



GB/USGuldmann ABC Slings

Vers. 1.00

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CE

Guldmann™

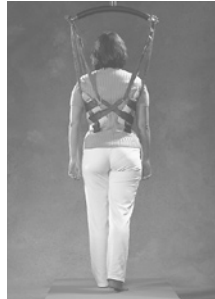
GBGuldmann ABC Slings

Item nos:

XXXXX-XXX



ACTIVE
Micro Plus
Polyester
Size: XS-XXL



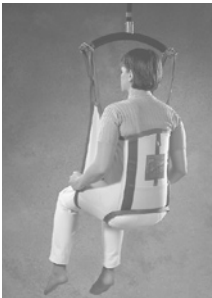
ACTIVE
Trainer
Polyester
Size: Kids – XL



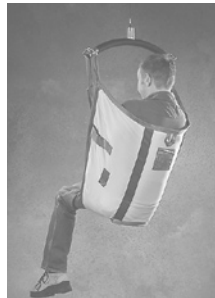
BASIC
Basic
Polyester/Net
Size: Kids-XXL



BASIC
High
Polyester/Net
Size: Kids – XXXL



BASIC
Low
Polyester/Net
Size: XS – XXL



CUSTOM
Amputee
Polyester
Size: S-L



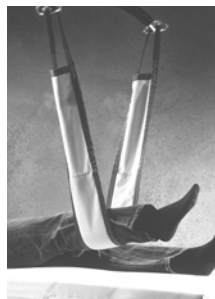
CUSTOM
Sit-On
Net
Size: Standard/Wide



CUSTOM
Sit-On High
Net
Size: Standard/Wide



TURNER
Polyester



LIMB SLING
Polyester



REPOSITIONING SLING
Polyester

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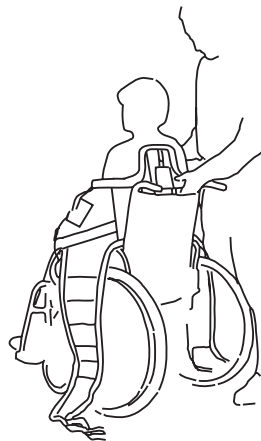
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ACTIVE MICRO PLUS

Place the sling on the user's shoulders and/or the wheelchair's backrest.

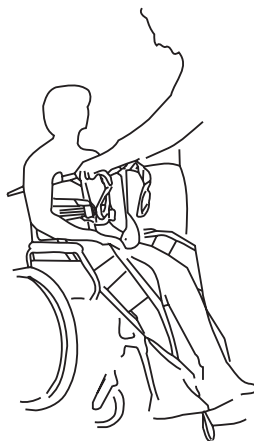
To ensure sling is centered, the center stripe should follow the user's backbone.

Use the correct hanger width.

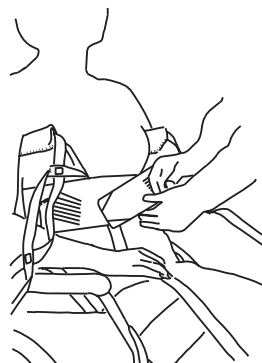


Have the user lean forward.

Position the upper edge of the sling at the lower edge of the shoulder blade.

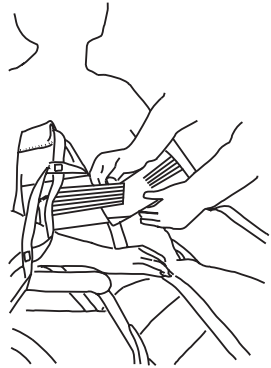


Pass the upper straps under the armpits. However, not higher up than a minimum of two finger widths between sling and armpit.



Tighten the support belt.

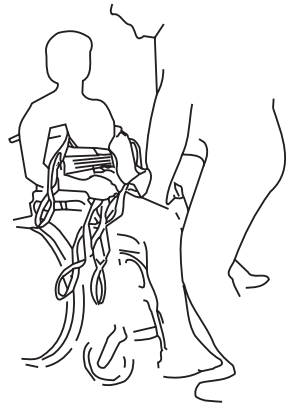
If it is tight it provides support around the upper body to prevent sliding out of the sling.



Place the leg support under the thighs and as far up towards the crotch as possible.

Try to lift using your legs and not your arms and back.

Cross the leg straps before attaching to the hanger.

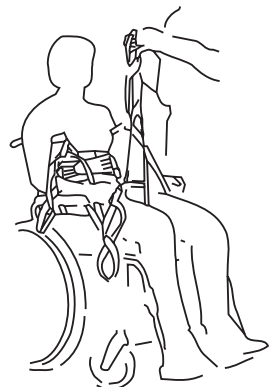


Check that the length of the upper lifting strap fits the length of the leg support.

Lift until all straps are taut, check the straps' mountings.

If you are lifting a user with low muscle tone you should hold his/her legs/knees together.

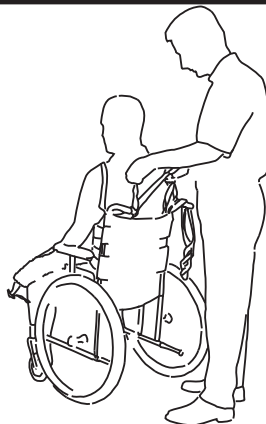
Active Micro Plus can be applied from a sitting position in bed.



