

GK Novum 100

version 2.3



***User manual
11/2017***

CE



Congratulations on your decision to purchase a GK Lifter. You have acquired an Austrian quality product which will considerably ease the strain involved in patient care.

Due to their advanced ergonomic design, GK Lifters are simple and straightforward to use. In spite of that, we would ask you to study the instructions carefully before operating the lifter. The detailed information contained in this manual will facilitate your practical work.

■ Contents

Intended use	3
Safety precaution	3
Components	4
Castors	5
Operation of the lifter	6
Procedures	6-7
Transfer from bed	6
Transfer to bed	6
Bathing	7
Cleaning & care	8
Maintenance	8
Service	9
Identification plate & CE mark	9
Transport of the lifter	9
Technical data	10
Standards & regulations	10

■ Intended use

Mobile transfer system for lifting and transferring patients with restricted mobility (no age restrictions). The transfer system is mainly used in care institutes, to a lesser degree also on hospital wards. It is used in a professional environment by trained and competent personnel.

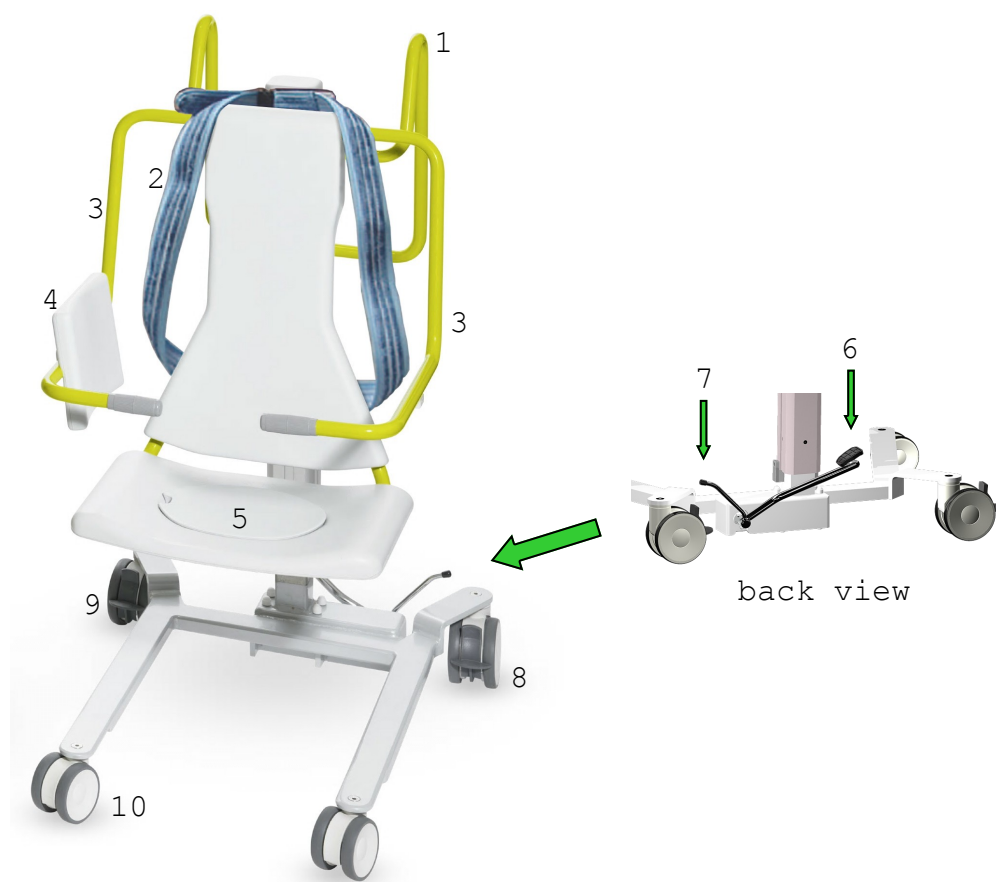
■ Safety precautions

- In accordance with MDD regulations, this product may only be operated by personnel trained to use it in an appropriate manner.
- Only personnel instructed in the use of this equipment are authorised to use it.
- Thoroughly clean the lifter after each use in order to prevent potential spread of germs.
- Whenever a patient is on the lifter, the safety harness must be fastened around his/her upper body in such a way that a fall of the patient off the lifter is prevented. It may be taken off only during bathing (see chapter "Procedures - Bathing") and for leaving the lifter.

