

PATIENT IMMEDIATE TREATMENT STRETCHER



SD04

Nitrocare



USER MANUEL

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- G) TYPE** : Medical Purpose Hospital Furnishings and Equipment
- H) MODEL** : NTCR SD 04
- i) PRODUCT LIFE** : 10 Years
- J) SERVICES STATION** : Gökler Mobilya Medikal Ve Sağlık Hizmetleri Gıda Maddeleri İnşaat Nakliye İmalat Montaj Pazarlama İthalat İhracata Sanayi A.Ş.

NTCR Stretcher models are designed essentially with maximum safety and mobility. They are designed considering the physically disability and comfort for the highly risked patients.

This user manual must be read clearly through to avoid customer related damages and to achieve the best performance of the product.

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1. Symbols

1.1 Warnings

1.1.1 Warning Types

Recognize the kind of danger by using the symbols below in warning announcements.

- Warning, it shows property potential damage.
- Warning to personal injury risks.
- Warning to danger potential fatal injuries.

1.1.2 Warning Structure

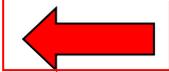


Danger type and source:

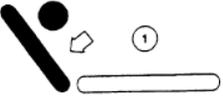
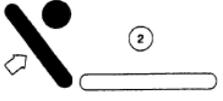
- Danger precautionary warnings

USER MANUEL

1.2 Symbols and Labels on the Products

	CE Symbol
	Accompanying Documents
	Read user manual
	Safe carrying weight
	Maximum weight of the patient
	Suitable to indoor use
	Patient bed is cleanable with moist cleaning rag
	Jammer danger
	Side Rails Symbols

1.2.1 Labels based on Control Devices and Performances

	<p>Stretcher flat position movement</p>
	<p>Reverse trendelenburg</p>
	<p>Trendelenburg</p>
	<p>Back rest adjustment (down)</p>
	<p>Back rest adjustment (up)</p>

2. Security and Dangers

2.1 Security Instructions

- Please follow the instructions clearly and place a copy of the instructions near to the bed if it is required.
- Use the right power supply for the bed
- Please be sure that a qualified staff operates the bed
- Spare parts can be changed only with the original one. It must be changed from qualified staff.
- Please do not load to many weight on beds
- Please do not use the bed when you notice that the functions do not work and inform the technical department.
- Pass information to the patient and other users regarding the functions.
- Do not exceed safe carrying capacity. In case of exceeding this capacity, lower the height of the bed to the lowest position in horizontal straight form and do not use the functions of the bed.
- A second person is not allowed to sit on the bed while a patient is laying on it.
- Patient bed shall not be used from more than one person at the same time.
- Please control the safety of the floor and the environment of the bed before adjusting the position if.
- Plug out the power cable before cleaning the bed or before changing any parts of it.
- Patient and the nurse are in danger at the situations listed below.
 - ❖ When the power cable is damaged.
 - ❖ When the floor and the ambiance around the bed is not save while transporting the bed from one place to another.
 - ❖ By wrong cleaning,(example; automatic cleaning or cleaning with pressure water)
 - ❖ When the safe weight capacity is exceeded.
- Only spare parts from the authorized service can be used. Manufacturer cannot be held responsible for any damage, loss or injury by using separate parts from other suppliers.
- Cleaning must be done with room temperature water and disinfect solution with a moist cleaning rag.

2.2 Terms of Use

Terms of use of patient bed must be followed

- Temperature range must be between +10 ° C and 40 ° C
- Bound moisture is between 30 % and 75 %
- Beds are designed for use of medical purpose for rooms. Electrical installations must therefore suit with the local connection.
- Conditions listed below must be followed.
 - ❖ Do not stow something on the plastic bottom chassis
 - ❖ Back leaning section : 0-85°
 - ❖ Trendelenburg : 0-13°
 - ❖ Reverse Trendelenburg : 0-13°
- Do not connect the patient bed with another free mechanism.
Only the technical service is allowed to treat in any breakdown situation

3. Standards and Regulations

Patient bed suits to the standards and directives listed below.