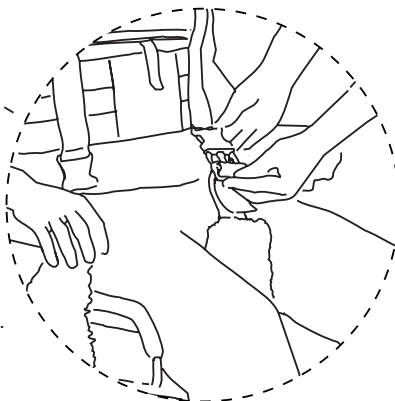
ACTIVE TRAINER

Put the sling on from the front and have the user put his/her arms through the lifting straps.

Then cross the support straps behind the user.

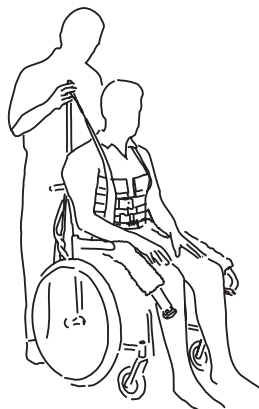


If leg straps are used, pass them under the thigh and attach them to the sling. Be careful that they are not too tight fitting in the crotch. Use the correct hanger width.



As an alternative the sling can be suspended on the lifting hanger.

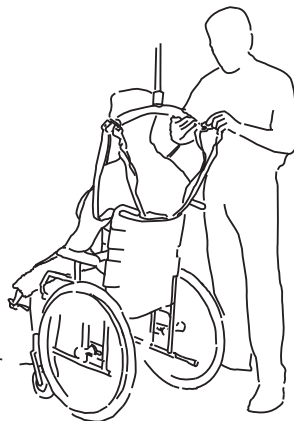
It is then attached from the front.



When using the hanger (bar) with Active Trainer, position the hanger (bar) to the rear of the user's head while attaching the straps and prior to the user coming to standing.

Check that the support straps are correctly tensioned. There should be no more than max 15 cm / 6 inch space at the back where the rear straps cross in between the two halves of the trainer sling.

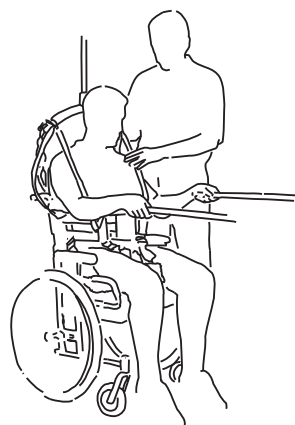
Make sure that the size of the lifting hanger fits the user.



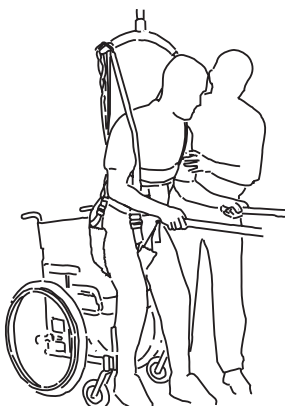
Have the user lean slightly forward and lift a bit until the strap stretches.

Check the tension of the support straps' again.

Then start the actual lift



You must **not** lift to such a height that the user is lifted off the floor.



BASIC BASIC

Place the sling on the user's shoulders and/or the wheelchair's backrest.

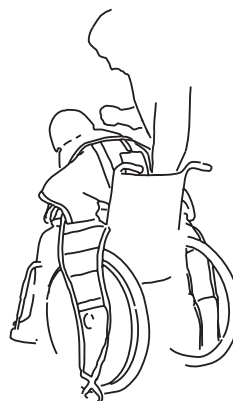
To ensure the sling is centered, the center stripe should follow the user's backbone.

Use the correct hanger width.



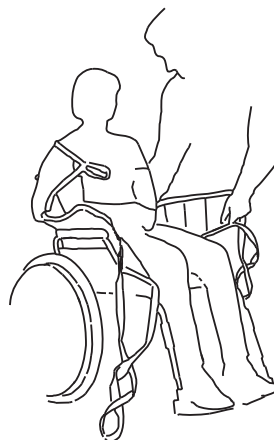
Have the user lean forward.

Put your hand in the sling pocket and allow your hand and the sling to follow the back down to the chair cushion.



Hold your hand between the user's hip and the inside of the sling at the back support and press down the sling.

At the same time pull the leg support forward towards the knees with your other hand.

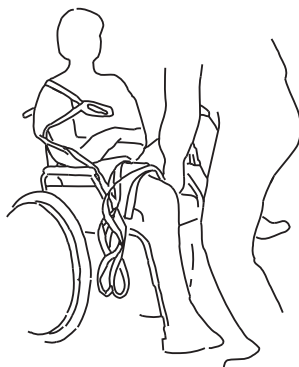


Place the leg support under the thighs.

Try to lift with your legs and not with arms and back.

If the legs are heavy, ask a colleague to help you to lift.

