

## Patient Electrical Immediate Treatment Stretcher



# **6000 50series**

HNT Medical

Positionable Stretcher





## ***USER MANUAL OF 600050/52/54***

- A) MANUFACTURER COMPANY:** Gokler Furniture Medical And Health Services Food  
Ingredients Construction Transportation Manufacturing Assembly Marketing Import  
Export Industry A.S
- B) BRAND** : HNT Medical
- C) ADDRESS** : 230 Grider St. Buffalo, NY 14215
- D) TEL NO** : 612-722-4081
- E) FAX** : 612-722-4086
- F) E-MAIL** : [service@hntmedical.com](mailto:service@hntmedical.com)
- G) TYPE** : Medical-purpose Hospital Furnishings and Equipment
- H) MODEL** : 6000 50series
- I) PRODUCT LIFE** : 10 YEARS
- J) SERVICE STATION** : HNT Medical

6000 50series models are designed on the basis of maximum safety and mobility. It is designed to facilitate the movement of patients via powered functionality and maximum mobility.

This user manual must be read before use to avoid damage from customer damage and to ensure the best performance from the product.



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## **1. SYMBOLS**

### **1.1 WARNINGS**

#### **1.1.1 TYPE OF WARNINGS**

The following symbols are used in the warning notice to distinguish the hazard according to the type.














- \* Caution property shows possible damage.
- \* Warning against bodily injury.
- \* Warning against dangerous fatal injuries.

#### **1.1.2 WARNINGS STRUCTURE**

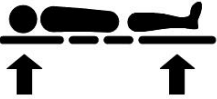

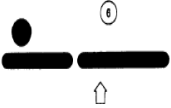


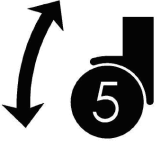
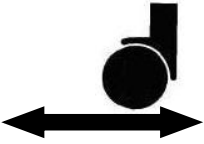
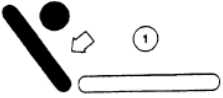
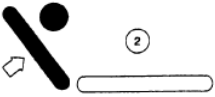
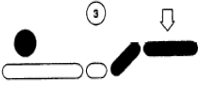


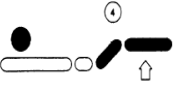
Hazard type and source  
Measures to prevent danger

## 1.2 Symbols and Labels on the Product

	CE mark
	Documents
	Protection against accidents due to electricity type B.
	Read user guide
	Safe handling load
	Maximum weight of the patient
	It is suitable for indoor use.
	Stretcher can be cleaned with a wet cloth.
	CPR Sticker
	Danger of handshake
	Side Rail Way Symbol
	The danger of dimensioning the stretcher, read the instruction manual, the functional danger of the side railing and the symbols of attention.
	Product Sticker

## 1.2.1 Control symbols and performance symbols

	Stretcher flat position movement
	The downward function of the mattress support platform
	The upward function of the mattress support platform.
	Reverse Trendelenburg
	Straight trendelenburg
	Fifth Castor
	Fift Castor Way Symbol
	Downside function of the headrest
	Upside function of the headrest
	The downward function of the leg section.

	The leg section's function in the upper direction.
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## 2. SAFETY AND DANGEROUS

### 2.1 Safety Instructions

- \* Follow the directions carefully, if necessary keep a copy of the instruction near the stretcher.
- \* Use the correct mains supply for the stretcher.
- \* It should ensure that the stretcher is run by experienced staff.
- \* Only original spare parts and damaged vehicles should be replaced immediately by qualified personnel.
- \* Do not load overloads and pounds on the stretcher.
- \* If you notice that the stretcher functions are not being performed, do not use the stretcher and inform the technical service.
- \* Give information about the use functions for the patient and other users.
- \* Safe use weight should never be exceeded. In cases where the weight of safe use must be exceeded, the surface on which the patient lies should be kept in the lowest position and the stretcher functions should not be used.
- \* The second person should not sit while the patient is lying on the stretcher.
- \* Stretcher should not use more than one patient at the same time.
- \* When adjusting the stretcher at the desired position, the condition of the patient and the stretcher should be carefully monitored.
- \* Only spare parts supplied by authorized servicing must be used. When spare parts supplied from other suppliers are used, stretcher manufacturer Gökler AŞ. Any damage does not accept responsibility for damage or injury.
- \* The stretcher should be cleaned with room temperature water and wiped with a damp cloth with disinfection solution.