- ✓ TS 6606
- ✓ TS EN 980
- ✓ TS EN 1041 Tibbi
- ✓ TS EN ISO 14971

Application of quality management system is listed below.

- ✓ ISO 9001
- ✓ ISO 1400
- ✓ 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. Scope of Delivery of Patient Beds

5.1 Scope of Delivery

Delivery:

- Please control the products by receiving the delivery if they are delivered exactly to the packing slip.
- By noticing some defects or losses of the product during the unloading, please inform the technical service in written form.
- Please test all mechanical and electronic functions and be sure that all motors and all control buttons are working as required.

5.2 Stretcher Alternatives

S= standard

I= optional

Customer required bed specifications

OPTIONS

Head Restraint System

Defibrillator Table

Full Hpl Bed Surface

6. Installation

6.1 Stretcher

Points to consider for safe transportation

- Be sure that no cables are connected while transport
- Be sure that the electrical cable is connected to the hook which is placed at the head of the patient bed
- Be sure that the castors are locked while loading and unloading
- Carry all beds on proper floors

6.2 Carrying

Do the adjustment listed below

- Follow the rules listed below during the installation of the beds
- Lock at the scope of the delivery and bed alternatives
- Assemble all accessories to their right slots
- Assemble the foot and head boards while delivery
- Be sure that the floors are suitable for mounting