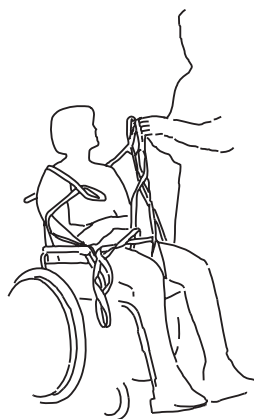
Cross the leg straps before attaching to the hanger.



Check that the length of the upper lifting straps fits the lifting strap of the leg supports.

Lift until all the straps are taut and check all mountings.

To lift user evenly, match colors on the loops of each strap, such as grey to grey or green to green. To modify user's position or comfort, differing loop colors can be used – consult with your Guldmann representative for assistance.

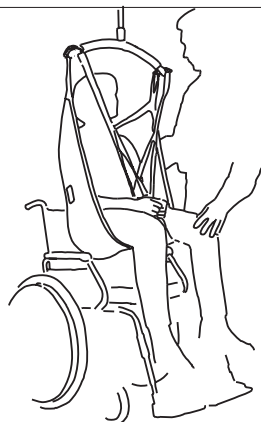


Do not lift higher than necessary.

When putting user into a wheelchair, tip the chair slightly backwards and push against the user's knees to get user as far back in the chair as possible.

Make sure to use the correct lifting hanger.

Basic Basic can be applied from a lying position in bed as well as a sitting position in bed.



BASIC HIGH

Place the sling on the user's shoulders and/or the wheelchair's backrest.

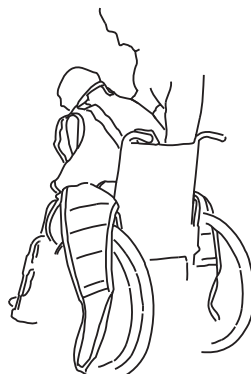
To ensure the sling is centered, the center stripe should follow the user's backbone.

Use the correct hanger width.



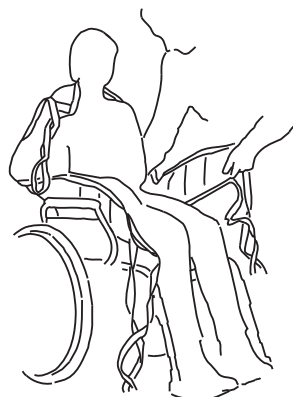
Have the user lean forward.

Put your hand in the sling pocket and allow your hand and the sling to follow the back down to the chair cushion.



Hold your hand between the user's hip and the inside of the sling at the back support and press down the sling.

At the same time pull the leg support forward towards the knees with your other hand.

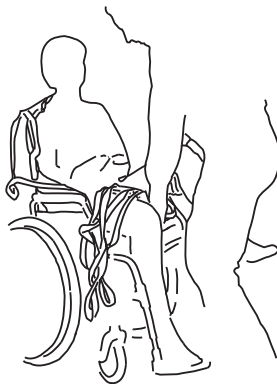


Place the leg support under the thighs.

Try to lift with your legs and not with arms and back.

If the legs are heavy, ask a colleague to help you to lift.

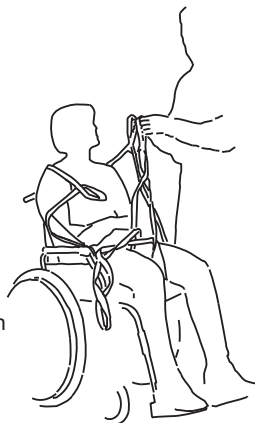
Cross the leg straps before attaching to the hanger.



Check that the length of the upper lifting straps fits the leg support's lifting strap.

Lift until all the straps are taut and check all mountings.

To lift user evenly, match the colors on the loops of each strap, such as grey to grey or green to green. To modify user's position or comfort, differing loop colors can be used – consult with your Guldmann representative for assistance.



Do not lift higher than necessary.

When putting user into a wheelchair, tip the chair slightly backwards and push against the user's knees to get the user as far back in the chair as possible.

Make sure to use the correct lifting hanger.

Basic High can be applied from a lying position in bed as well as a sitting position in bed.

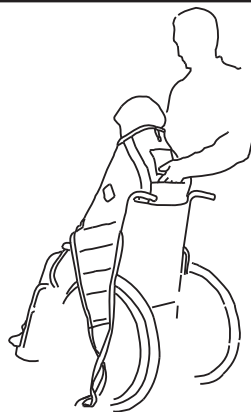


BASIC LOW

Place the sling on the user's shoulders and/or the wheelchair's backrest.

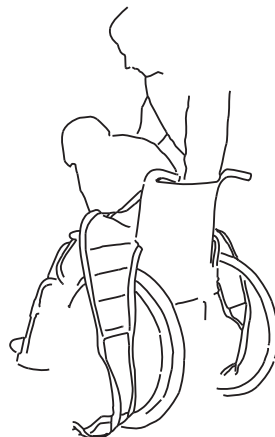
To ensure the sling is centered, the center stripe should follow the user's backbone.

If you have the correct hanger width, put arms, for example, outside.



