



Time to change the handling practices in the OR department

As in other specialized hospital settings there are many challenges associated with providing safe patient handling in operating rooms.

OR rooms are usually crowded with both staff and equipment which is forcing the OR staff to work in awkward positions. This combined with the sometimes fast-paced situations and need to manage physically dependent patients, increase the risk of injury to patients and staff.

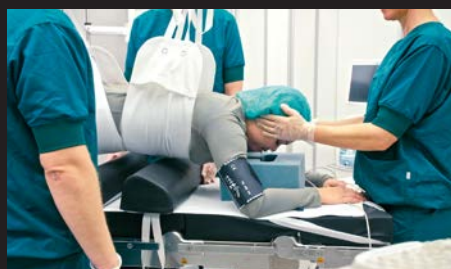
In many OR rooms the doctors and OR staff are still manually lifting, pushing and pulling the patient when he or she has to be moved or lifted from A to B or positioned correctly for the pending operation.

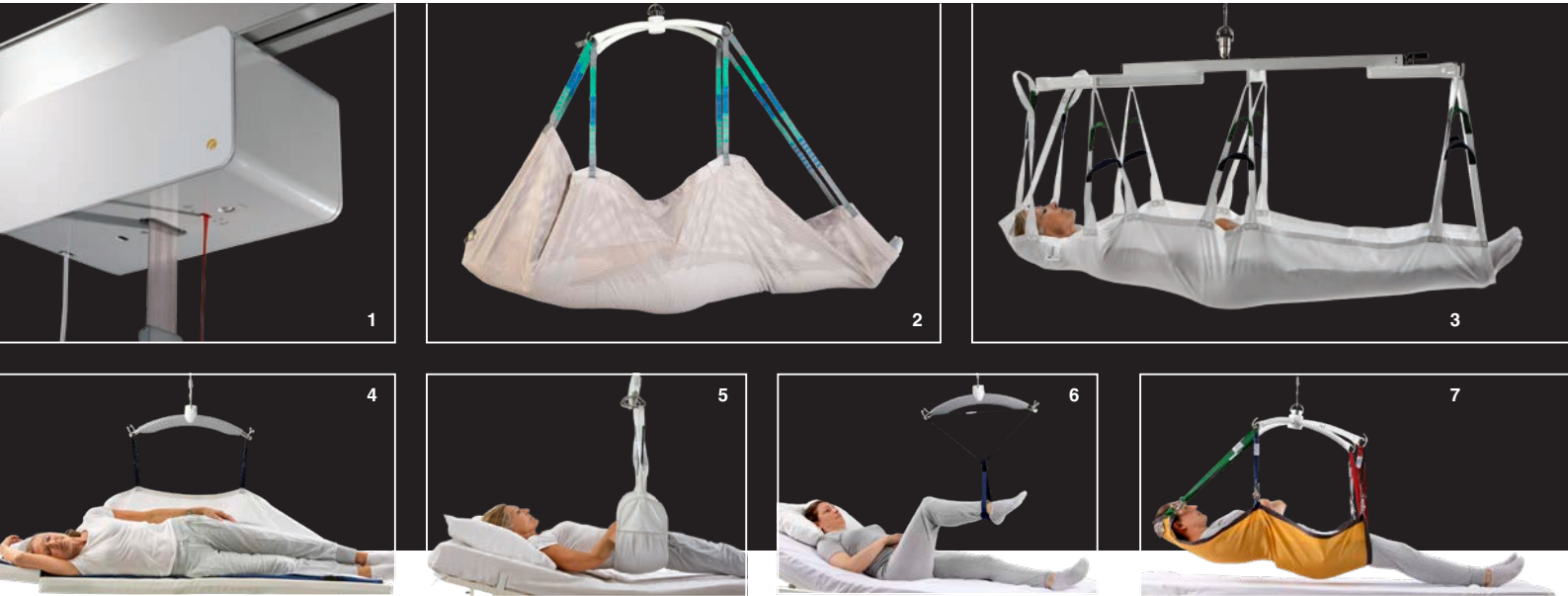
Manually lifting and positioning the anaesthetized patient requires more time and utilises more staff resources. The manual lifting and handling involves a high risk of shear force and friction on the patient's skin, and it also increases the risk of unintended incidents caused by misunderstandings among the staff, unlocked tables and the like.

A wide range of lifting and positioning tasks are frequently carried out in the OR setting including:

- Side positioning
- Prone positioning
- Lifting of torso (e.g. for positioning of bolsters)
- Lifting of extremities
- Lifting the patient from bed to OR table and back again
- Lifting of pelvis
- Lifting up legs after spinal sedation (patient sitting on the edge of the OR table)
- General handling and lifting of bariatric patients

A Guldmann ceiling hoist solution ensures safe patient handling and create more time to care.





1. GH3+ ceiling hoist, 200-400 kg (440-880 lbs)

The GH3+ lifting module is powerful, versatile and has the ability to be installed in any working environment. The ability to choose a variety of functions is second to none, including, integrated scale for weighing, lift statistics, and service information. GH3+ has the most advanced user hand control, featuring an integrated LCD display screen to discreetly show weight and other requested data.

2. Repositioning sling, 500 kg (1100 lbs)

A sling for use as part of the linen make-up of the bed. It can be left in place within the bed make-up, so it is ready for use and accessible to staff for care tasks.

Suitable for:

- transferring patients to and from a range of different surfaces (bed, stretcher, floor, etc)
- turning patients
- repositioning patients
- use when changing bed sheets
- use in conjunction with CT scans / MRIs.

The Repositioning sling is available in a disposable version - polyester, special woven and in a reusable polyester (washable) version for repeat use.

3. Horizontal lifting support, 350 kg (770 lbs)

Horizontal lifting support with infinitely variable weight adjustment. Can be used with GH3 ceiling hoists and with its own full body length sling, in either disposable or washable fabric.

Suitable for:

- horizontal transferring of patients to and from e.g. bed, stretcher, OR table, etc.

4. Positioning sling

The positioning sling system makes it possible to easily turn the patient to one side or to a prone position on e.g. the OR table. Using the sling together with the hoist prevents shear force and friction on the patient's skin and improves the working environment for the care staff.

5. Multi Support sling

A sling for use in many situations lifting up a part of the body. It is possible to use two Multi support slings simultaneously to support a larger body surface area. The Multi support sling can be used in the following situations:

- Lifting up the upper body for positioning of bolsters
- Lifting up the hips placing a sheet under the patient
- Lifting, lowering and positioning legs from sitting at edge of bed/table to supine position
- Lifting of extremities

The Multipurpose sling is available in a disposable version - polyester, special woven and in a reusable polyester (washable) version for repeat use.

6. FH Strap

The FH Strap is used in conjunction with the hoist to lift or support a leg or arm. The lifting strap avoids static muscular effort, which means an improvement of the working environment for carers.

7. OR Sling - Upper body

The OR sling is used in combination with the Guldmann Cross Hanger (400 kg) to move the patient's upper body onto the operating table or to lift it from the operating table in a horizontal position.

Time to care

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