



Background/Current Knowledge

Hospital acquired pressure ulcers

- Leads to 60,000 deaths annually
- Are responsible for up to \$11 billion in added treatment costs
- Can add between \$400,000-\$700,000 to the average hospital's cost
- Range from stage 1 ulcers, which can appear reddened, like a bruise, and cost \$2,000 or more to treat, to stage 4 ulcers, which are the most severe, can cause extensive deep tissue damage, and may cost up to \$70,000 to treat.
- Will result in denial of payment by Medicare starting October 2008
- The Institute for Healthcare Improvement (IHI) has set a goal of zero tolerance for Hospital Acquired Pressure Ulcers as part of the 5 Million Lives Campaign



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Background/Current Knowledge

What do we know?

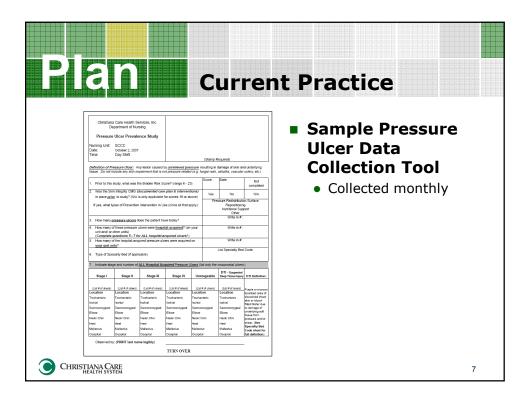
- Risk is predictable age, immobility, incontinence, poor nutrition, sensory issues, dehydration
- Skin integrity can change within hours
- Wet skin is more vulnerable
- Continual pressure, especially over bony prominences, increases risk
- Pressure-relieving surfaces and repositioning do make a difference.

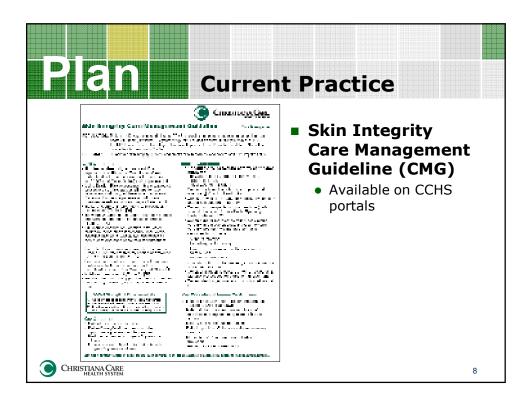


Full Thickness Wound

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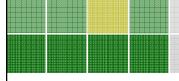


Measurable Goal/ Key Outcomes

- Unit Acquired Pressure Ulcers will be reduced by a minimum of 50% with ultimate goal of "Zero" Tolerance
- Adopt IHI goal of "Never Event" for Unit Acquired Pressure Ulcers
- Improve assessment skills and pressure ulcer identification
- Improve compliance with appropriate interventions



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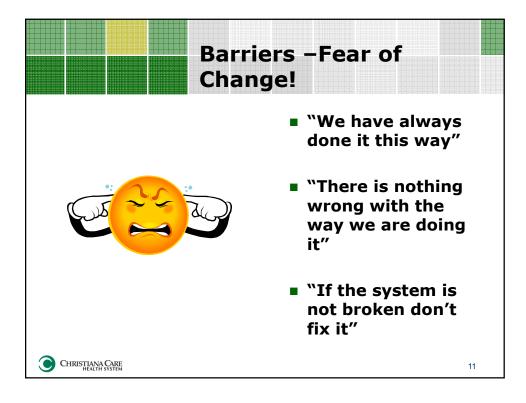


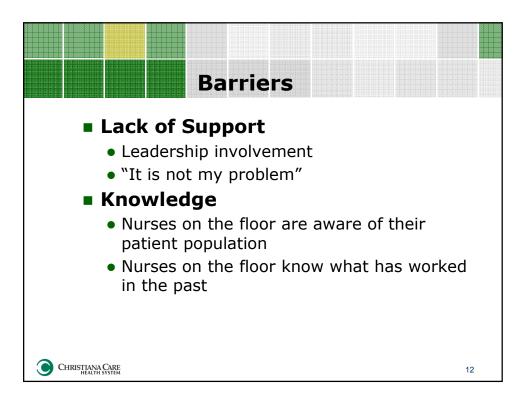
Units

- Cardiovascular Intensive Care Unit (CVICU)
- Coronary Intensive Care Unit (CICU)
- Medical Intensive Care Unit (MICU)
- Pulmonary Stepdown/Vent Weaning Unit (3DSD)

