

SECTION P: RESTRAINTS AND ALARMS

Intent: The intent of this section is to record the frequency that the resident was restrained by any of the listed devices or an alarm was used, at any time during the day or night, during the 7-day look-back period. Assessors will evaluate whether or not a device meets the definition of a physical restraint or an alarm and code only the devices that meet the definitions in the appropriate categories.

Are Restraints Prohibited by CMS?

CMS is committed to reducing unnecessary physical restraints in nursing homes and ensuring that residents are free of physical restraints unless deemed necessary and appropriate as permitted by regulation. Proper interpretation of the physical restraint definition is necessary to understand if nursing homes are accurately assessing manual methods or physical or mechanical devices, materials or equipment as physical restraints and meeting the federal requirement for restraint use (see Centers for Medicare & Medicaid Services. [2007, June 22]. Memorandum to State Survey Agency Directors from CMS Director, Survey and Certification Group: Clarification of Terms Used in the Definition of Physical Restraints as Applied to the Requirements for Long Term Care Facilities. Retrieved December 18, 2012, from <http://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/SurveyCertificationGenInfo/downloads/SCLetter07-22.pdf>).

Federal regulations and CMS guidelines do not prohibit use of physical restraints in nursing homes, except when they are imposed for discipline or convenience and are not required to treat the resident's medical symptoms. The regulation specifically states, "The resident has the right to be free from any physical or chemical restraints imposed for the purposes of discipline or convenience and not required to treat the resident's medical symptoms" (42 CFR 483.10(e)(1) and 483.12). Research and standards of practice show that physical restraints have many negative side effects and risks that far outweigh any benefit from their use.

Prior to using any physical restraint, the nursing home must assess the resident to properly identify the resident's needs and the medical symptom(s) that the restraint is being employed to address. If a physical restraint is needed to treat the resident's medical symptom, the nursing home is responsible for assessing the appropriateness of that restraint. When the decision is made to use a physical restraint, CMS encourages, to the extent possible, gradual restraint reduction because there are many negative outcomes associated with restraint use.

While a restraint-free environment is not a federal requirement, the use of physical restraints should be the exception, not the rule.

DEFINITION

PHYSICAL RESTRAINTS

Any manual method or physical or mechanical device, material or equipment attached or adjacent to the resident's body that the individual cannot remove easily, which restricts freedom of movement or normal access to one's body (State Operations Manual, Appendix PP).

P0100: Physical Restraints

P0100. Physical Restraints																					
Physical restraints are any manual method or physical or mechanical device, material or equipment attached or adjacent to the resident's body that the individual cannot remove easily which restricts freedom of movement or normal access to one's body																					
Coding: 0. Not used 1. Used less than daily 2. Used daily	<div style="text-align: center;">↓ Enter Codes in Boxes</div> <table border="1"> <thead> <tr> <th colspan="2">Used in Bed</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td>A. Bed rail</td> </tr> <tr> <td><input type="checkbox"/></td> <td>B. Trunk restraint</td> </tr> <tr> <td><input type="checkbox"/></td> <td>C. Limb restraint</td> </tr> <tr> <td><input type="checkbox"/></td> <td>D. Other</td> </tr> <tr> <th colspan="2">Used in Chair or Out of Bed</th> </tr> <tr> <td><input type="checkbox"/></td> <td>E. Trunk restraint</td> </tr> <tr> <td><input type="checkbox"/></td> <td>F. Limb restraint</td> </tr> <tr> <td><input type="checkbox"/></td> <td>G. Chair prevents rising</td> </tr> <tr> <td><input type="checkbox"/></td> <td>H. Other</td> </tr> </tbody> </table>	Used in Bed		<input type="checkbox"/>	A. Bed rail	<input type="checkbox"/>	B. Trunk restraint	<input type="checkbox"/>	C. Limb restraint	<input type="checkbox"/>	D. Other	Used in Chair or Out of Bed		<input type="checkbox"/>	E. Trunk restraint	<input type="checkbox"/>	F. Limb restraint	<input type="checkbox"/>	G. Chair prevents rising	<input type="checkbox"/>	H. Other
	Used in Bed																				
	<input type="checkbox"/>	A. Bed rail																			
	<input type="checkbox"/>	B. Trunk restraint																			
	<input type="checkbox"/>	C. Limb restraint																			
	<input type="checkbox"/>	D. Other																			
	Used in Chair or Out of Bed																				
	<input type="checkbox"/>	E. Trunk restraint																			
	<input type="checkbox"/>	F. Limb restraint																			
	<input type="checkbox"/>	G. Chair prevents rising																			
<input type="checkbox"/>	H. Other																				

