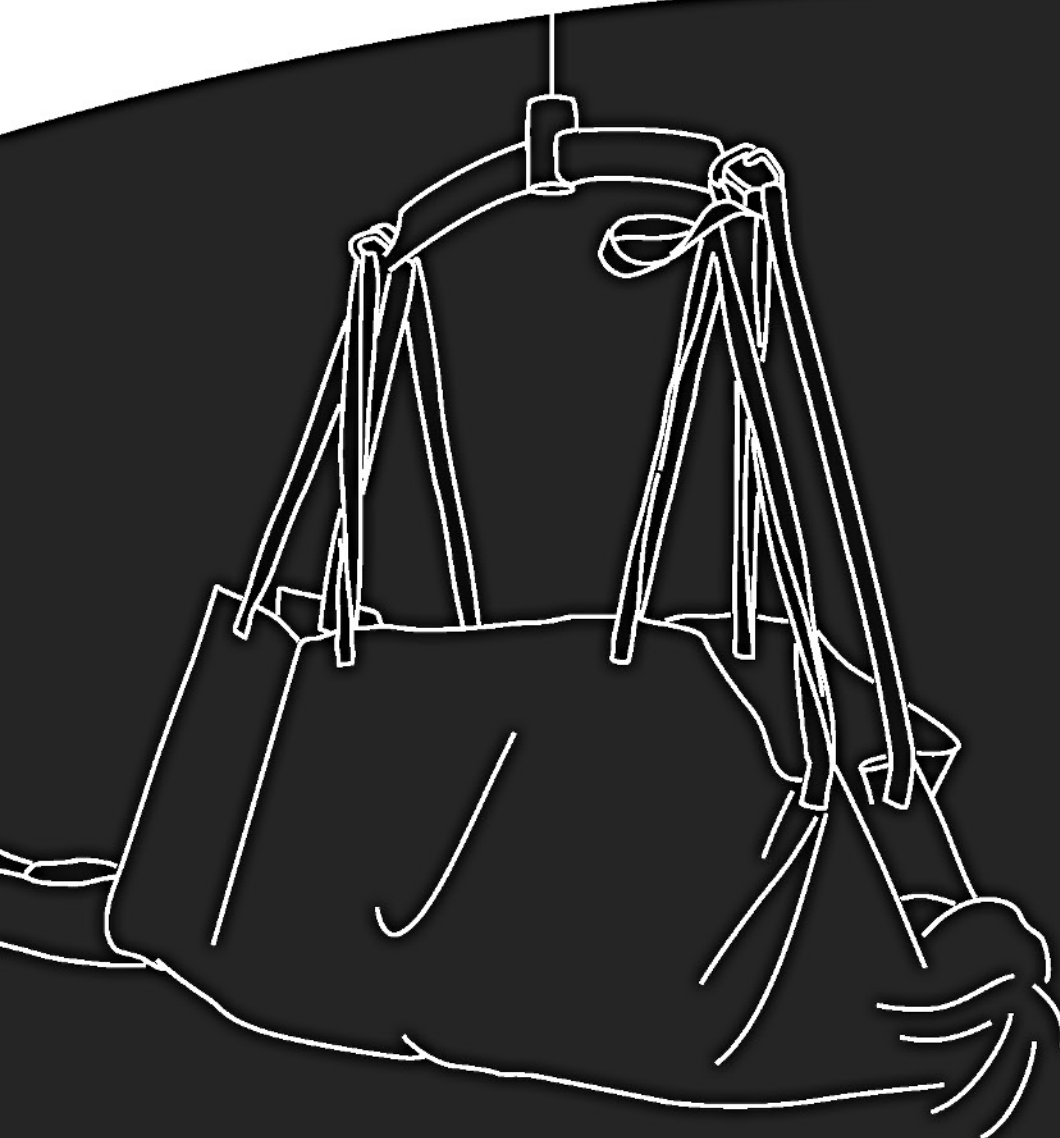




Repositioning sling, 500 kg (1100 lbs). 13

Manual – vers. 4.00



Guldmann™

GB/US . . . Repositioning Sling, 500 kg (1100 lbs)

Vers. 4.00

Item nos:

28465 Repositioning sling, standard
284650 Repositioning sling, black net
284651 Repositioning sling, grey net
284653 Repositioning sling, short
284656 Repositioning sling, Bariatric

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Manufacturer

V. Guldmann A/S
 Graham Bells Vej 21-23A
 DK-8200 Aarhus N
 Tel. +45 8741 3100
 Fax +45 8741 3131
 www.guldmann.com

Purpose

The sling is suited for lifting or transferring a person with disabilities in hospitals, at nursing homes, institutions and in private homes.