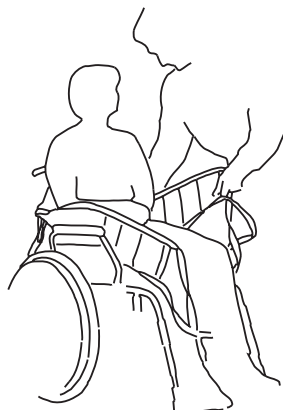
Have the user lean forward.

Put your hand in the sling pocket and allow your hand and the sling to follow the back down to the chair cushion.



Hold your hand between the user's hip and the inside of the sling at the back support and press down the sling.

At the same time pull the leg support forward towards the knees with your other hand.

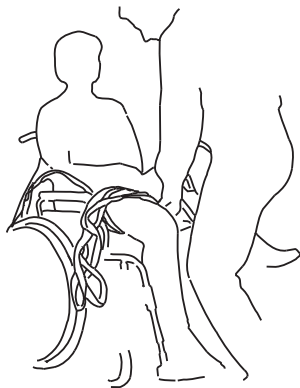


Place the leg support under the thighs.

Cross the leg straps before attaching to the hanger.

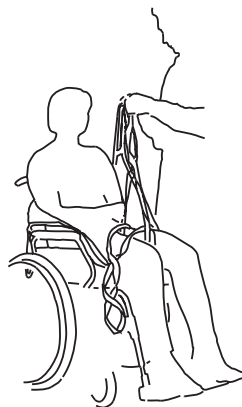
Try to lift with your legs and not with arms and back. If the legs are heavy, ask a colleague to help you to lift.

If support is required for the neck, a neck support cushion is available as an accessory.



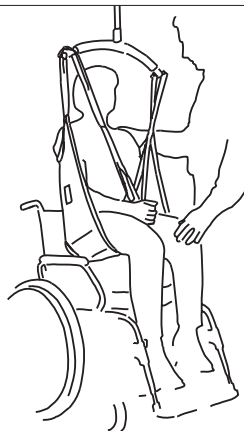
Check that the length of the upper lifting straps fits the lifting strap of the leg supports. Lift until all the straps are taut and check all mountings.

To lift user evenly, match the colors on the loops of each strap, such as grey to grey or green to green. To modify user's position or comfort, differing loop colors can be used – consult with your Guldmann representative for assistance.



Do not lift higher than necessary. It is the functional level that determines whether the arms should be inside or outside the sling. Users with paralysis should have the paralyzed arm on the inside of the sling where it will be supported. When putting user into a wheelchair, tip the chair slightly backwards and push against the user's knees to get the user as far back in the chair as possible. Make sure to use the correct lifting hanger.

Basic Low can be applied from a lying position in bed as well as a sitting position in bed.



CUSTOM AMPUTEE

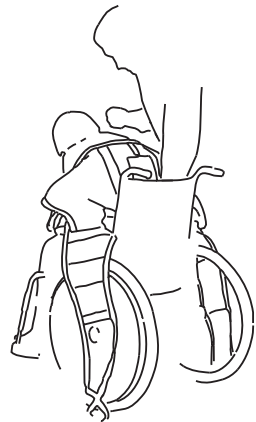
Place the sling on the user's shoulders and/or the wheelchair's backrest.

Do you have the correct hanger width for stability?



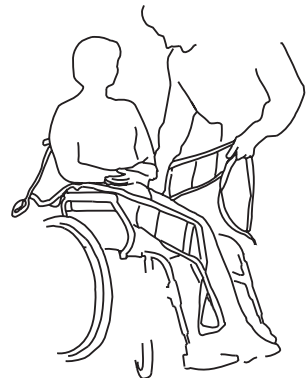
Have the user lean forward.

Put your hand in the sling pocket and allow your hand and the sling to follow the back down to the chair cushion.



Hold your hand between the user's hip and the inside of the sling against the back support and press down the sling.

At the same time pull the leg support forward towards the knees with your other hand.



Always begin by placing the leg support on the side that the stump is shortest.

Have the user lean over towards the opposite side.

Place the leg support underneath with your hand held flat.

Then get the user to lean over to the other side and pull the leg support forward.

Repeat the process with the other leg support, which should be layered underneath the first or upper leg support.



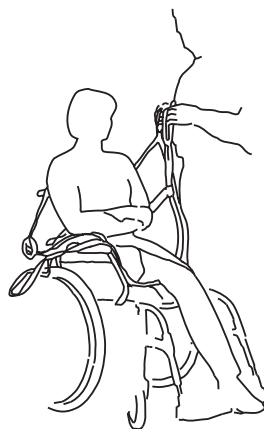
When both the leg supports are in place under the user, put the top one through the inner strap guide and the bottom one through the outer strap guide.

It means that the leg support that you started with will always go through the inner strap guide.

Do not lift higher than necessary.

Lift until all the straps are taut and check all mountings.

When the user is lifted, he/she will be tilted backwards for safety reasons and appropriate weight distribution



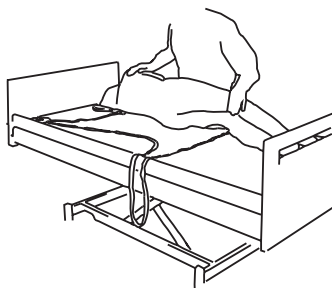
CUSTOM SIT-ON

Sit-On slings must always be put on in a lying position.

