



# Restraint devices in nursing homes

by Manuela Tronchini

Promote **patient comfort** and **safety**  
thanks to the correct use of restraint devices

# Summary

## Restraints in nursing homes

by

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# Introduction

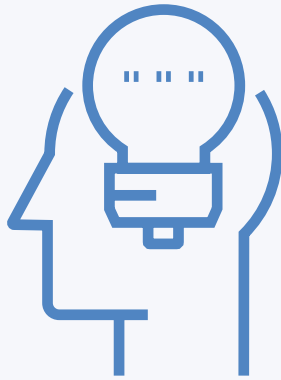
## The relevance of restraints

### 01

The topic of physical restraint of assisted people today opens a wide debate among nursing professionals, especially in the geriatric field, psychiatric and, therefore, within structures such as protected houses, nursing homes, rest homes, psychiatric wards, etc...

The use of restraint means, however, is not limited to these areas only. Often, restraints are also noted in “setting” for acute indeed, i.e.

in Medicine and surgery hospital units, first Aid services, etc. In such sectors may manifest a minor consideration by the nursing staff, clinical sequelae and legal and juridical aspects related to the use (even improper) of the means of physical restraint.



## Protocols and procedures

Suggested devices

**HEAVY DUTY LINE**

**BASIC LINE**

# 02

Thoracic restraint



Abdominal restraint



Tights restraint



Patient comfort and safety are both to be pursued during the period of restraint.

identification of the persons who needs restraint for the treatment attendance:

- » 1. data collection for each assisted person during entrance;
- » 2. evaluation of the state of conscience of the person who must undergo therapy;
- » 3. evaluation of the cooperation level of the patient through interview;
- » 4. team evaluation on the real need of use the means of restraint

## Target audience



# 03

### Resources

- » Nurse;
- » Nursing Evaluation Form;
- » Nursing Log.

### Addressee

Patients suffering from:

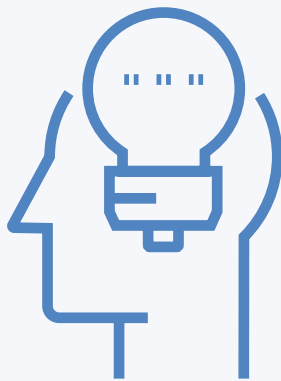
- » Diseases borne by the S.N.C. (Alzheimer disease, dementia, Parkinson's disease, etc.);
- » Liver cirrhosis;
- » Confusional state (in the elderly patient)
- » Toxic-deficiency syndromes (alcohol or narcotics);
- » Psychiatric diseases.

### Information to the patient and his family:

- » Explain the importance and necessity of the therapy;
- » Encourage the patient (make him feel you close), informing him that the restraint will be removed at the end of the therapy.

### Validation of the use of the means of restraint in clinical documentation of the assisted person:

- » Medical prescription in the clinical log;
- » Annotation in the nursing log;
- » Filling in the nursing form.



## Choice and use of the appropriate means of restraint

### Recommended devices

**HEAVY DUTY LINE**

**BASIC LINE**

# 04.0

#### Wrist restraint



Padded limb support with nylon or metal ring



Padded limb support with metal ring



#### Positioning of the restraint device (e.g. bracelet):

- » Wrap the cuff around the patient's wrist so that it is not too tight, securing it to the bed so that the patient has a limited range of movement.

#### Control

- » Every thirty minutes the correct positioning of the restraint device.

#### At the end of the treatment

- » Removal of the means of restraint.

Same procedure for all other means of restraint.

In hospitalized people, with health problems attributable to alteration of the state of consciousness and / or alterations in motor function, there is an high risk of accidental falls during hospitalization. This protocol is intended to prevent this occurrence.

## People with behavioral disorders (psychomotor agitation, confusional state, etc.) and exuberant motor activity



### 04.1

1. evaluate motor capacity;
2. prepare a comfortable environment with soft lighting, eliminating any background noises or potentially dangerous objects;
3. detection and prevention of risky situations, due to disturbance such as environmental or interpersonal intolerance;
4. keep the person away from the triggering event;
5. implement relational strategies with the patient;
6. equip the patient with padded clothing;
7. propose walks or activities to distract the patient from aggressive outburst;
8. request the cooperation of relevant, familiar people (family members or known people).

Should the aforementioned strategies have not had any effect:

1. evaluate the need of using means of restraint;
2. choose the most appropriate means of restraint considering the situation and the patient;
3. apply the means of restraint;
4. the prescription must indicate: motivation, type of restraint, duration;
5. inform the patient and his family about the need of restraint;
6. validate the use of the means of containment in the patient clinic documentation (medical prescription);
7. monitor and record any remark on the given form every 30 minutes.