The sling is designed for use with ceiling hoist systems and is suitable for placing users in lateral position, repositioning in a bed, lift of head and trunk to half-sitting position, supine lateral transfers to other surfaces such as beds and stretchers, or in connection with change of linen.

Conditions for use

The use of the sling is subject to the following:

- The sling is used by trained staff or persons who have been instructed in the use of the sling in question.
- The maximum nominal load, 500 kg (1100 lbs) must not be exceeded.
- The sling is used for lifting or repositioning a person in a lying position.
- The helper pays attention to the well-being of the user when using the sling.
- The sling is used with the Guldmann lifting hanger.

Important/Precautions

- Read the instructions carefully before using the sling.
- The slings maximum load must never be exceeded.
- The sling may only be used to lift a person.
- Before a sling is used, it must be examined according to point 2.02.
- Possible repairs must only be made by the manufacturer.

Use

If there is any doubt about the selection or use of a lifting sling, please contact your supplier.

Important!

Plan the move. Avoid leaving the user in the lifting sling unattended.

Do not start to lift until it has been checked that the user cannot get trapped and that the sling does not catch on the bed, wheelchair etc. The user's head, arms, hands and feet must not be in danger of becoming trapped. Be careful with any tubes and wires that are attached to the user and/or equipment.

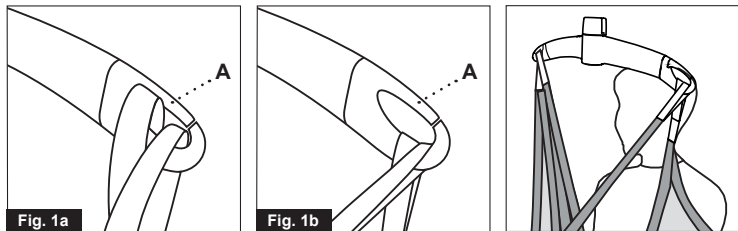
Check that the hand control and hand control cable is free of hanger, patient and other object before the hoist is activated up or down moved.

Guldmann shall not be liable for faults or accidents due to incorrect use of the lifting sling, or for reasons of inadequate attention on the part of the carer or user. If the sling is used in combination with products that are not manufactured by Guldmann, a risk assessment must be made by qualified staff.

GH Lifting hanger

Caution!

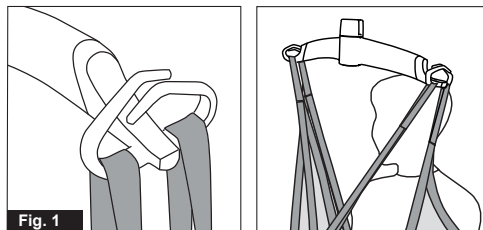
Be careful when attaching the lifting sling on the hooks. Check that the straps have been pulled completely through the rubber safety catch (A) and into place in the lifting hanger's hooks. When pressing the up button to lift the user, check again that all the straps remain correctly placed in the lifting hanger's hooks (fig. 1a and fig. 1b).



GH lifting hanger, 4 attachment points

Caution!

Be careful when attaching the lifting sling's straps on the hooks. Check that the straps have been correctly placed in the lifting hanger's hooks. When pressing the up button on the hand control to lift the user, check again that all straps remain correctly placed in the lifting hanger's hooks (Fig. 1).



Placing the sling, look at section 7

Cleaning

Normal washing at the indicated temperature



Do not use bleaching agent



Tumble-drying at low temperature



Do not iron

The owner's daily maintenance duty

Check the lifting sling for wear and damage before use according to the following checklist which is not intended to represent all potential inspection steps. Potential damage may vary. Judgment of inspector/site prevails.

Sling inspection checklist

Before using a Guldmann sling / accessory check the following:

Is the sling clean?

Follow facility specific infection control procedure.

Is the sling's label present, legible and complete?

Missing, illegible or incomplete sling label(s) could make identification of appropriate size of the sling, function of sling, and or weight limit capacity of the sling impossible.

Are the lifting straps and stitches intact?

