



stryker®

---

Medical

# Your Partner for Patient Safety

---

Working together to achieve the National Patient Safety Goals

# JCAHO

## Patient Safety Goals

“The purpose of the Joint Commission’s National Patient Safety Goals is to promote specific improvements in patient safety. The Goals highlight problematic areas in health care and describe evidence and expert-based solutions to these problems. Recognizing that sound system design is intrinsic to the delivery of safe, high-quality health care, the Goals focus on system-wide solutions, wherever possible.”\*

### 2007 National Patient Safety Goals for Hospitals and Long-Term Care Facilities

- |                |                                                                                         |
|----------------|-----------------------------------------------------------------------------------------|
| <b>GOAL 1</b>  | Improve the accuracy of patient identification                                          |
| <b>GOAL 2</b>  | Improve the effectiveness of communication among caregivers                             |
| <b>GOAL 3</b>  | Improve the safety of using medications                                                 |
| <b>GOAL 7</b>  | Reduce the risk of health care-associated infections                                    |
| <b>GOAL 8</b>  | Accurately and completely reconcile medications across the continuum of care            |
| <b>GOAL 9</b>  | Reduce the risk of patient harm resulting from falls                                    |
| <b>GOAL 10</b> | Reduce the risk of influenza and pneumococcal disease in institutionalized older adults |
| <b>GOAL 13</b> | Encourage patients' active involvement in their own care as a patient safety strategy   |
| <b>GOAL 14</b> | Prevent health care-associated pressure ulcers (decubitus ulcers)                       |
| <b>GOAL 15</b> | The organization identifies safety risks inherent in its patient population             |

\* From [http://jointcommission.org/PatientSafety/NationalPatientSafetyGoals/npsg\\_intro.htm](http://jointcommission.org/PatientSafety/NationalPatientSafetyGoals/npsg_intro.htm)



### **Stryker Mission**

“We are committed to earning customer loyalty by providing best-in-class products, services and quality, which reduce our customer’s costs and improve patient care and outcomes.”

**... Supporting continuous improvement of patient care ...**

### **JCAHO Mission**

“... Continuously improve the safety and quality of care provided to the public through the provision of health care accreditation and related service that support performance improvement in health care organizations.”

# Stryker Can Help You Achieve JCAHO's National Patient Safety Goals

## GOAL 7 Reduce the risk of health care-associated infections

Stryker's XPRT™ pulmonary wound-care support surface provides rotation, percussion and vibration therapies along with many nurse-assist capabilities.



XPRT Advanced Pulmonary Therapy



*Our ability to achieve a full 40-degree turn helps prevent ventilator-associated pneumonia and lobar atelectasis in critically ill patients.<sup>1</sup>*

<sup>1</sup>Thomas Ahrens et al, "Effect of Kinetic Therapy on Pulmonary Complications," *American Journal of Critical Care*, 2004, 13L: pp. 376 – 382

## GOAL 9 Reduce the risk of patient harm resulting from falls

Stryker's innovative product design focuses on maximizing patient safety and minimizing the risk for falls.



Zero-transfer Gap



Less than 21-inch Low Height



Recovery Chair Position

*M-Series stretchers are designed with a zero-transfer gap, best-in-class low height and recovery chair capabilities. These features reduce the frequency and risk involved in patient transfers.*



*The LD304 birthing bed boasts best-in-class low height of 17.5 inches, which helps promote safer ingress and egress. The bed also features an intermediate siderail position that helps mom get in and out of bed.*

Stryker's integrated bed and stretcher scales can help reduce the risk of falls by eliminating the need to transfer patients to a separate weighing device.



M-Series Stretcher



GoBed II® MedSurg Bed



*Stretcher scales weigh patients up to 700 lbs with the touch of a button.*



*MedSurg and Critical Care beds weigh up to 500 lbs with the bed and patient in any position.*

**GOAL 9b** Implement a fall reduction program including an evaluation of the effectiveness of the program



**Chaperone® Bed Exit**

Stryker has proven technology to address fall prevention. Chaperone is the only bed exit system that accurately senses body positioning. By basing its alert system on the patient's weight distribution, Chaperone is an effective, reliable tool to help prevent falls and reduce false alarms. Stryker guarantees a 30-percent reduction in bed-related patient falls after using our product for just one year or we will refund the cost of the system.



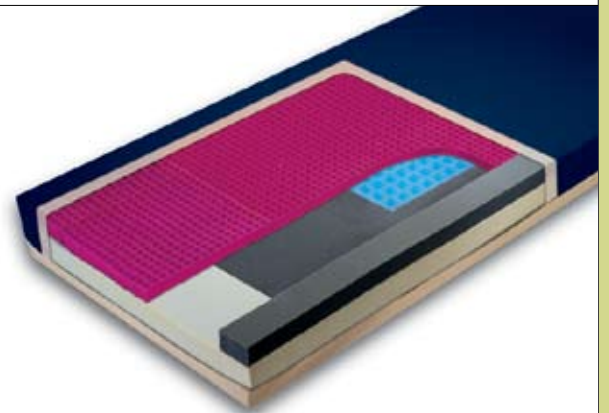
**Fall Prevention Education**

Stryker developed a complete fall prevention program to partner with the bed exit system. Available as a free resource, the comprehensive program combines education, technology and a life-long fall prevention partnership to produce the results you need — safer patients and lower costs. Our program focuses on education and awareness at the patient, caregiver and family level to ensure a partnership in safety for all patient environments.