### 2.2 Terms of Use

Stretcher operating conditions must be fulfilled.

- ❖ \* Temperature range must be between +10 ° C and 40 ° C.
- ❖ \* Relative humidity is between 30% and 75%.
- ❖ \* The following conditions must be observed.
- ❖ \* Head Stability Division : 0-60° Max:70°
- ❖ \* Trendelenburg Min : 12° Max : 18°
- ❖ \* The stretcher should not be connected to any other mechanism.



- ❖ \* In case of any malfunction, there should be no intervention except technical service.

### 3. STANDARDS AND REGULATIONS

The stretcher conforms to the following standards and directives.

- \* TS 6606 The stretcher used in hospitals.
- \* TS EN 980 Labelling of Medical Devices Used in the Symbols.
- \* TS EN 1041 Information Provided by Medical Device Manufacturers.
- \* TS EN ISO 14971 Application of Risk Management to Medical Devices-Medical

The following quality management system standards are applied.

- ✓ ISO 9001
- ✓ ISO 14000
- ✓ ISO 18001
- ✓ TS EN 13485
- ✓ TS EN 17025

### 4. FUNCTIONS

#### 4.1 Usage

The stretcher is designed to facilitate the movement of patients who have to sleep continuously after surgery



The stretcher should be used by qualified and trained staff in hospitals.

#### 4.2 Usage Error

Stretchers are not suitable for children and infants.

- \* Do not use your bed without qualified supervision

**NOTE:** Do not use the stretcher except for the above mentioned use. Contact NITROCARE for the necessary information.

## 5. DELIVERY SCOPE OF THE STRECHERS

### 5.1 Scope of delivery

- \* When receiving the product, check that the shipment is complete, as indicated by the items on the shipping carton.
- \* If there is a product defect or failure during shipment, make your technical service notification in writing.
- \* Test all the mechanical functions the chair has.

### 5.2 Stretcher Variants

S = Standart

I = Options

## 6. INSTALLATION

### 6.1 Delivery

They pay attention to being a safe means

- pay attention to the locked points of the wheels when loading and unloading
- Carry on suitable floors while moving the stretcher.
- Care should be taken that the overflowing railings are closed.