7. Mounting



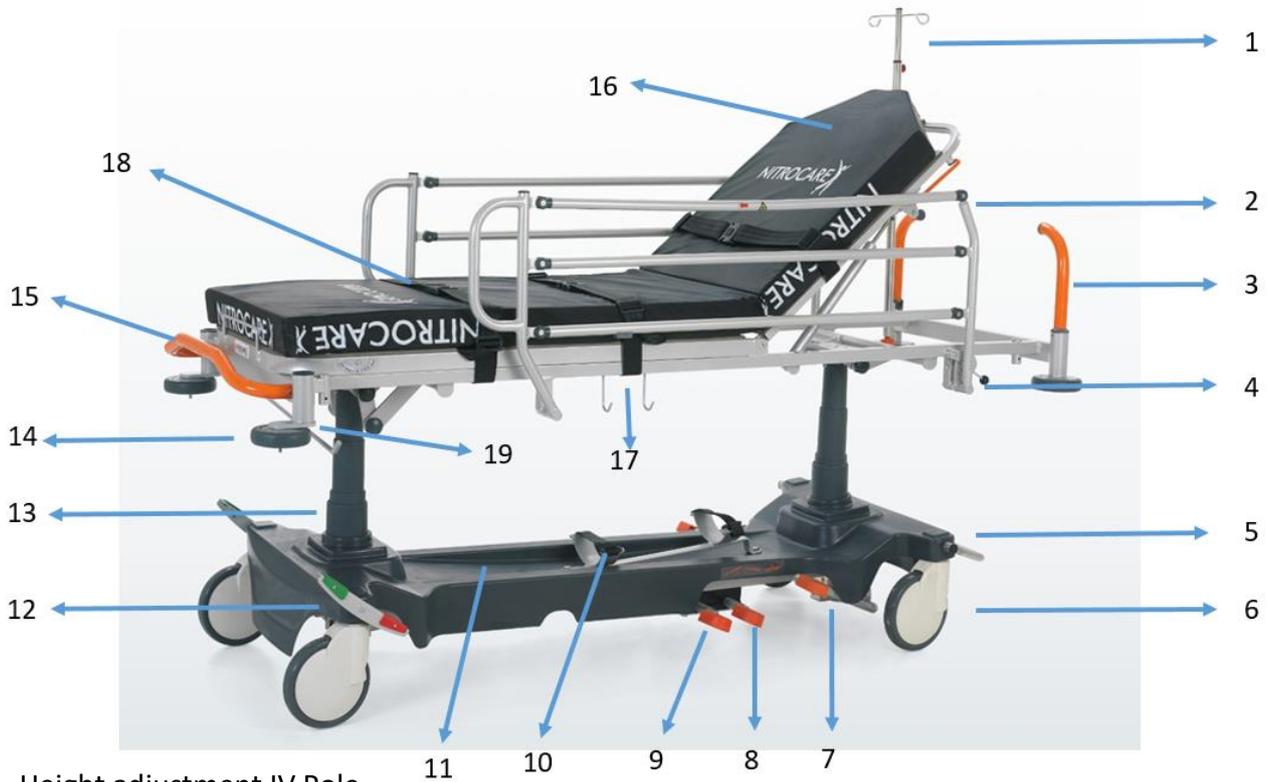
Working at a bed with wounding risks

Be sure that the patient bed is plugged out while mounting
Be sure that the castors are locked before mounting.



Wrong mounting of the patient bed can injure Mounting off the patient bed must be don from the technical service or from a trained hospital staff.

8. NITROCARE SD04 OPERATING



1. Height adjustment IV Pole
2. Metal Side Rail
3. Adjustable Handles
4. Side Rail Open Close
5. Central Brake System Bar
6. 200 mm Wheels
7. High Adjustment Pedal
8. Trendelenburg Pedal
9. Reverse Trendelenburg Pedal
10. O² Tube Holder
11. ABS Cover
12. Central Brake System Pedal
13. Hydraulics Columns
14. Protection Bumpers
15. Foot Part Push Bar
16. Antibacterial and Water Proof Mattress
17. Urine Bag Holders
18. Safety Belt
19. Towel Rack

8.1 Working System

First Working System

Prepare the stretcher as follows.

Check if the head movement is working or not.

Check whether the head damping mechanism is working or not.

Check whether the foot damping mechanism is working or not.

Check the all Pedals

Check the connections.

Check the side rails mechanism

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 emergency service station as follows.

Check that you bring the wheels to the right function

Remove accessories

To prevent damage to the storage

Packed neatly including stretcher and accessories.

✓ Make sure that no heavy objects are placed on the sofa.

✓ Make sure that the stylus is kept on a smooth surface

Storage process should be provided in accordance with stretcher operating conditions

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.

10. MANUAL CONTROLLED SYSTEMS

10.1 Back Movement



Stretcher back arm. Back Angle : 0-85°



The patient may be injured because of the very fast movement of the back part. Beware that there is no body part between the stretcher platform and the back. Make sure that the side handrails are in the lowest position. Do not move the stretcher apart from a safe load.

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10.2 Handle



Head Side Adjustable Handles



Foot Side Fix Push 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.

10.3 Side Rail



It has a manual control system designed with foldability for safe transport of patients. The folding feature of the side rails becomes active when the mechanical part in the middle part of the side fence is lifted up. The side rails produce by Stainless Steel and Aliminium.

10.4 Central Brake System



Central Brake Bar

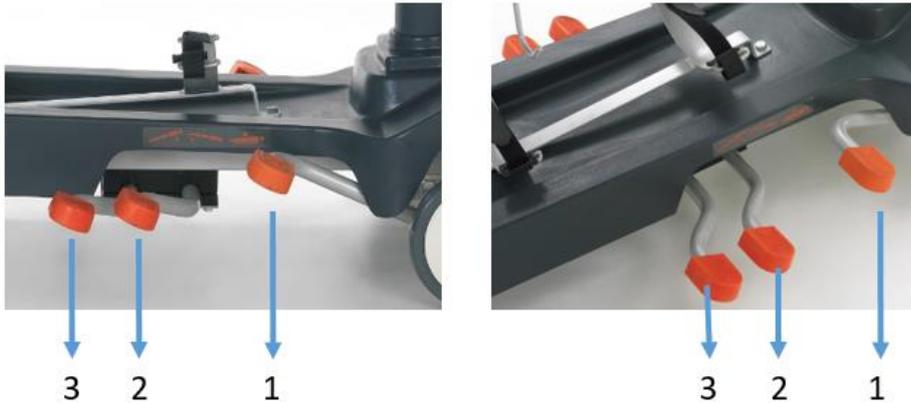


Cental Brake Pedal

3 Level Central Brake System. 1 Bar and 2 pedals brake systems.

With the pedal at the top, the anti-static direction wheel is activated.