Bend or cross one leg (upper) towards the side you wish to roll the user.

Pass the arm on the same side forward over the chest.

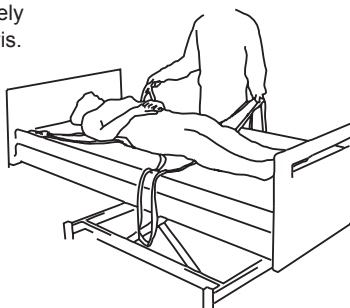
Have the user turn his/her head in the same direction.



The center stripe should end approximately at the end of spine, beginning of the pelvis.

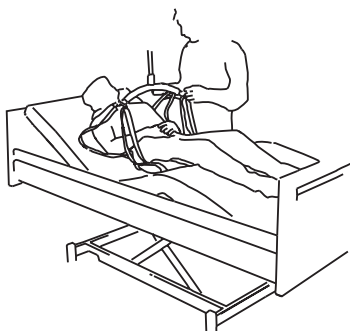
The lower edge of the sling should be positioned two finger-widths from the back of the knee.

Turn the user onto his/her back and pull the sling out on the other side.



Mount the lifting strap on the hanger. Change the bed's position to sitting. Lifting using the Sit-On sling should always take place from a sitting position.

Make sure to use the correct lifting hanger.

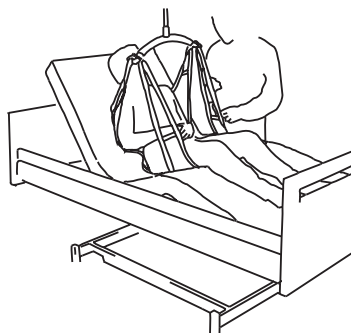


Lift until all straps are taut, but user is still sitting on the bed. Check all mountings.

Attach the Velcro straps that will connect and hold together the upper and lower straps on each side.

Check that the Velcro straps that hold the back and leg parts together have not become caught in the hanger.

Note! You must not lift using these Velcro straps

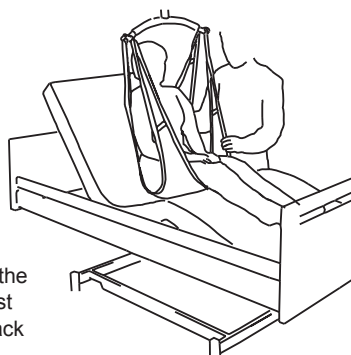


It is a good idea to lower the height of the bed first, whenever possible, before you lift the user.

It feels more secure and you do not need to lift higher than necessary.

Do these stages in reverse when the user is being put back into bed.

When putting user into a wheelchair, tip the chair slightly backwards and push against the users knees to get the user as far back in the chair as possible.



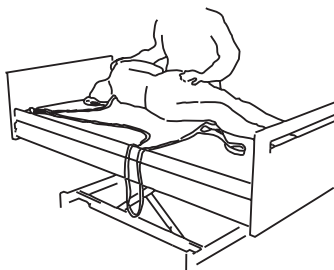
CUSTOM SIT-ON HIGH

Sit-On slings must always be put on in a lying position.

Bend or cross one leg (upper) towards the side you wish to roll the user.

Pass the arm on the same side forward over the chest.

Have the user turn his/her head in the same direction.

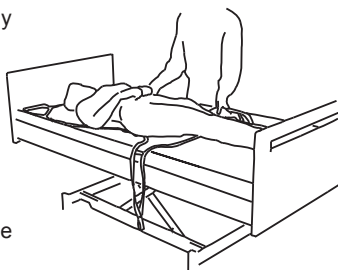


The center stripe should end approximately at the end of the spine, beginning of the pelvis.

The lower edge of the sling should be positioned two finger-widths from the back of the knee.

The upper edge of the sling will support the head.

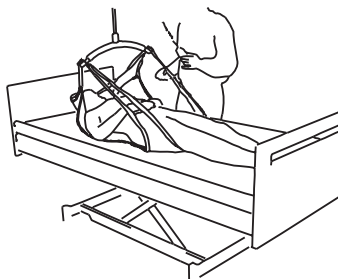
Turn the user onto his/her back and pull the sling out on the other side.



Mount the lifting strap on the hanger.

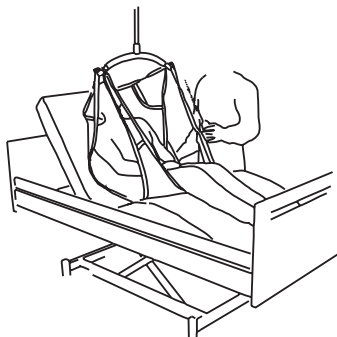
Change the bed's position to sitting. Lifting using the Custom Sit-On High sling should always take place from a sitting position.

Make sure to use the correct lifting hanger.



Attach the Velcro straps that will connect and hold together the upper and lower straps on each side.

Lift until all the straps are taut and check all mountings.