Item Rationale

Health-related Quality of Life

- Although the requirements describe the narrow instances when physical restraints may be used, growing evidence supports that physical restraints have a limited role in medical care. Physical restraints limit mobility and increase the risk for a number of adverse outcomes, such as functional decline, agitation, diminished sense of dignity, depression, and pressure ulcers.
- Residents who are cognitively impaired are at a higher risk of entrapment and injury or death caused by physical restraints. It is vital that physical restraints used on this population be carefully considered and monitored. In many cases, the risk of using the physical restraint may be greater than the risk of it not being used.
- The risk of restraint-related injury and death is significant when physical restraints are used.

Planning for Care

- When the use of physical restraints is considered, thorough assessment of problems to be addressed by restraint use is necessary to determine reversible causes and contributing factors and to identify alternative methods of treating non-reversible issues.
- When the interdisciplinary team determines that the use of physical restraints is the appropriate course of action, and there is a signed physician order that gives the medical symptom supporting the use of the restraint, the least restrictive manual method or physical or mechanical device, material or equipment that will meet the resident's needs must be selected.
- Care planning must focus on preventing the adverse effects of physical restraint use.

P0100: Physical Restraints (cont.)

Steps for Assessment

1. Review the resident's medical record (e.g., physician orders, nurses' notes, nursing assistant documentation) to determine if physical restraints were used during the 7-day look-back period.
2. Consult the nursing staff to determine the resident's cognitive and physical status/limitations.
3. Considering the physical restraint definition as well as the clarifications listed below, observe the resident to determine the effect the restraint has on the resident's normal function. Do not focus on the type, intent, or reason behind its use.
4. Evaluate whether the resident can easily and voluntarily remove any manual method or physical or mechanical device, material, or equipment attached or adjacent to his or her body. If the resident cannot easily and voluntarily do this, continue with the assessment to determine whether or not the manual method or physical or mechanical device, material or equipment restrict freedom of movement or restrict the resident's access to his or her own body.
5. Any manual method or physical or mechanical device, material or equipment should be classified as a restraint only when it meets the criteria of the physical restraint definition. This can only be determined on a case-by-case basis by individually assessing each and every manual method or physical or mechanical device, material or equipment (whether or not it is listed specifically on the MDS) attached or adjacent to the resident's body, and the effect it has on the resident.
6. Determine if the manual method or physical or mechanical device, material, or equipment meets the definition of a physical restraint as clarified below. Remember, the decision about coding any manual method or physical or mechanical device, material, equipment as a restraint depends on the effect it has on the resident.
7. Any manual method or physical or mechanical device, material, or equipment that meets the definition of a physical restraint must have:
 - physician documentation of a medical symptom that supports the use of the restraint,
 - a physician's order for the type of restraint and parameters of use, and
 - a care plan and a process in place for systematic and gradual restraint reduction (and/or elimination, if possible), as appropriate.

Clarifications

- **“Remove easily”** means that the manual method or physical or mechanical device, material, or equipment can be removed intentionally by the resident in the same manner as it was applied by the staff (e.g., side rails are put down or not climbed over, buckles are intentionally unbuckled, ties or knots are intentionally untied), considering the resident's physical condition and ability to accomplish his or her objective (e.g., transfer to a chair, get to the bathroom in time).
- **“Freedom of movement”** means any change in place or position for the body or any part of the body that the person is physically able to control or access.

P0100: Physical Restraints (cont.)