- Look for broken or worn stitches
- Look for knots in straps
- Look for tears or fraying of straps
- Look for snags or punctures or holes
- Look for any particles in fabric or straps

Is the fabric intact?

- Look for abnormal wear patterns, excessive wear, abrasive evidence
- Look for cuts or frayed fabric
- Look for unusual or significant discoloration
- Look for snags, punctures, tears, holes
- Look for frayed or insecure seams
- Look for any acid / caustic / thermal burns
- Look for changes in material consistency, e.g. increased stiffness
- Look for any imbedded particles

Are slings the original size and length without the use of knots, pins, tape or other methods to change the shape, shorten or lengthen them?

Conclusion

If the sling suffers from one or more of the above mentioned conditions then it must be taken out of service regardless of the weight of the person to be lifted.

2.03

Disposal of slings

Slings are disposed of by incineration. By proper incineration polyester will be degraded to carbon dioxide and water.

3.00

Service and lifetime

3.01

Safety/service inspections

In accordance with international standard EN/ISO 10535 "Hoist for the transfer of disabled persons – Requirements and test methods" an inspection **must** be performed every 6-month according to the following instructions, which is not intended to represent all potential inspection steps. Potential damage may vary. Judgment of inspector/site prevails.

Safe Operating Practices with Slings

Considerations for damaged or defective slings and taking them out of service:

Withdraw the sling from service if one or more of the following conditions are present:

1. chemical or caustic burns
2. melting or charring of any part of the sling
3. snags, punctures, tears or cuts
4. broken or worn stitches
5. missing, illegible or incomplete sling tag
6. knots in any part of the sling
7. abrasion
8. other visible damage that causes doubt as to the strength of the sling

Sling inspection is done for the protection of the user, the caregiver, and the overall hospital site safety. A sling inspection system has additional benefit. Systematic sling inspection will assist in the identification of damage trends, potentially leading to cost effective suggestions and results. The inspection process can also help to identify inventory duplicity in certain sling types and sizes.

Sling inspection system

Development of a specific procedure and program for the inspection of slings at your facility is your best safeguard. Consider employing a three part system of inspection. Slings that are removed from service and are not capable of repair should be disposed of so they are unfit for any future use and can not find a way back into active inventory.

1) Initial

This level of inspection is done at the time that the sling is received into your facility. The inspector should ensure that no damage has occurred during transit, and also verify that the sling work load limits match those contained in the manufacturer's catalogue. If your facility documents the sling inspection process through written inspection records, the paper trail should begin at this stage

2) Frequent

The frequent level of inspection should be done by the sling user before each use. The sling should be examined and removed from service if damage is detected. The sling user should also determine that the sling is proper for the user conditions, care task required and the required weight capacity.

3) Periodic

Your facility might want to consider implementing a program for a periodic level of inspection at regular intervals. The interval should be based upon the frequency of use, severity of the service cycle and information derived through the inspection process. Recommendations to prevent damage and enhance service life could be made by staff that perform the periodic inspections. If written inspection records are maintained, they should always reference the unique sling identification number, and be updated to record the condition of the sling. Not intended to represent all potential inspection steps or all potential aspects of product management program. Judgment of inspector/site prevails.

Sling inspection technique

The sling inspection procedure should be thorough, systematic and consistent; both visual and "hands on" inspection techniques are recommended. Certain forms of damage are far more discernable through hands-on inspection, than by visual inspection. For example, fabric stiffness, crushed webbing, as well as, thinning fabric can be identified through tactile inspection. Visual inspection alone may not reveal all forms of sling damage. Once signs of damage have been identified, do not downgrade the work load limit of the sling, with the intent of continuing to use it, but at limited capacity or frequency. This is sometimes done to get more service life out of a damaged sling. The operating rule and standard should be: intact = use; damage = do not use.

Consider the practice of documenting sling inspections through written inspection records. The documentation should include information such as: the name of manufacturer, the sling stock number, width and length, the unique sling identification number (important in differentiating similar slings), as well as the condition of the sling. Other important information might also include the date it was received or put into use at your facility and any special features (if applicable). A beneficial outcome of an inspection program would be the realization of repetitive forms of damage and the analysis that would lead to specific recommendations.