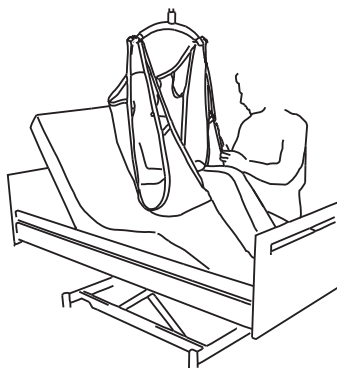


Check that the Velcro straps that hold the back and leg parts together have not become caught in the hanger.

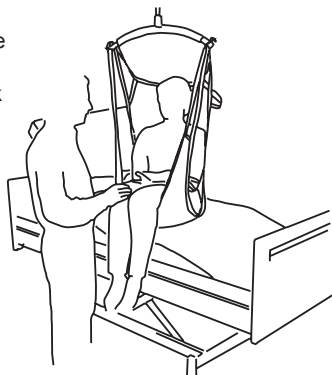
Note! You must not lift using these Velcro straps

It is a good idea to lower the height of the bed first, before you lift the user. It feels more secure and you do not need to lift higher than necessary.

Do these stages in reverse when the user is being put back into bed.

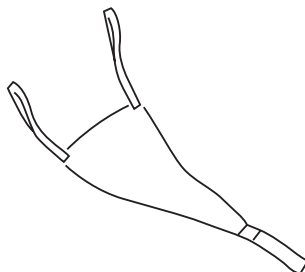


When putting user into a wheelchair, tip the chair slightly backwards and push against the users knees to get the user as far back in the chair as possible.



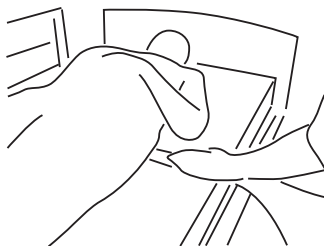
TURNER

Turner is a triangular turning sling with two lifting straps on one side and one fastening strap to attach to the bed on the other side.

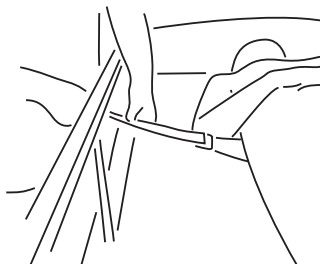


The user lies on his/her back in the middle of the bed.

The carer places his/her hand on the fastening strap for the bed, which is now passed under the user's back, at the same time as using the palm of the hand to press the sling down into the mattress, compressing the mattress to create space, allowing carer's hand and sling to pass beneath the user.



The fastening strap is pulled as far as possible out on the other side to be attached to the frame of the bed.

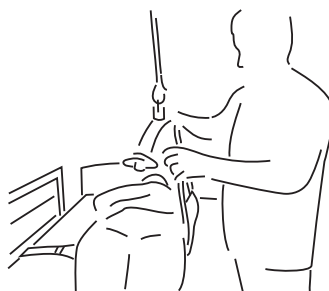


The user is now put in a preparatory position for one sided turning.

The user's arms are put on his/her chest and legs are crossed.



The sling's lifting strap is now mounted onto the hanger in a ceiling or floor lift.

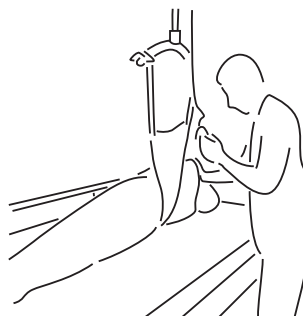


The lift is now activated while the carer supports the user's shoulders and hips. This will improve the user's comfort while turning.

Do not operate the hanger higher up than necessary.

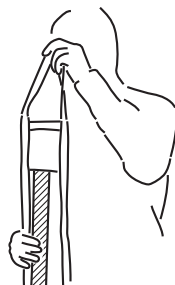
It is a good idea to support the user's head with a pillow.

The user is now turned to the other side.

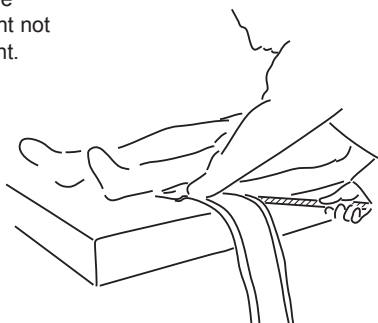


LIMB SLING – AT THE BED

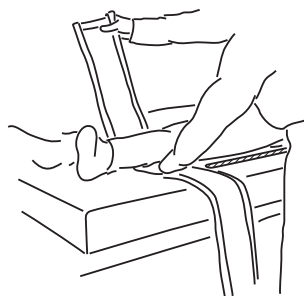
If necessary the stiffener can be placed before use



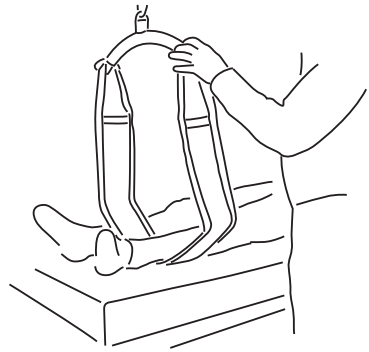
The Limb sling is placed beneath the lower leg, where it is most appropriate for the care task to be done. However, it ought not to be placed too close to the ankle joint.



