalities hence they can be adjusted manually.

#### 3.3.1 Legrest adjustment mechanism

Legrest movement is done by the help of a graded mechanism. Upholding the legrest is enough to uphold the graded mechanism. To lower again, uphold the legrest and then let it down. The legrest will come to straight position



#### 3.3.2 Side rails

There are four side rails on the bed for the safety of the patients. The side rails prevent the patient from falling out of bed and to avoid from external factors. The safe carriage capacity of each side rail is 75 kg.

Opening/Closing the side rail: To lower the side rail, pull the red latch to release the side rail and let it fold down. To raise the side rail, pull the lowered side rail upward. In both movements, the side rail locking mechanism becomes active automatically.



# USER MANUAL

## GENERAL PATIENT ROOM BED **SMP 575**

### 3.3.3 Manual CPR handle

To lower the backrest manually in an emergency situation, pull the handle located at the back of the backrest. Use this application to lower the patient's back in an emergency situation.

### 3.3.4 Central locking system

To activate the central lock, simply push down on brake pedal located at the end of the bed. Pushing the pedal down will lock all the wheels and prevent the bed from moving. To release the central brake use your foot to lift the pedal. Releasing the central brake will allow the bed to move freely.

## 3.4 Head/Foot Boards

The head and foot boards are designed to protect the patient from the environmental effects and increase the comfort of the patient. These boards are removable and can be installed easily. To remove the head/foot boards, simply pull on them by holding the top part and the boards will pop out of their holders. To install the head/foot boards, align the holes located at the bottom of the boards with the holders on the bed frame and simply push down to fix them in place.

## 4. Bed Cleaning

All SMP ICU bed models can be cleaned easily. The beds can be cleaned with a damp-dry duster. Make sure to discharge the patient out of the bed before commencing cleaning of the bed.

### **\*WARNING\***

NEVER USE ACID, DISSOLVENT, DETERGENT, PHOSPHATE OR ANY CHEMICAL INCLUDING PHOSPHATE OR ANY OTHER CORROSIVE AGENTS.

## 5. Storage

For the long term storage of the bed, obey the following instructions:

- Reset all of the adjustments of the bed
- Be sure that all the wheels of the bed are on a level surface
- Do not place any other bed or a heavy subject on the bed



# USER MANUAL

## GENERAL PATIENT ROOM BED SMP 575

### 6. Troubleshooting

PROBLEM	REASON	SOLUTION
The bed is not responding to any commands.	<ol style="list-style-type: none"><li>1. The power inlet is not plugged in.</li><li>2. The electric cable is not working.</li><li>3. The control box is not working.</li></ol>	<ol style="list-style-type: none"><li>1. Plug the power inlet in.</li><li>2. Change the electric cable.</li><li>3. Send the control box to repair.</li></ol>
The system is working but the motor is not working. There is a "click" sound coming from the control box.	<ol style="list-style-type: none"><li>1. The socket which has a connection with the control box of the motor is not connected.</li><li>2. The motor is broken.</li><li>3. The control box is broken.</li></ol>	<ol style="list-style-type: none"><li>1. Check the described socket if it is connected or not.</li><li>2. The motor needs to change, call the service.</li><li>3. The control box needs to change, call the service department.</li></ol>
The system is working but the motor is not working. No "click" sound is coming from the control box.	<ol style="list-style-type: none"><li>1. The control box is broken.</li><li>2. The actuator is broken.</li></ol>	<ol style="list-style-type: none"><li>1. The control box needs to change, call the service.</li><li>2. The actuator needs to change, call the service department.</li></ol>
The battery is out of charge. No "click" sound is present.	<ol style="list-style-type: none"><li>1. The battery is completely out of charge.</li><li>2. The battery is broken.</li></ol>	<ol style="list-style-type: none"><li>1. Charge the battery.</li><li>2. Change the battery.</li></ol>
While the system is working, but the motors are not moving properly.	<ol style="list-style-type: none"><li>1. The battery is completely out of charge.</li></ol>	<ol style="list-style-type: none"><li>1. Charge the battery, if it does not help, call the service department.</li></ol>

### 7. Symbols



B Type



Look at the user's guide.



Equipotential

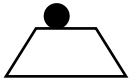


# USER MANUAL

## GENERAL PATIENT ROOM BED **SMP 575**



Bonding



= 175 Kg Safety Working Weight

### 8. Maintenance Inspection Schedule

TECHNICIAN NAME	SIGNATURE	DATE	EXPLANATION