Sample visual examples of synthetic sling damage ^{x)}

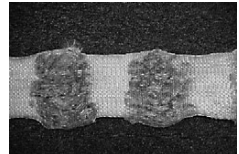
Chemical/caustic burns



Broken stitching



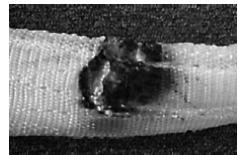
Crushed / Frayed webbing



Knots



Melting / Charring



^{x)} sample visual images not intended to represent all types of potential damage

3.02

Lifetime

The life of the sling is individual and depends on how it is used, washed etc. Before use the sling must be examined according to description in section 2.02 and if it does not meet the inspection requirements, it must be discarded if necessary.

4.00

Technical specifications

Lifting capacity, SWL 500 kg (1100 lbs)
Material Polyester

5.00

EC-Declaration of conformity

The product is manufactured in compliance with the Council Directive 93/42/EEC of June 14th 1993, including amendments, as medical device class 1.

Guldmann is continuously working towards ensuring that the company's impact on the environment, locally and globally, is reduced to a minimum.

It is Guldmann's goal to:

- Comply with the current environmental legislation (e.g. WEEE and REACH directives)
- Ensure that we, at the widest possible range, use RoHS compliant materials and components
- Ensure that our products do not have an unnecessary negative impact on the environment regarding use, recirculation or disposal
- Ensure that our products contribute to a positive working environment in the places they are utilised

Inspections are made annually by the Department for Nature and Environment from the Municipality of Aarhus using the Danish Environmental Protection Act, section 42 as a reference.

WARRANTY – U.S.A. and countries outside the EU

A. **Users guide**

Before using the product, read the entire operation manual including warranty.

B. **WARRANTY**

Guldmann warrants its equipment is free from material defects under normal use, and will perform substantially in accordance with the specifications set forth in documentation provided with the equipment.

This express warranty shall be in effect for one year from the date of original purchase and installation (the "Warranty Period"). If a valid claim is made during the Warranty Period for malfunction or equipment defect, Guldmann will repair or replace the equipment at no additional cost to you. Guldmann retains sole discretion as to whether the equipment will be repaired or replaced.

This warranty shall be null and void if the equipment is operated and maintained in any manner inconsistent with its intended use or the instructions provided with the product. Further, in order for the warranty to remain in effect for the full Warranty Period, all service to the equipment must be provided by a Guldmann designated technician. Any parts or components repaired or replaced by a Guldmann designated technician will be guaranteed for the remainder of the Warranty Period.

The warranty does not cover any part of the equipment which has been subject to damage or abuse by the user or others. The warranty does not cover any part of the equipment which has been altered or changed in any way by the user or others. Guldmann does not warrant that the lifting device functions will meet your requirements, be uninterrupted or error free.

The warranty set forth is in lieu of all other express and implied warranties, whether oral, written or implied, and the remedies set forth above are your sole and exclusive remedies. Only an authorized officer of Guldmann may make modifications to this warranty, or additional warranties binding on Guldmann. Accordingly, additional statements such as advertising or presentations, whether oral or written, do not constitute warranties by Guldmann.

Service or Repair

Contact Guldmann Repair for an authorization to return any defective item during the Warranty Period. You will be provided with a return authorization number and address for returning the item for warranty service or replacement. Do not return items to Guldmann under warranty without receiving a Return Authorization Number.

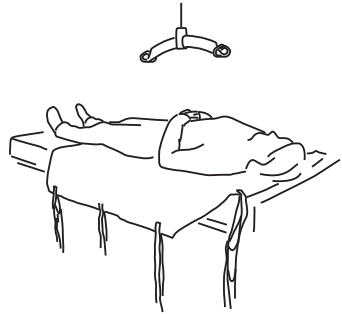
If mailing the item, pack it carefully in a sturdy carton to prevent damage. Include your Return Authorization Number, a brief description of the problem and your return address and phone number. Guldmann does not assume the risk of loss or damage while in transit, so it is recommended you insure the package.

The sling is placed centralized at the mattress and the user is lying centralized on the sling.

Evaluate the condition of the patient before using the sling as well as consider the patient's condition during the lift.

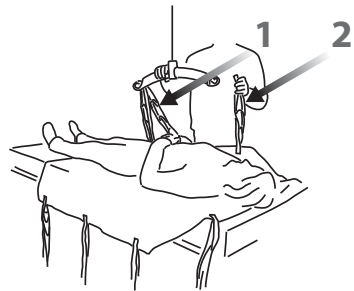
Be aware of the patients centre of gravity when using the sling.