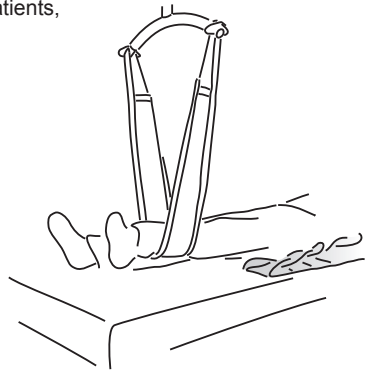
The Limb sling is pulled under the leg, taking care to keep a hand between the sling fabric and user's skin, and is placed centrally beneath the lower leg, so that even amounts of sling are on each side.



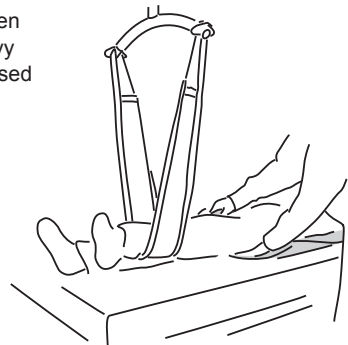
The Limb sling is now mounted to the lifting hanger.



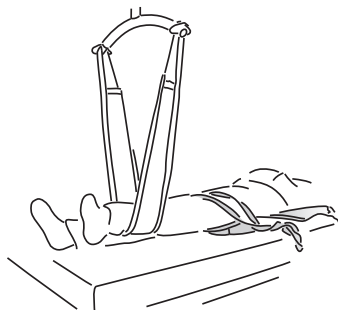
If the Limb sling is used in connection with personal hygiene for bariatric patients, it can also be used as assistance to separate the thighs.



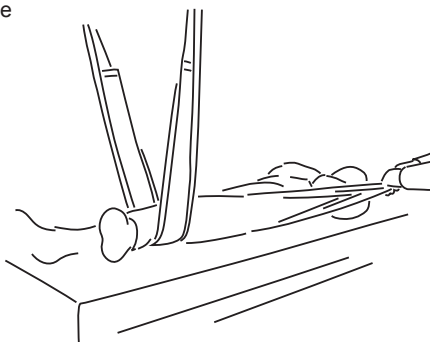
The Limb sling can also be utilized when fitting a lifting sling if the user has heavy or very heavy thighs or very compromised skin integrity.



The lower leg is lifted with the limb sling and the leg strap of the lifting sling is placed beneath the thigh.



The Limb lifter is lowered and removed.
The same process is done for the opposite leg.



LIMB SLING – AT THE WHEEL CHAIR

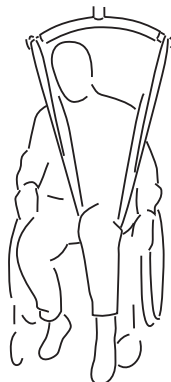
The Limb lifter is lead under the thigh at the back of the knee joint.



The Limb lifter is pulled through, taking care not to shear the user's skin, so that it is centralized in relation to the thigh lengthwise.

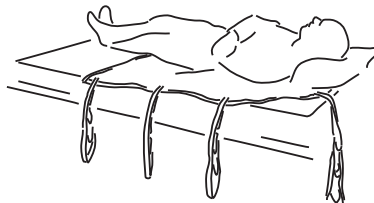


The Limb lifter is mounted to the lifting hanger and the thigh can now be lifted slightly from the seat. The sling's limb strap can now be placed either beneath the user's thigh or be drawn out without putting strain on the skin.

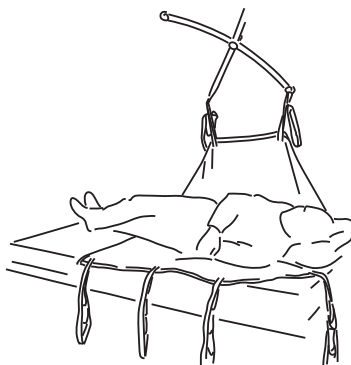


REPOSITIONING SLING

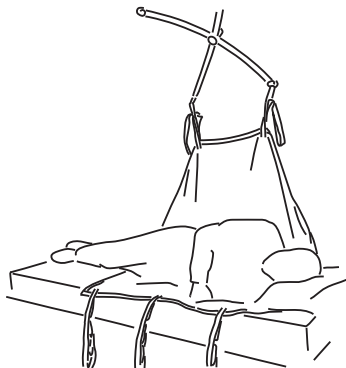
The repo sling is placed under the patient centralized at the mattress and so that the top of the sling is in line with the top of the patient's head. It is fine with exceeding textile higher than the head.



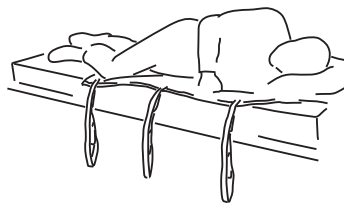
By rolling the patient he is placed in the position prepared for side-lying and as a general rule the strap no 2 and 3 (counted from the patient's head) are used.