- **“Medical symptoms/diagnoses”** are defined as an indication or characteristic of a physical or psychological condition. Objective findings derived from clinical evaluation of the resident’s subjective symptoms and medical diagnoses should be considered when determining the presence of medical symptom(s) that might support restraint use. **The resident’s subjective symptoms may not be used as the sole basis for using a restraint. In addition, the resident’s medical symptoms/diagnoses should not be viewed in isolation; rather, the medical symptoms identified should become the context in which to determine the most appropriate method of treatment related to the resident’s condition, circumstances, and environment, and not a way to justify restraint use.**
- The identification of medical symptoms should assist the nursing home in determining if the specific medical symptom can be improved or addressed by using other, less restrictive interventions. The nursing home should perform all due diligence and document this process to ensure that they have exhausted alternative treatments and less restrictive measures before a physical restraint is employed to treat the medical symptom, protect the resident’s safety, help the resident attain or maintain his or her highest level of physical or psychological well-being and support the resident’s goals, wishes, independence, and self-direction.
- **Physical restraints as an intervention do not treat the underlying causes of medical symptoms. Therefore, as with other interventions, physical restraints should not be used without also seeking to identify and address the physical or psychological condition causing the medical symptom.**
- Physical restraints may be used, if warranted, as a temporary symptomatic intervention while the actual cause of the medical symptom is being evaluated and managed. Additionally, physical restraints may be used as a symptomatic intervention when they are immediately necessary to prevent a resident from injuring himself/herself or others and/or to prevent the resident from interfering with life-sustaining treatment when no other less restrictive or less risky interventions exist.
- Therefore, a clear link must exist between physical restraint use and how it benefits the resident by addressing the specific medical symptom. If it is determined, after thorough evaluation and attempts at using alternative treatments and less restrictive methods, that a physical restraint must still be employed, the medical symptoms that support the use of the restraint must be documented in the resident’s medical record, ongoing assessments, and care plans. There also must be a physician’s order reflecting the use of the physical restraint and the specific medical symptom being treated by its use. The physician’s order alone is not sufficient to employ the use of a physical restraint. CMS will hold the nursing home ultimately accountable for the appropriateness of that determination.

P0100: Physical Restraints (cont.)

Coding Instructions

Identify all physical restraints that were used at any time (day or night) during the 7-day look-back period.

After determining whether or not an item listed in (P0100) is a physical restraint and was used during the 7-day look-back period, code the frequency of use:

- Code 0, not used: if the item was not used during the 7-day look-back **or** it was used but did not meet the definition.
- Code 1, used less than daily: if the item met the definition and was used less than daily.
- Code 2, used daily: if the item met the definition and was used on a daily basis during the look-back period.

Coding Tips and Special Populations

- Any manual method or physical or mechanical device, material or equipment, that does not fit into the listed categories but that meets the definition of a physical restraint, and has not been excluded from this section, should be coded in items P0100D or P0100H, Other. These devices, although not coded on the MDS, must be assessed, care-planned, monitored, and evaluated.
- In classifying any manual method or physical or mechanical device, material or equipment as a physical restraint, the assessor must consider the effect it has on the resident, not the purpose or intent of its use. It is possible that a manual method or physical or mechanical device, material or equipment may improve a resident's mobility but also have the effect of physically restraining him or her.
- Exclude from this section items that are typically used in the provision of medical care, such as catheters, drainage tubes, casts, traction, leg, arm, neck, or back braces, abdominal binders, and bandages that are serving in their usual capacity to meet medical need(s).
- When coding this section, do not consider as a restraint a locked/secured unit or building in which the resident has the freedom to move about the locked/secured unit or building. Additional guidance regarding locked/secured units is provided in the section "Considerations Involving Secured/Locked Areas" of F603 in Appendix PP of the State Operations Manual.
- **Bed rails** include any combination of partial or full rails (e.g., one-side half-rail, one-side full rail, two-sided half-rails or quarter-rails, rails along the side of the bed that block three-quarters to the whole length of the mattress from top to bottom, etc.). Include in this category enclosed bed systems.
 - *Bed rails used as positioning devices.* If the use of bed rails (quarter-, half- or three-quarter, one or both, etc.) meet the definition of a physical restraint even though they may improve the resident's mobility in bed, the nursing home must code their use as a restraint at P0100A.