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Action Plan: Solutions Implemented

- Team formed 9/07 and implemented the following interventions over several months:
 - 1. Turning Schedule Clock
 - 2. Staff education using online modules, lectures, and one on one mentoring focusing on "Zero" tolerance
 - 3. Piloted Bowel Management System
 - 4. Updated For Your Information (FYI) Sheets
 - 5. Identified Unit based skin champions
 - 6. Routine WOC rounding on units and with skin champions
 - Assessment strategies for wedge positioning devices, along with increased availability on each unit
 - 8. Reformatted Skin Integrity CMG by risk category (in process)
 - 9. E-mail from Team leader to all staff with goals



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Action Plan/Solutions Implemented



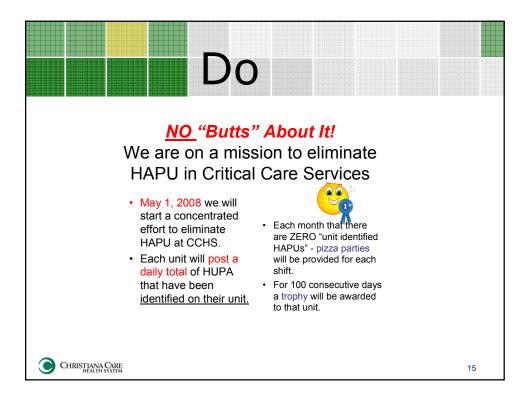
Sample Turning Schedule Clock posted in patient room

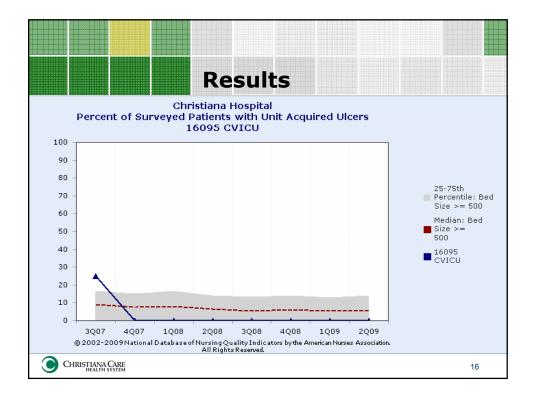


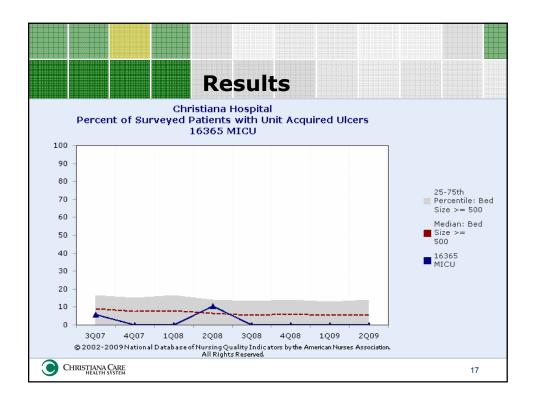
Sample Wedge Positioning Device

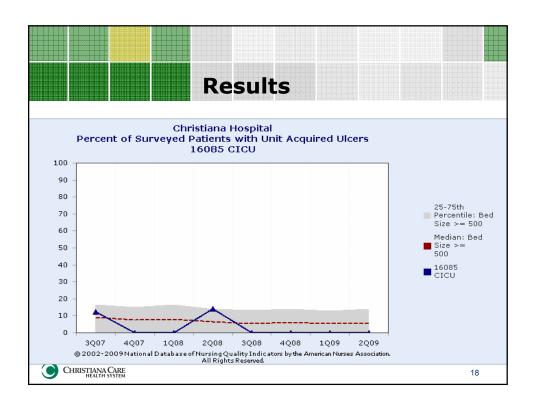


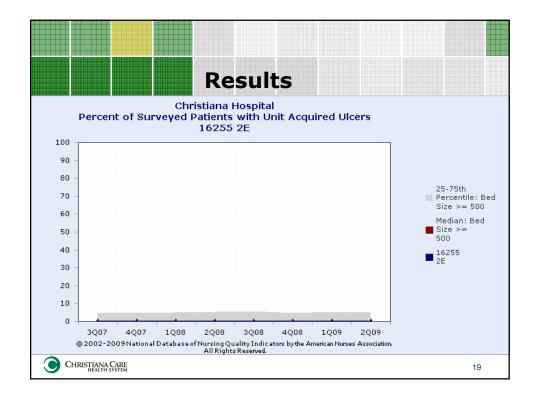
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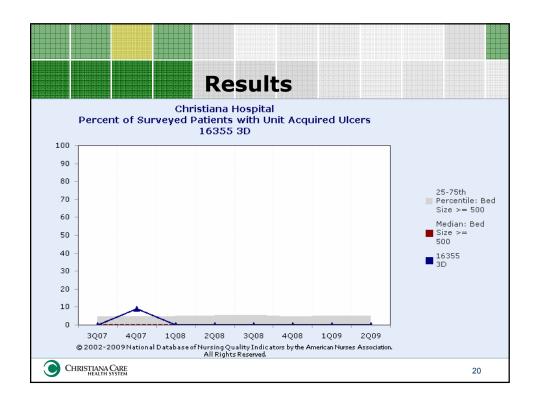