### 6.2 Transport

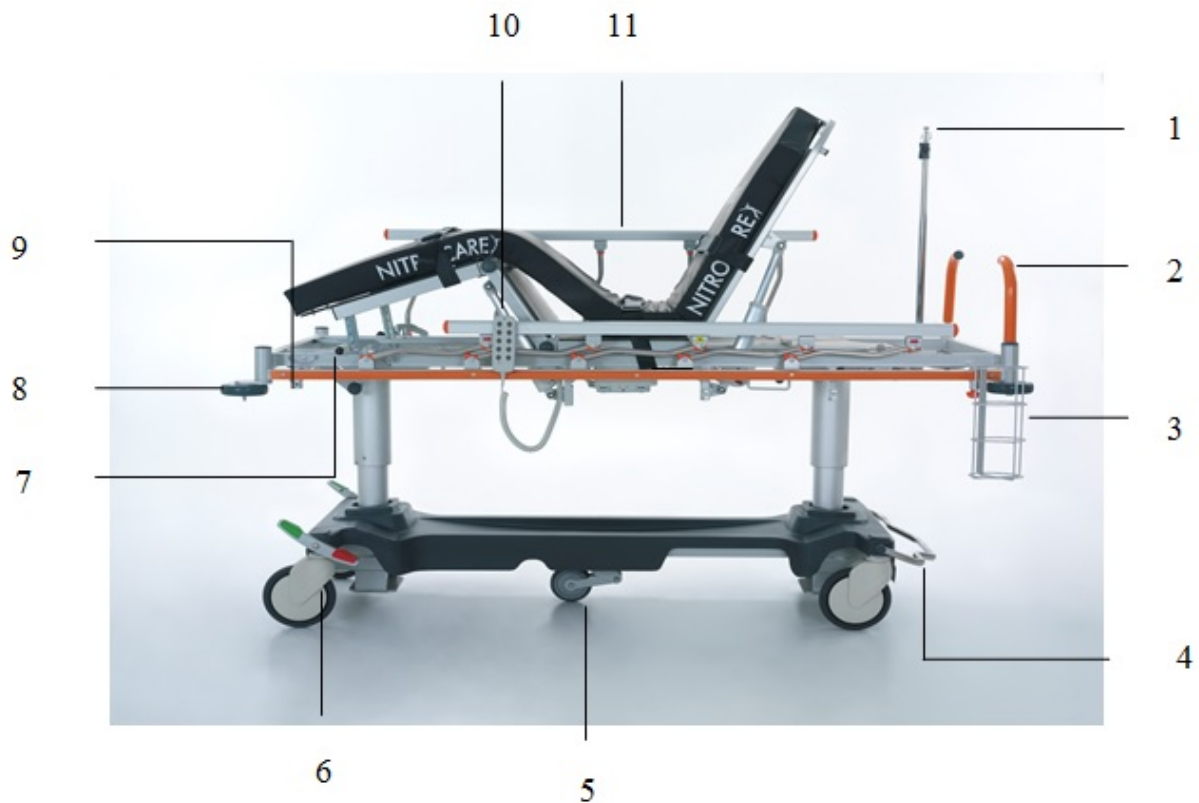
Such a sideneman

- The range of stiletto covers can be complied with.
- Where the delivery and stretcher variants are located.
- Wear the accessories properly.
- It is important to note that the floor to be monted is appropriate.

## 7. INSTALLATION



Incorrect installation can damage the stretcher. Installation of the Stretcher must be done by a technical service worker or a trained hospital staff.



## **NITROCARE Stretcher Overview**

- 1. IV Pole**
- 2. Handle**
- 3. Central Brake System Pedals**
- 4. Central Brake System Pedals**
- 5. Fifth Wheel Castors**
- 6. 200 mm Wheels**
- 7. Side Rail Open And Close Part**
- 8. Protection Bumpers**
- 9. Towel Rack**
- 10. Hand Control Unit**
- 11. Side Rails**



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## **8. WORKING SYSTEM**

### **First Working System**

- Insert the stretcher plug into the outlet
- Run and control the height, back and foot motors.
- Check the wheels and also check that the brake system and direction wheels work.
- Check the control control.
- Check the function of the side rails.
- Deliver the disassembled packaging where necessary for environmental health.

**NOTE:** If any problem is encountered during the stretcher installation, the intervention must be intervened by the Nitrocare technical service staff.

### **8.2 Removing the Stretcher from the Hospital Emergency Service**

The stretcher is removed from the service as follows.

Unplug the emergency responders.

Remove accessories

Check that the wheels have been brought to the correct function

To prevent the stretcher from being damaged in storage;

They are packaged neatly, including stretcher and accessories.

Stretcher must be properly stored in accordance with working conditions

Be careful not to place a heavy object on the stretcher

Make sure the stretcher is kept on a level surface

## 9. CONTROL ELEMENTS

### 9.1 Functions



Danger of injury when setting up a stretcher.

- Beware of any body parts between the stretcher platform.
- Stay away from the jamming areas when adjusting the stretcher positions.
- Do not move the stretcher apart from a safe load.

Control elements connected to the model,

- Hand control (Adjusting patient positions)

### 9.2 Hand Control Unit

- Designed for stretcher motion control. It is connected with flexible cable and it is possible for patient staff and patient to use easily in any position.