Ensure that the patient doesn't slide out of the sling when lifting with the patient's head and torso elevated.

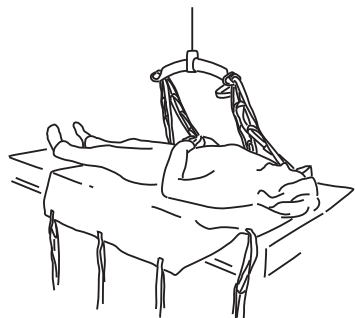


The 2 middle straps 1 and 2 are placed in their own hooks at each end of the lifting hanger.

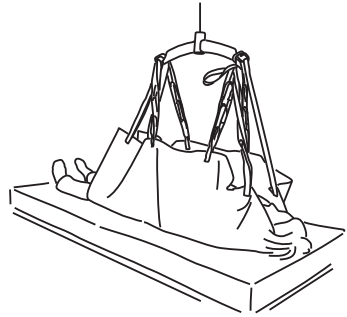
Then place the strap closest to the feet and finally the strap closest to the head in their own hooks at each end of the lifting hanger.



Adjust the loops to obtain correct support of the head.

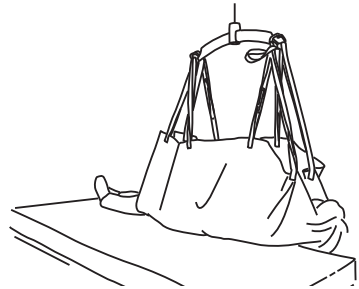


Following the same procedure, place the straps on the other side of the sling.



The user can now be lifted to another bed, while changing linen or to another side-lying position.

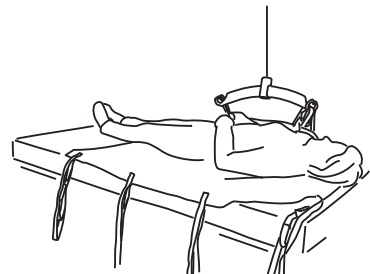
Before turning into a side-lying position the user is lifted to the side of the bed and lowered to the mattress.



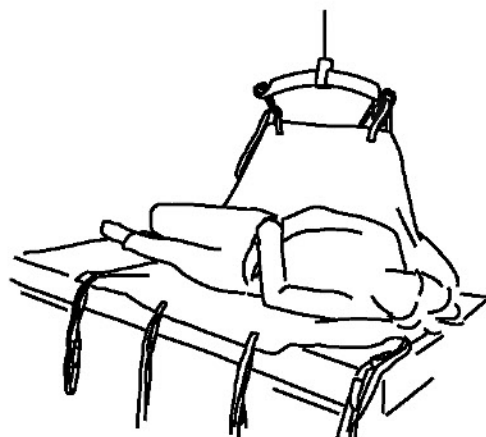
Side-lying position

When the user is placed in the correct position, remove all the lifting straps from the lifting hanger except the 2 middle straps at the side where the user should be lifted.

Now prepare the user for side-lying.



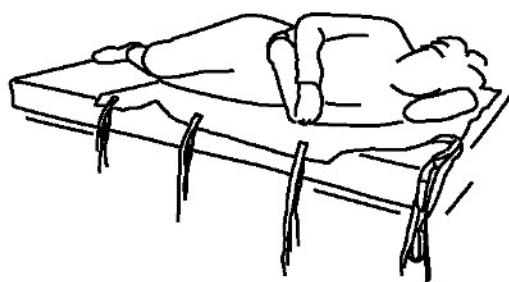
The lift is now activated and the user is turned to a side-lying position.



When the user is in a side-lying position, lower the lifting hanger and remove the straps from the lifting hanger.

Important:

Check that the user is lying correctly.



EVOCARE AUSTRALIA PTY LIMITED

A.B.N. 98 078 566 604

Trading as **EVOCARE** and **L&M EQUIPMENT**

P.O. Box 1144, Stafford Qld. 4053

Ph: 07 3355 8000 Fax: 07 3355 5043

Website: <http://www.evocare.com.au>

Email: sales@evocare.com.au

workshop@evocare.com.au

warehouse@evocare.com.au

accounts@evocare.com.au