P0100: Physical Restraints (cont.)

- *Bed rails used with residents who are immobile.* If the resident is immobile and cannot voluntarily get out of bed because of a physical limitation or because proper assistive devices were not present, the bed rails do not meet the definition of a physical restraint.

For residents who have no voluntary movement, the staff need to determine if there is an appropriate use of bed rails. Bed rails may create a visual barrier and deter physical contact from others. Some residents have no ability to carry out voluntary movements, yet they exhibit involuntary movements. Involuntary movements, resident weight, and gravity's effects may lead to the resident's body shifting toward the edge of the bed. When bed rails are used in these cases, the resident could be at risk for entrapment. For this type of resident, clinical evaluation of alternatives (e.g., a concave mattress to keep the resident from going over the edge of the bed), coupled with frequent monitoring of the resident's position, should be considered. While the bed rails may not constitute a physical restraint, they may affect the resident's quality of life and create an accident hazard.

- **Trunk restraints** include any manual method or physical or mechanical device, material or equipment attached or adjacent to the resident's body that the resident cannot easily remove such as, but not limited to, vest or waist restraints or belts used in a wheelchair that either restricts freedom of movement or access to his or her body.
- **Limb restraints** include any manual method or physical or mechanical device, material or equipment that the resident cannot easily remove, that restricts movement of any part of an upper extremity (i.e., hand, arm, wrist) or lower extremity (i.e., foot, leg) that either restricts freedom of movement or access to his or her own body. Hand mitts/mittens are included in this category.
- **Trunk or limb restraints**, if used in both bed and chair, should be marked in both sections.
- **Chairs that prevent rising** include any type of chair with a locked lap board, that places the resident in a recumbent position that restricts rising, chairs that are soft and low to the floor, chairs that have a cushion placed in the seat that prohibit the resident from rising, geriatric chairs, and enclosed-frame wheeled walkers.
 - For residents who have the ability to transfer from other chairs, but cannot transfer from a geriatric chair, the geriatric chair would be considered a restraint to that individual, and should be coded as P0100G–Chair Prevents Rising.
 - For residents who have no ability to transfer independently, the geriatric chair does not meet the definition of a restraint, and should not be coded at P0100G–Chair Prevents Rising.
 - Geriatric chairs used for residents who are immobile. For residents who have no voluntary or involuntary movement, the geriatric chair does not meet the definition of a restraint.
 - Enclosed-frame wheeled walkers, with or without a posterior seat, and other devices like it should not automatically be classified as a physical restraint. These types of walkers are only classified as a physical restraint if the resident cannot exit the walker

P0100: Physical Restraints (cont.)

via opening a gate, bar, strap, latch, removing a tray, etc. When deemed a physical restraint, these walkers should be coded at P0100G–Chair Prevents Rising.

- **Restraints used in emergency situations.** If the resident needs emergency care, physical restraints may be used for brief periods to permit medical treatment to proceed, unless the resident or legal representative has previously made a valid refusal of the treatment in question. The resident's right to participate in care planning and the right to refuse treatment are addressed at 42 CFR §§483.10(c)(6) and 483.21(b)(ii)(A)–(F) respectively. The use of physical restraints in this instance should be limited to preventing the resident from interfering with life-sustaining procedures only and not for routine care.
 - A resident who is injuring himself/herself or is threatening physical harm to others may be physically restrained in an emergency to safeguard the resident and others. A resident whose unanticipated violent or aggressive behavior places him/her or others in imminent danger does not have the right to refuse the use of physical restraints, as long as those restraints are used as a last resort to protect the safety of the resident or others and use is limited to the immediate episode.