- 1.Provides the upward movement of the slider function
- 2.Provides downward movement of the slider function
- 3.Provides upward movement of light function
4. Allows downward movement of light function
- 5.Provides upward movement of back and foot function
- 6.Provides movement of back and foot function
- 7.Provides upward movement of height function

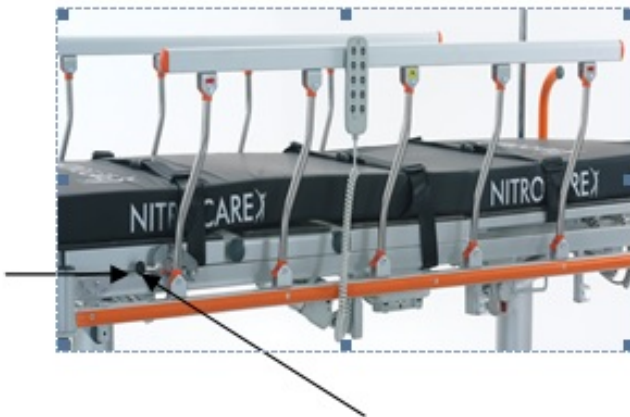
- 8.hows down movement of height function
- 9. Provides straight trendebulg movement
- 10 Provides upside down trendebulg movement

## **9.2.2 Handle**



Stretcher movement is provided by taking support from stretcher holders in situations where the stretcher should be moved. It has a folding feature after the operation is completed.

## **9.2.3 Side Rail**

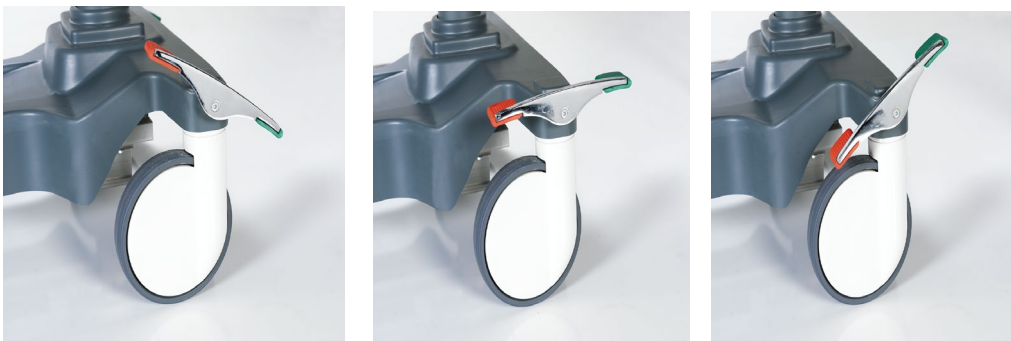


It has manual control system which is designed with foldability feature for safe transportation of patients.

## 9.2.4 Central Brake System



Central Brake Bar



3 Level Central Brake System.

The pedal locks the bed down as the center of movement.

If the pedal is parallel, all the wheels are free.

The top of the pedal comes in antistatic feature-direction circuit.

## 9.2.5 Fifth Wheels



By turning the fifth wheel pedal to the down position, the fifth wheel is activated. In this way, the facilitator is provided with ease of movement.

## 9.2.6 X Ray Caset Holder



The cassette compartment on the back of the stylus completes its manual function.

The covering of the back part is made from compact material and has the feature of passing X-rays.

Before the patient is moved, the back of the patient's crib is lifted to reach the stomach.

The ease of use is ensured with the X Ray cassette sleeve.

## 9.2.8 IV Pole



## 10. PATIENT TRANSPORT

### 10.1 Points to Consider in Patient Transport

Make sure that the stretcher is in the proper position.

Make sure that the braking system is switched off when the patient is in position.

Make sure the patient is in the center of the stretchers.

Make sure the stretcher is at the lowest level.

Check that the belts are securely connected.



## 11. CLEANING / DISINFECTION



### **Accidentally stretcher movement danger of injury**

- Check the stretcher movement functions when cleaning the stretcher moving parts.



### **Wrong cleaning / disinfection that will damage the stretcher**

-Do not use pressure cleaners.  
- Never use acid, solvent, detergent, phosphate or phosphate or corrosive substances (Optimum pH Range 6-8) for cleaning.

**NOTE :** The plastics used in the footage are made from anti-bacterial (ABS) plastic. Metal surfaces are coated with electrostatic powder paint. As a result, all NTCR SDY models can be easily cleaned. The stretcher can be cleaned with a damp cloth or sponge. One of the important things to keep in mind in cleaning is the cleaning of all surfaces after the release from the drapery.