## Choice and use of the appropriate means of restraint

People with behavioral disorders (psychomotor agitation, confusion, etc.) and limited motor activity

### Recommended devices

#### HEAVY DUTY LINE

## 04.2

### Thoracic restraint



### Abdominal restraint



### Limbs restraints



1. evaluate motor capacity;
2. prepare a comfortable environment with soft lighting, elimination of background noises and potentially dangerous objects;
3. detection and prevention of risky situations, due to disturbance such as environmental or interpersonal intolerance;
4. keep the person away from the triggering event;
5. implement relational strategies with the patient;
6. equip the patient with padded clothing;
7. use orthotic supports to maintain correct posture (wheelchair belt);
8. request the cooperation of relevant, familiar people (family members or known people).



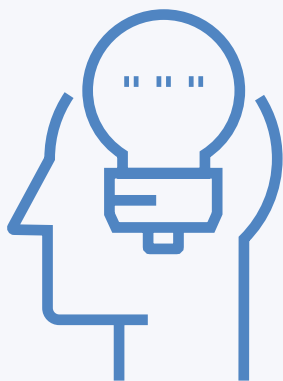
## Choice and use of the appropriate means of restraint



### 04.2

Should the aforementioned strategies have not had any effect:

1. evaluate the need of using means of restraint;
2. choose the most appropriate means of restraint considering the situation and the patient;
3. apply the means of restraint;
4. validate the use of the means of containment in the patient clinic documentation (medical prescription) indicating: reasons, type of restraint, duration of treatment;
5. inform the patient and his family about the need of restraint;
6. monitor and record any remark on the given form every 30 minutes.



## Choice and use of the appropriate means of restraint

People with motor impairments: walking disorders, asthenia, etc.

Recommended devices

**HEAVY DUTY LINE**

**BASIC LINE**

# 04.3

Thoracic restraint



Abdominal restraint



Limbs restraints



1. Propose walking aids
2. Apply orthotic supports for the correct maintenance of posture;
3. Monitor the person and record remarks in the nursing log.



# Use of restraint systems



## 05

### Advice - Recommendations

- » Restraint cannot be imposed for more than 12 consecutive hours unless extremely required due to the subject conditions
- » During the period of restraint guarantee to the patient the possibility to move and exercise for no less than 10 minutes every 2 hours (night not included).
- » Evaluate every 3-4 hours the occurrence of any damaging effects directly caused by restraint, such as abrasions, bedsores, edema of the lower limbs, hematomas, etc.

### Complications related to the use of restraint means

Potential damage related to incorrect use and / or prolonged means of restraint are divided into three categories:

- » Mechanical trauma: strangulation, asphyxiation by compression of the rib cage, superficial soft tissue injury
- » Functional and organic diseases: psychophysical deconditioning, incontinence, pressure ulcers, infections, decrease in mass, tone and muscle strength, increased osteoporosis
- » Psychosocial syndromes: stress, humiliation, depression, fear, and despair.

# Restraints products

## List of aids used in the ward for restraint purpose

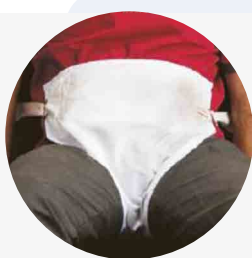
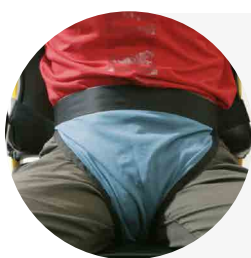


### Wheelchair band

It commonly consists of a padded band, soft, coated with breathable material; it is equipped with some straps that allow it to be fixed to the armchair or to the wheelchair. For safety reasons, its use on normal chairs is not recommended due to the light weight of the chair, which does not impede the patient to stand up and drag it, with the risk of falling. The alternative can be: chest belt, with or without braces.

...Many other models available

[Find out more online](#) ►



### Pelvic support for wheelchair

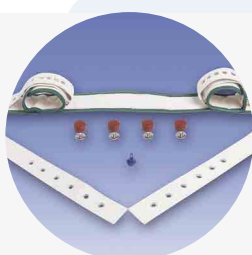
It consists of a synthetic material panty with anchor straps and buckles closure for chairs or wheelchairs. The band also prevents incorrect posture, avoiding the sliding forward of the pelvis. Variants to the pelvic band can be: groin dilator, anti-slip bands, corset with braces, corset with pelvic girdle.



...Many other models available

[Find out more online](#) ►

# Restraints products



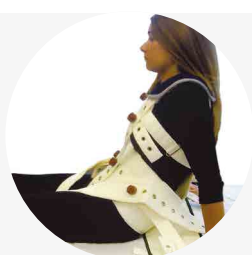
Ankle or wrist restraint

They can be with nylon or metal ring, or with fixing velcro for light restraint. Or with padded pads with magnetic closures, these can also be used in emergency situations in the case of self-harm.



...Many other models available

[Find out more online](#) ▶



Safety bands for the bed

They usually consist of a padded band applied to the waist of the patient, with or without pelvic support, and fixed to the bed by lashing straps equipped with magnetic closures. They allow freedom of movement allowing lateral and sitting posture, depending the desired setting.



...Many other models available

[Find out more online](#) ▶

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