Additional Information

- **Restraint reduction/elimination.** It is further expected, for residents whose care plan indicates the need for physical restraints, that the nursing home engages in a systematic and gradual process towards reducing (or eliminating, if possible) the restraints (e.g., gradually increasing the time for ambulation and strengthening activities). This systematic process also applies to recently-admitted residents for whom physical restraints were used in the previous setting.
- **Restraints as a fall prevention approach.** Although physical restraints have been traditionally used as a fall prevention approach, they have major drawbacks and can contribute to serious injuries. Falls do not constitute self-injurious behavior nor a medical symptom supporting the use of physical restraints. There is no evidence that the use of physical restraints, including but not limited to side rails, will prevent, reduce, or eliminate falls. In fact, in some instances, reducing the use of physical restraints may actually **decrease** the risk of falling. Additionally, falls that occur while a person is physically restrained often result in more severe injuries.
- **Request for restraints.** While a resident, family member, legal representative, or surrogate may request use of a physical restraint, the nursing home is responsible for evaluating the appropriateness of that request, just as they would for any medical treatment. As with other medical treatments, such as the use of prescription drugs, a resident, family member, legal representative, or surrogate has the right to refuse treatment, but not to demand its use when it is not deemed medically necessary.

According to 42 CFR 483.10(e)(1) and 483.12, “The resident has the right to be free from any physical or chemical restraints imposed for the purposes of discipline or convenience and not required to treat the resident’s medical symptoms.” CMS expects that no resident will be physically restrained for discipline or convenience. Prior to employing any physical restraint, the nursing home must perform a prescribed resident assessment to properly identify the resident’s needs and the medical symptom the physical restraint is being employed to address. The guidelines in the State Operations Manual (SOM) state,

P0100: Physical Restraints (cont.)

“...the legal surrogate or representative cannot give permission to use restraints for the sake of discipline or staff convenience or when the restraint is not necessary to treat the resident’s medical symptoms. That is, the facility may not use restraints in violation of regulation solely based on a resident, legal surrogate or representative’s request or approval.” The SOM goes on to state, “While Federal regulations affirm the resident’s right to participate in care planning and to refuse treatment, the regulations do not create the right for a resident, legal surrogate or representative to demand that the facility use specific medical interventions or treatment that the facility deems inappropriate. Statutory requirements hold the facility ultimately accountable for the resident’s care and safety, including clinical decisions.”

P0200: Alarms

P0200. Alarms	
An alarm is any physical or electronic device that monitors resident movement and alerts the staff when movement is detected	
Coding: 0. Not used 1. Used less than daily 2. Used daily	<div style="text-align: center;">↓ Enter Codes in Boxes</div> <div style="display: flex; align-items: center;"> <input style="width: 30px; height: 30px; margin-right: 10px;" type="checkbox"/> <div style="border: 1px solid black; padding: 2px;">A. Bed alarm</div> </div>
	<div style="display: flex; align-items: center;"> <input style="width: 30px; height: 30px; margin-right: 10px;" type="checkbox"/> <div style="border: 1px solid black; padding: 2px;">B. Chair alarm</div> </div>
	<div style="display: flex; align-items: center;"> <input style="width: 30px; height: 30px; margin-right: 10px;" type="checkbox"/> <div style="border: 1px solid black; padding: 2px;">C. Floor mat alarm</div> </div>
	<div style="display: flex; align-items: center;"> <input style="width: 30px; height: 30px; margin-right: 10px;" type="checkbox"/> <div style="border: 1px solid black; padding: 2px;">D. Motion sensor alarm</div> </div>
	<div style="display: flex; align-items: center;"> <input style="width: 30px; height: 30px; margin-right: 10px;" type="checkbox"/> <div style="border: 1px solid black; padding: 2px;">E. Wander/elopement alarm</div> </div>
	<div style="display: flex; align-items: center;"> <input style="width: 30px; height: 30px; margin-right: 10px;" type="checkbox"/> <div style="border: 1px solid black; padding: 2px;">F. Other alarm</div> </div>
	<div style="display: flex; align-items: center;"> <input style="width: 30px; height: 30px; margin-right: 10px;" type="checkbox"/> <div style="border: 1px solid black; padding: 2px;"></div> </div>

Item Rationale

Health-related Quality of Life

- An alarm is any physical or electronic device that monitors resident movement and alerts the staff, by either audible or inaudible means, when movement is detected, and may include bed, chair and floor sensor pads, cords that clip to the resident’s clothing, motion sensors, door alarms, or elopement/wandering devices.
- While often used as an intervention in a resident’s fall prevention strategy, the efficacy of alarms to prevent falls has not been proven; therefore, alarm use must not be the primary or sole intervention in the plan.
- The use of an alarm as part of the resident’s plan of care does not eliminate the need for adequate supervision, nor does the alarm replace individualized, person-centered care planning.
- Adverse consequences of alarm use include, but are not limited to, fear, anxiety, or agitation related to the alarm sound; decreased mobility; sleep disturbances; and infringement on freedom of movement, dignity, and privacy.