10.5 Function Pedals



1. High Adjustment Pedal –Both Side of the Stretcher
2. Trendelenburg Pedal – Both Side of the Stretcher
3. Reverse Trendelenburg Pedal – Both Side of the Stretcher
4. When The Pedal Number Two And Number Three Is Pressed Together, The Stretcher Makes The Down Movement.

10.6 IV Pole



Stainless Steel 2 hooks IV Pole. Serum Holder With Four Hooks Can Be Made Optionally.

11. PATIENT TRANSPORT

11.1 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.

12. 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.

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.

13.1.1 Monthly Maintenance

Check all moving parts for wear.

13.1.2 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.

13.1.3 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. Parts and Accessory

14.1 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
- * 0542 845 23 05

14.2 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.

14.3 Functionality

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

14.4 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.

14.5 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.

14.6 Accessory

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. DISPOSAL

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.

18. EC DECLARATION OF CONFORMITY

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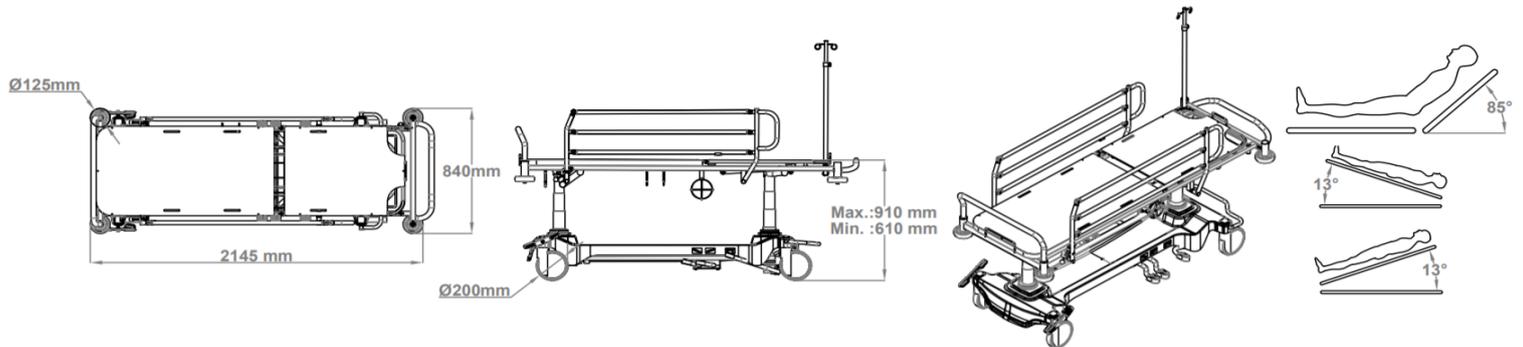
19. TECNICAL SHEET

19.1 Mecanical Specification

- ✓ Weight
- ✓ 0.5 kg
- ✓ Slope Angle
± 3°

19.2 TECNICAL SHEET

NITRO SD 04 HYDRAULIC CONTROLLED STRETCHER		Technical Sheet	
		Sizes	Mm
A	Stretcher Length (Overall)	2145	mm
B	Stretcher Width (Overall)	840	mm
C	Bedding Surface Ground Clearance	min.	610 mm
		max.	910 mm
D	Iv Pole Hight	min.	1240 mm
		max.	1600 mm
E	Bodywork	3,5	mm
F	Safety Loading Capacity	250	Kg
G	Wheel Diameter	200	mm
H	Trendelenburg	13	°
I	Reverse Trendelenburg	13	°
i	Mattress	600x1925x80	mm
α	Back Angle	0-85	°



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20. 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.

21. 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 :

Transporter Signature and Stamp :

22. SERVICE AND MAINTENANCE LOG

Service Description	Date	Performer

CONTACT:

Organize Sanayi Bölgesi 1. Kısım 1.cad NO:7-8 SİVAS/TÜRKİYE

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