For a safe and healthy cleaning

\* Do not use abrasive powders, steel wool, or other material or cleaning materials that may cause damage.

\* Do not use solvents or detergents that may affect the plastic structure and consistency (benzene, toluene, acetone, etc.)

\* Clean the stretcher with a damp cloth that has been thoroughly squeezed.

## 12. PERIODIC CLEANING

### • 12.1.1 Daily cleaning

Clean the following stretcher parts.

- \* All arms
- \* Stretcher ends and surfaces
- \* Accessory

### 12.1.2 Cleaning prior to patient exchange

- Clean the following stretcher parts.
- All arms

- CRP Adjust Arm
- Freely accessible bearing surface
- Mattress platform covers
- Freely accessible metal surfaces
- Side Rails
- Bumpers
- Brake
- Wheels
- All accessories
- Lift
- Note : If any malfunction is to occur, it must be intervened by authorized personnel.

## 12. TROUBLESHOOTING

PROBLEM	REASON	SOLUTION
Fifth Wheel can not perform	Explosion of fifth wheel dampers due to overloading	Replacing shock absorber with new
Failure of lifts	Unloading the lift due to overload	Replacement by liftin



**NOTE:** Maintenance records should not be kept for each of the seals and these intervals must be made at certain times.

## 13. MAINTENANCE AND REPAIR

### 13.1 Maintenance Periods



**There may be danger of injury.**  
- Brakes must be locked during installation and maintenance

**Defective stretcher may cause injuries**

- The faulty stretcher should be repaired urgently.
- The defective stretcher should never be used.

**The stretcher may be damaged due to improper maintenance.**

- hospital staff should get help from Nitrocare if they are not sure
- Maintenance should only be carried out by authorized, trained personnel.

**NOTE:** Maintenance records should not be kept for each of the seals and these intervals must be made at certain times.

**14.1.1 Monthly Maintenance**

Check all moving parts for wear.

**14.1.2 Maintenance every 4 months.**

Check the brake pedal function.

Check the engine's functions.

Check the bolt and hinges of the chair.

Check the stretcher moving mechanisms.

Check the bolts on the wheel and tighten if necessary.

Check the belts.

**14.1.3 Maintenance every 12 months**

General controls of the stretcher mechanical moving systems and accessory plastics should be made and the parts worn and loosened should be replaced as a result of the controls.

**14.2 Spare Parts**

Failures arising from usage errors and spare parts are outside the scope of the warranty.

\* If there is any problem to be done by the trained hospital personnel, please inform the technical service unit of our company

Request for spare parts and information.

\* NITROCARE technical service

\* [teknikservis@nitrocare.com.tr](mailto:teknikservis@nitrocare.com.tr)

\* 0542 845 23 05

## 14.2.1 Wear

- \* Check all bolts tighten if necessary
- \* Check all locking mechanisms
- \* Change the wear accessories.
- \* Do not use defective materials in place of worn materials.

## 14.2.2 Functionality

- \* Check that the stretcher position adjustments function at the maximum level.
- \* Replace worn and worn parts.

## 14.2.3 Coloumn

- \* Check the coloumn movements.
- \* Check for incorrect and interrupted movements. Faulty shock absorbers should be replaced if necessary.
- \* Check the damper heads and the worn heads should be replaced.

## 14.2.4 Wheels

- \* Check the connecting bolts and replace if necessary.
- \* Move the wheels and check that they work properly.
- \* Forward movement
- \* Unlimited movement
- \* Check the brake movements and change wheels when necessary.

## 14.3 Aaccessory

Check the all Accessories on the strecher

## 15. SAFETY CONTROLS



### **Incorrect security checks may result in injury.**

- Security is ensured by our technical service staff.
- Security checks are recorded on the Product Delivery Technical Service and After Sales Service form.



### **The defective stretcher may cause injuries.**

- The defective stretcher should be repaired immediately.
- Do not continue to use the large defective stretcher

**NOTE :** Stretcher is manufactured within the framework of TS 6606 / TS EN ISO 14971 standards. Experiments are conducted and reported in order to ensure quality continuity under the supervision of TSE auditors.