When the patient has been "rolled" to side-lying place relevant pillows to support the patient.



Hereafter the straps are removed from the lifting hanger.

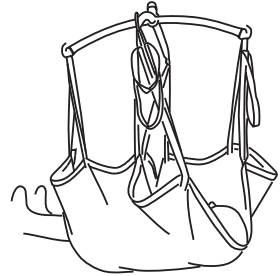


Repositioning sling

– use of different lifting hangers when repositioning patients

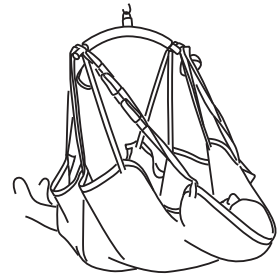
The 2 straps nearest to the head of the patient are mounted in the cross hanger's two lifting hooks closest to the head of the patient.

The 2 straps closest to the feet of the patient are mounted to the cross hanger's two lifting hooks closest to the patient's feet.

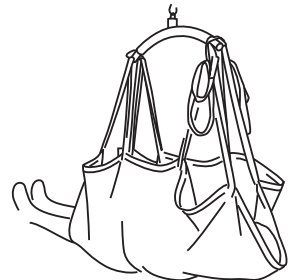


When the standard lifting hanger is placed perpendicular to the patient. The 3 (6) straps closest to the head of the patient are mounted in the hanger's two lifting hooks closest to the head of the patient. Always mount the head straps at last.

The 2 bottom straps are placed at the two hooks furthest from the head of the patient.



When the standard lifting hanger is placed parallel to the patient. The straps are now placed similar to first drawing on this page illustrating use of the cross hanger.



LAUNDERING RECOMMENDATION



SLING INSPECTION CHECKLIST

Before using a Guldmann sling / accessory check the following*:

Is the sling clean?

Follow facility specific infection control and laundering procedures

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

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

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 of 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?

* *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*:

Consider removal of slings from service if any of the following conditions exist:

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 patient, 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 insure 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 patient 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. Guldman™

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.

* *Not intended to represent all potential inspection steps. Potential damage may vary. Judgment of inspector/site prevails.*

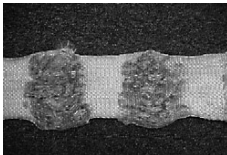
Sample visual examples of synthetic sling damage*



Chemical/caustic burns



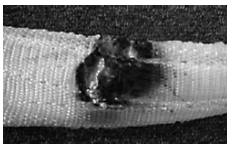
Broken stitching



Crushed / Frayed webbing



Knots



Melting / Charring

* sample visual images not intended to represent all types of potential damage

A. USERS GUIDE

Before using the product, read the entire operation manual including all warranties.

B. WARRANTIES

The Guldmann lifting equipment is designed to be used for the lifting, transferring, and transporting of persons with a physical handicap who are not able to physically self transfer or who are temporarily incapacitated by illness, anesthesia or other causes.

This lifting equipment is designed to relieve the users, their caregivers, and nursing personnel in the task of lifting elderly or handicapped people, thereby minimizing the risk of back injury during such lifting and transfer operations. If the product is used irresponsibly or for any use other than that described above or in the enclosed written instructions, the manufacturer's warranty will be nullified and rendered void.

There are no warranties which extend beyond the description in the enclosed written instructions.

Guldmann warrants that its lifting equipment is free from defects in materials and workmanship under normal use. Guldmann warrants that the lifting equipment itself will perform substantially in accordance with the specifications set forth in the documentation provided with the equipment.

The above express warranties are made for a period of 365 days from the date the lifting equipment is delivered to you as the first user.

Your distributor will replace any lifting equipment which proves defective in materials or workmanship, without additional charge, on an exchange basis.

Your distributor will either replace or repair without additional charge any Guldmann lifting equipment that does not perform in substantial accordance with the specifications of the document.

Guldmann does not warrant that the functions contained in the lifting devices will meet your requirements or that the operation of the services will be uninterrupted or error-free. The warranty does not cover any of the part of the lifting equipment which has been subject to damage or abuse by you. The warranty does not cover any part of the lifting equipment which has been altered or changed in any way by you or others. Guldmann is not responsible for problems caused by changes in the operating characteristics of the operating system which are made after the delivery of the lifting equipment. Any implied warranties including any warranties of merchant ability or fitness for a particular purpose are limited to the term of the express warranties.

Guldmann shall not in any case be liable for special, incidental, consequential, indirect or other similar damages arising from any breach of these warranties even if Guldmann or its agent has been advised of the possibility of such damages.

You must call Guldmann or your distributor for an authorization to return any defective item during the warranty period. If your distributor is unable to correct your problem by telephone, you will be provided with a return authorization number and address for returning the defective item for warranty service or replacement. You must insure any defective item being returned because Guldmann does not assume the risk of loss or damage while in transit. Do not return items or warranty service to Guldmann.

The warranties set forth above are 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 and should not be relied upon as such. The warranty gives you specific legal rights, and you may also have the other rights which vary from state/country to state/country.

| Time to care |

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