P0200: Alarms (cont.)

Planning for Care

- Individualized, person-centered care planning surrounding the resident's use of an alarm is important to the resident's overall well-being.
- When the use of an alarm is considered as an intervention in the resident's safety strategy, use must be based on the assessment of the resident and monitored for efficacy on an ongoing basis, including the assessment of unintended consequences of the alarm use and alternative interventions.
- There are times when the use of an alarm may meet the definition of a restraint, as the alarm may restrict the resident's freedom of movement and may not be easily removed by the resident.
- When an alarm is used as an intervention in the resident's safety strategy, the effect the alarm has on the resident must be evaluated individually for that resident.

Steps for Assessment

1. Review the resident's medical record (e.g., physician orders, nurses' notes, nursing assistant documentation) to determine if alarms were used during the 7-day look-back period.
2. Consult the nursing staff to determine the resident's cognitive and physical status/limitations.
3. Evaluate whether the alarm affects the resident's freedom of movement when the alarm/device is in place. For example, does the resident avoid standing up or repositioning himself/herself due to fear of setting off the alarm?

Coding Instructions

Identify all alarms that were used at any time (day or night) during the 7-day look-back period.

After determining whether or not an item listed in P0200 was used during the 7-day look-back period, code the frequency of use:

- Code 0, not used: if the device was not used during the 7-day look-back period.
- Code 1, used less than daily: if the device was used less than daily.
- Code 2, used daily: if the device was used on a daily basis during the look-back period.

Coding Tips

- **Bed alarm** includes devices such as a sensor pad placed on the bed or a device that clips to the resident's clothing.
- **Chair alarm** includes devices such as a sensor pad placed on the chair or wheelchair or a device that clips to the resident's clothing.
- **Floor mat alarm** includes devices such as a sensor pad placed on the floor beside the bed.
- **Motion sensor alarm** includes infrared beam motion detectors.

P0200: Alarms (cont.)

- **Wander/elopement alarm** includes devices such as bracelets, pins/buttons worn on the resident's clothing, sensors in shoes, or building/unit exit sensors worn by/attached to the resident that activate an alarm and/or alert the staff when the resident nears or exits a specific area or the building. This includes devices that are attached to the resident's assistive device (e.g., walker, wheelchair, cane) or other belongings.
- **Other alarm** includes devices such as alarms on the resident's bathroom and/or bedroom door, toilet seat alarms, or seatbelt alarms.
- Code any type of alarm, audible or inaudible, used during the look-back period in this section.
- If an alarm meets the criteria as a restraint, code the alarm use in both P0100, Physical Restraints, and P0200, Alarms.
- Motion sensors and wrist sensors worn by the resident to track the resident's sleep patterns should not be coded in this section.
- Wandering is random or repetitive locomotion. This movement may be goal-directed (e.g., the resident appears to be searching for something such as an exit) or may be non-goal directed or aimless. Non-goal directed wandering requires a response in a manner that addresses both safety issues and an evaluation to identify root causes to the degree possible.
- While wander, door, or building alarms can help monitor a resident's activities, staff must be vigilant in order to respond to them in a timely manner. Alarms do not replace necessary supervision.
- Bracelets or devices worn by or attached to the resident and/or his or her belongings that signal a door to lock when the resident approaches should be coded in P0200E Wander/elopement alarm, whether or not the device activates a sound or alerts the staff.
- Do not code a universal building exit alarm applied to an exit door that is intended to alert staff when *anyone* (including visitors or staff members) exits the door.
- When determining whether the use of an alarm also meets the criteria of a restraint, refer to the section "Determination of the Use of Position Change Alarms as Restraints" of F604 in Appendix PP of the State Operations Manual.