**GOAL 14** Prevent health care-associated pressure ulcers (decubitus ulcers)

**Continuum of Care**

Stryker delivers pioneering solutions with its comprehensive sleep surface continuum. From wound care intervention to advanced pulmonary therapy, we have a full line of sleep surfaces that help prevent and treat pressure ulcers.



**Clinically Proven Results**

Our only-in-class Isoflex support surface is composed of a grid-like gel structure that works to redistribute pressure, greatly reducing pressure and shear on the patient's skin. Stryker is so confident in the clinical efficacy of the Isoflex, that we offer a complete clinical guarantee. If you place a patient with no pre-existing pressure ulcer on the Isoflex and he/she develops a pressure ulcer, Stryker will provide a low-air loss overlay at no additional charge.

In an effort to support hospitals and long-term care facilities relative to JCAHO accreditation efforts, Stryker offers the following recommendations that provide direction to facilities seeking compliance in the areas pertaining to our product portfolio.

### Goal 7 Reduce the risk of health care-associated infections

*Tips to help reduce the incidence of VAP*

- Perform oral care every two hours
- Rotate patients to full 40-degree turn every two hours
- Maintain HOB elevation of 30-degrees or more (when clinically appropriate)
- Administer lateral rotation
- Administer percussion/vibration

Kaleida Health Protocol

*Tips to comply with hand hygiene guidelines*

- Make improved hand hygiene an institutional priority
- Place alcohol-based hand rub products at entrance to patient room or at bedside
- Provide healthcare workers with pocket-size containers of alcohol-based hand rub products

CDC Hand Hygiene Recommended Guidelines

### Goal 9 Reduce the risk of patient harm resulting from falls

*Tips for selecting products and features to help reduce risk of falls*

- Select products with low-height measurements that are safe for patient ingress and egress
- Choose bed products with built-in, multi-zone bed exit alarms which track patient center-of-gravity to help reduce false alarms
- Select patient handling products that help eliminate lateral transfers through built-in capabilities such as recovery and cardiac chair positions
- Eliminate the need to move/lift patients from the bed/stretchers to a scale by selecting products equipped with accurate integrated scale systems

HealthStream Educational Design CEU for Fall Prevention: The Ergonomics of Patient Care and Safety

### Goal 9b Implement a fall reduction program including an evaluation of the effectiveness of the program

*Tips for implementing and evaluating a fall prevention program*

- Schedule educational classes for hospital staff to reinforce the importance of fall prevention and the risks associated with patient falls
- Educate hospital staff, patients and families on methods to prevent patient falls both in the hospital setting and at home
- Assess all patients for fall risk upon admittance and clearly identify patients at high risk for falls
- Track and document bed-related fall incidence rates to monitor effectiveness of the program

HealthStream Educational Design CEU for Fall Prevention: The Ergonomics of Patient Care and Safety

### Goal 14 Prevent health care-associated pressure ulcers (decubitus ulcers)

*Tips for preventing pressure ulcers*

- Select and use a tool of risk assessment that ensures systematic evaluation of individual risk factors
- Assess all patients at the time of admission, after unit transfers, after a change in condition and at regular intervals thereafter
- Identify all individual risk factors (decreased mental status, moisture, incontinence, nutritional deficits) to direct specific preventive treatments
- Inspect the skin at least once daily and document assessment results
- Reposition bed-bound patients at least every two hours, chair-bound patients every hour
- Place at-risk patients on pressure reducing mattresses

*Tips for selecting surfaces to treat/prevent pressure ulcers*

- Select surfaces that provide pressure redistribution qualities, per patient assessment, and pre-existing risk factors
- Choose products that provide solutions for a variety of pressure ulcer contributing factors including pressure, shear and friction
- Identify low-air-loss products for patients at risk for skin breakdown as a result of moisture
- Select surfaces that aid staff with patient repositioning through turn-assist, CLRT and max inflate functionality

The National Pressure Ulcer Advisory Panel's Summary of the AHCPR Clinical Practice Guideline, *Pressure Ulcers in Adults: Prediction and Prevention* (AHCPR Publication No. 92-0047. Rockville, MD: May 1992).

**stryker**<sup>®</sup>

3800 E. Centre Ave.  
Portage, MI 49002 USA  
t: 269 329 2100 f: 269 329 2311  
toll free: 800 787 9537

LLB-450-03A  
PC/SCG-10M-0706, 06-SMD-1391  
Mkt Lit-150-06302006 Rev A

Copyright © 2006 Stryker  
Printed in USA

www.stryker.com