Note: The safety belt must be ordered separately, since it is not included in the scope of delivery by default.

- While rolling both swivel grab bars must be in down position. When swivelling the grab bars be careful not to injure the patient on the lifter.
- Push the lifter only in a gentle manner. Ensure a safe and risk-free transfer for the resident.
- When lowering the lifter, make sure that there are no objects close by which might block the downward movement. This could result in injuries to the carers or the resident or in damage to the lifter.
- Do not place any objects on the lifter since they might fall off it in consequence of movements or vibrations.

Caution: *To ensure safe and proper use of the equipment, the safety precautions and instructions contained in this manual must be observed. Repairs or modifications to the equipment by unauthorised personnel void all warranties.*



■ Components

1. Push grip
2. Safety harness
3. Swivel grab bars
4. Backrest small
5. Cover for central section
6. Foot lever (pump this end to raise the stretcher)
7. Foot lever (press down this end to lower the stretcher)
8. Swivel castor (Ø 125 mm) with brake
9. Swivel castor (Ø 125 mm) with brake and directional stability
10. Swivel castor (Ø 100 mm) without brake or dir. stability

■ Castors

The lifter is equipped with four castors for horizontal movement. The two rear castors can be braked in order to stop the lifter from moving. One of these additionally is equipped with a directional stability lock.

To activate the castors' brakes or the directional stability lock, their respective pedals must be pressed down. To deactivate them again, the pedals must be pushed back up.

Caution: During the transfer of patients from or to the lifter, both rear castors' brakes must be locked.



Castor with brake
brake loose



brake activated



Castor without
brake



not locked



directional stability
activated



brake and dir.stab.
activated

■ Operation of the lifter

The energy your lifter needs for raising and lowering the patient is provided by your muscle power.

By pumping the foot lever (see chapter "Components") the stretcher of the lifter is gradually raised. By pressing and holding the foot lever on its other end the lifter's stretcher is lowered through gravity and is retarded by the hydraulic system.

■ Procedures

Transfer from bed

By lowering the seat to the level of the mattress it is possible to turn a patient onto the lifter.

1. Attach the safety harness to the mounting points provided.
2. Lower the seat to the mattress level.
3. Lock the castors.
4. Turn the patient onto the seat and close the swivel grab bar with the small backrest. Normally the patient is aligned with the back against the small backrest.
5. Fasten the safety harness around the resident's upper body.
6. Close the 2nd swivel grab bar over the patient's legs.
7. Raise the seat enough for pulling away from the bed.
8. Unlock the castors.
9. Gently pull the lifter from the bed and bring the seat to a comfortable and safe height for moving.

Caution: During transfer it is advisable for the resident's hands to rest on the grab bar in front.

Transfer to bed

1. Lower the lifter to the mattress level.
2. Lock the castors.
3. Open the safety harness.
4. Open the swivel grab bars.
5. Turn the resident onto the bed.
6. Raise the seat enough for pulling away from the bed.
7. Unlock the castors and pull the lifter away from the bed.

Bathing

While being bathed, the resident always stays on the lifter.

1. Fill the bathtub with water and lower it completely.
2. Raise the seat and gently move it over the bathtub.
3. Lock the castors.
4. Raise the bathtub to the desired working height.
5. Lower the seat into the water.
6. Open the safety harness.
7. Open the swivel grab bar in the front of the resident.
8. Bathing
9. After bathing, drain the water from the bathtub.
10. Shower and dry the resident.
11. Fasten the safety harness around the resident's upper body.
12. Close the previously opened swivel grab bar. (Both swivel grab bars must now be closed.)
13. Lower the bathtub completely.
14. Raise the seat above the bathtub's edge's height.
15. Unlock the castors and gently pull the lifter away from the bathtub.
16. Lower the seat to a comfortable and safe height for moving.