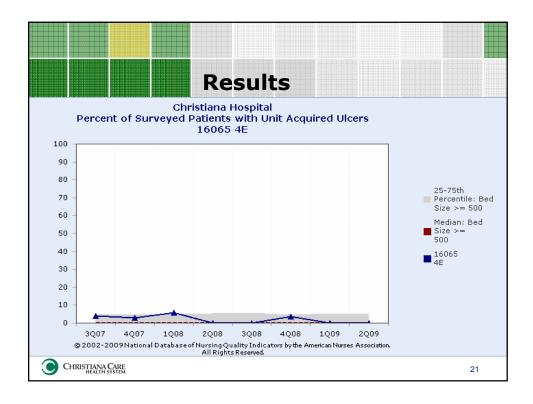


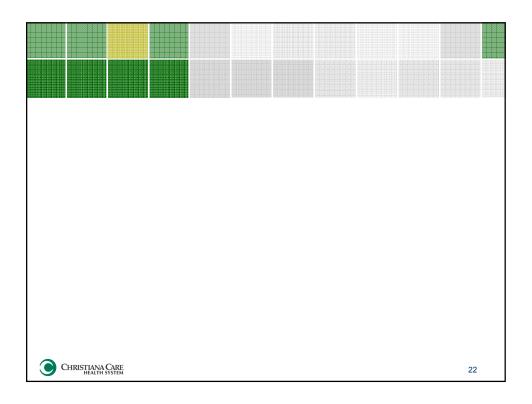


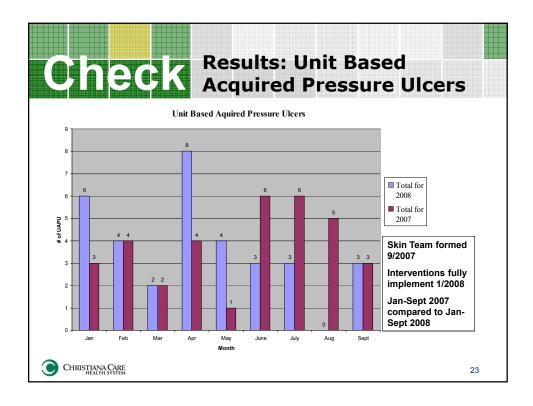


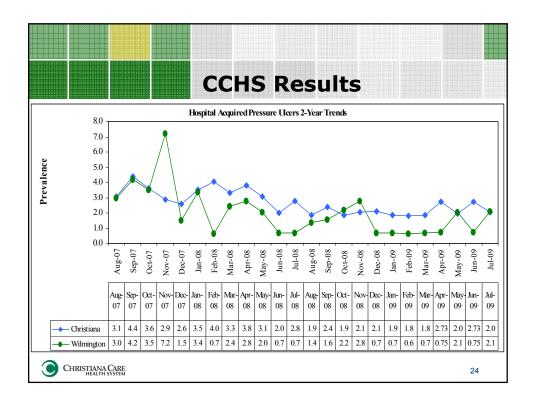














- Patients' skin remained intact
- Improved wound healing
- Improved nursing confidence in regard to skin care
- Individualized care for each patient
- Involvement of family in patient care and education



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- Celebrate ≥50% improvement in unit acquired pressure ulcers (April and May 2008)- continue each quarter
 - For Example, Pizza parties for units with Zero pressure ulcers each month
- Continue to focus on and promote "Zero Tolerance" for unit based acquired pressure ulcers
 - For Example, unit staff meetings, service meetings, and skin champions, etc.

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- Review patient charts for opportunities in units with <50% improvement monthly
- Continue with identified interventions and skin monitoring in each unit
- Continue to meet monthly to review data and opportunities including path forward



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- There is great variation:
 - Identification of skin impairment
 - Documentation
 - Prevention
 - Treatment
- Care plans need to be individualized for each patient
- Skin prevention is an ongoing team effort with multiple challenges

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