## **16. Wipe-Out**

### **16.1 Environmental Protection**

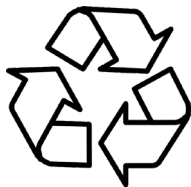
The idea of preserving the environment of NitroCare is to take great steps in thinking about future generations.

This product's materials are environmentally compatible. It does not contain dangerous substances.

The customer is informed with the used symbols and signs.

Product recycled steel, electrical components and wood materials are used.

The product packaging is made with recycled boxes.



## **17. WARRANTY**

Nitrocare will only be held liable for service and product reliability on a regular basis.


If a serious irreparable problem arises during maintenance.

\* Do not continue to use the stretcher.

This product is covered by a warranty for 24 months from the date of purchase. Errors caused by production and assembly mistakes are made free of charge. Defects arising from use failure are not covered by the warranty. The use of the product is determined within the terms and conditions set out in the standard.

## 17. TECHNICAL SHEET

### 17.1 Specification

NITRO SD 14 Electrical Stretcher Technical Sheet				
			Size	
<b>A</b>	Stretcher Length ( Overall )		2140	mm
<b>B</b>	Stretcher Width		990	mm
<b>C</b>	Bed Surfaces High	min.	510	mm
		max.	910	mm
<b>D</b>	Stretcher Bed Surfaces Width		640	mm
<b>E</b>	Iv Pole Hight	min.	1240	mm
		max.	1600	mm
<b>F</b>	Bodywork			mm
<b>G</b>	Back Angle		0-80	°
<b>H</b>	Iv Pole			
<b>I</b>	Fifth Castors			
	 Safety Loading Capacity		225	kg
<b>J</b>	Wheel Diameter		200 mm + 125 ( 5. wheels)	mm
<b>K</b>	Trendelenburg Angle	Min	12	°
		Max	16	°
<b>L</b>	Reverse Trendelenburg Angle	Min	12	°
		Max	16	°
<b>M</b>	Mattress	Mattress		d
		700 x 1980 x 80 H		mm

## 18. Storage

The following instructions must be followed in order to store the cradle for a long time.

- Reset all the settings on the stretcher.
- Make sure the stretcher's wheel is on a flat surface, on a steady ground.
- Be sure to place another bed or a heavy object on it.



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## 19. MOTORS

Electrical Properties

Parts and structure of NTCR models are designed according to safety rules.

The models have IPX4 protection rating.

### MOTORS

	HIGH MOTOR	BACKREST MOTOR	LEG MOTOR
<b>Brand</b>	<b>LINAK DEWERT</b>	<b>LINAK DEWERT</b>	<b>LINAK DEWERT</b>
<b>MOTOR 1</b>	<b>LINAK DEWERT</b>	<b>3500 N / DC / IPX4 2000 N / DC / IP66</b>	
<b>MOTOR 2</b>	<b>LINAK DEWERT</b>	<b>3500 N / DC / IPX4 4000 N / DC / IP66</b>	
<b>MOTOR 3</b>	<b>LINAK DEWERT</b>	<b>6000 N / DC / IPX4 6000 N / DC / IP66</b>	
<b>MOTOR 4</b>	<b>LINAK DEWERT</b>	<b>6000 N / DC / IPX4 6000 N / DC / IP66</b>	
<b>CONTROL BOX</b>	<b>LINAK DEWERT</b>	<b>230 V, 50Hz</b>	
<b>HAND CONTROL UNIT</b>	<b>LINAK DEWERT</b>	<b>--</b>	

**NOTE :** Engines should be rested for 18 minutes and run for 2 minutes.

## 20. PRODUCT DELIVERY

**Order No ( Proforma Invoice No) :**  
**Customer :**  
**Product :**  
**Serial Number :**  
**Delivery Time :**

Confirm that the delivered surgeon is working properly by the hospital staff.

Date :

Signature and Stamp of the Client :







# *USER MANUAL OF 600050/52/54*

## **CONTACT:**

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