Caution: While the lifter and the bath tub are being raised or lowered, make sure that the resident's hands rest on his/her stomach or the level section of the closed grab bar (danger of becoming trapped).

Caution: When pushing or pulling the lifter to or from the bathtub, ensure that the resident's legs stay safe.

Caution: When opening or closing the swivel grab bar, ensure that the resident does not get hurt.

Note: A resident's state of health may require the safety harness to remain fastened also throughout the bathing procedure.

■ Cleaning & care

Caution: Never use pointed utensils or gritty scouring agents. In case of cleaning agents containing alcohol, these may only have an alcohol content of max. 5 %.

Should you be in doubt about the effects of various cleaning agents on the lifter, our local representative will be happy to advise.

Cleaning the lifter after each transfer:

Wipe lifter with a damp cloth after use. Should it still not be quite clean, use a sponge or a household cleaner.

Cleaning the lifter after bathing a patient:

The lifter must be cleaned after every bath.

1. Move the lifter over the tub.
2. Rinse the stretcher. It may be necessary to apply a cleaning agent before.
3. Rinse off cleaning agent and wipe the stretcher dry.

Washing the safety harness:

In general the safety harness should be cleaned in a normal way along with the foam padding. However, it can also be washed at regular intervals or in case of special need in compliance with the following instructions.



■ Maintenance

Visual inspection of all moving parts must be carried out regularly.

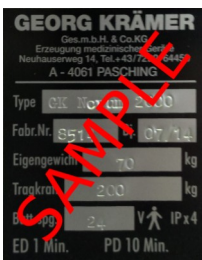
■ Service

At least **once a year** a service or safety inspection in accordance with Medical Device Directive (MDD) is mandatory.

- Remember that GK service is unmatched in quality and also with regards to warranty issues. GK will only consider itself liable for safety-related matters if maintenance, repairs, modifications etc. are exclusively carried out by our service team or by agents authorized by us.

In the event of problems occurring, clear and detailed information about symptoms, type and serial number (see type plate) will help us to respond promptly.

■ Identification plate & CE mark



Identification plate

This plate give you some information about the Product, for instance type, production date, serial number,...



CE mark

The CE mark has been affixed as proof of its compliance with the legal requirements of Appendix I of the Medical Device Directive 93/42/EEC.

■ Transport of the lifter

Following points are important if you transport the lifter:

- To protect from getting damaged, the lifter must be suitable packed.
- The lifter must be fixed, to prevent unintentional movement during transport.
- Temperature range -20 °C to +60 °C.

■ Technical data

For the Patient lifter – stretcher type "GK Novum 100"

- | | |
|-----------------------------|---------------------------|
| - Load capacity | 150 kg |
| - Net weight | 60 kg |
| - Lifting height | 400 mm |
| - Tested in accordance with | Nr. 93/42 EWG |
| - Transport and storage | - 20 °C at + 40 °C |
| - Operating temperature | + 10 °C at + 40 °C |
| - Dimensions (LxWxH) | approx. 194 x 95 x 120 cm |

Disposal of the lifter at the end of its lifetime:

Metals	Iron galvanized coated, aluminium anodized, copper with PVC, high-grade steel
Plastic	Epoxy with glass-fibre, polyurethane

■ Standards & regulations

The lifter complies with the essential requirements pursuant to Appendix I of the Medical Device Directive 93/42/EEC.

In accordance with the classification regulations pursuant to Appendix IX of the Medical Device Directive 93/42/EEC, the lifter is a Class I medical device.

The product was produced in compliance with this standard:

- EN ISO 10535



ISO 9001

Our production is subject to a quality management system according to ISO 9001.



Georg Krämer Ges.m.b.H. & Co. KG

A-4061 Pasching
Neuhauserweg 14

Tel. +43 / (0) 7229 / 64450
Fax +43 / (0) 7229 / 70664
service@gk-medizinmechanik.at
www.gk-medizinmechanik.at