Skin Injury Prevention Strategies Nicole Helgeson, MSN, RN, CNOR



CentraCare -St. Cloud Hospital

oLevel II Trauma Center, staffed 24/7 OAverage of 1400 surgeries/month oAverage of 16,000 surgeries/year OSurgeries include everything except: o Peds Trauma, transplants, and burns

Reporting process

- Variance Reporting
- RCA/SME Process

MDH - Reportable Health Events

- Surgery performed on wrong body part that is not consistent with informed consent.
- Surgery performed on the wrong patient.
- Retention of a foreign object in patient after surgery.
- Death during or immediately after surgery of a normal, healthy patient.

Care Management

- Irretrievable loss of an irreplaceable specimen.

- Stage 3, 4 or unstageable ulcers acquired after admission to a facility.

Hospital Acquired Pressure Injury (HAPI) Prevalence Friction, pressure, shear, moisture Poor nutrition, poor fluid balance

Sedation/Anesthesia

- 14% of all inpatients experience HAPIs (39.3% of ICU patients) · 2.5 million patients per year in the United States

\$10,700 per patient

Best Practices

Fundamentals:

- Risk Assessment and interventions
- Support Surfaces
- Repositioning (all phases if applicable)
- Communication/Teamwork
- Documentation
- Education for staff

What pieces to the puzzle is your department

Risk Assessment

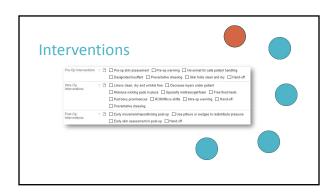


TRIGGERS TOOL?



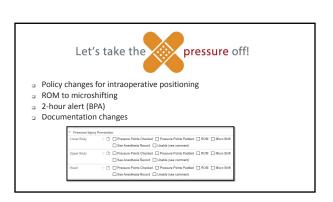
WHAT ARE THE PATIENT

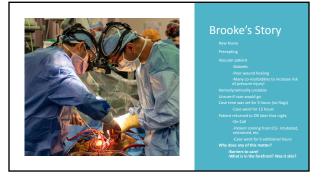


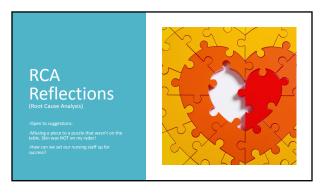














Meet Stanley

- •70-year-old male
- •BMI 22

•Came to ER with NSTEMI, initial angiogram completed

- •Two days later underwent CABG x3.
- · 7-hour procedure.
- Mepilex was in place.
- •Complications included cardiogenic shock, ileus, and multiple days on vasopressors in ICU.
- •4 days post op CABG, noted reddened coccyx.
- •Unstageable on POD 12.



Lessons Learned

- . Long Case (contributing factor)
- No charting on repositioning/micro shifting

- Inadequate repositioning
- Nutrition screening missed
 No preventative dressings placed

- Length, Type, Position of surgery
 Medications (vasopressors)
- Patient refusal

Action Plans

- Skin Education
- Documentation of interventions (Scott Triggers)
- Gel pad vs. foam padding vs. new mattresses

- Education
- Tip sheets for new hires on skin/repo
- Nutrition BPA



Meet Tony

- o Male in his 40s
- BMI = 46.7
- Surgery: Exploratory lap for small bowel obstruction with necrotic bowel. Inguinal hernia repair with mesh.
- 4 Liters irrigation to abdominal cavity. JPx2, NG, foley. To ICU for pressors.
- o Intubated x3 days
- o WOC consulted POD 1 for skin fold erythema.
- POD 3 extubated. Encephalopathy post extubation.
- POD 6 new coccygeal hospital acquired deep tissue
- POD 18 Unstageable ulcer.

Meet Linda

- •Female in her 70s
- •Multiple comorbidities.
- •Surgical Procedure: AAA repair with multiple stenting and angioplasty.
- · 7-hour procedure.
- •WOC involved 3 days post op. Deep tissue injury hospital acquired.



Lessons Learned and Action Plans

Lessons Learned:

- •Pressure injury screening did not occur.
- Preventative dressing not in place.



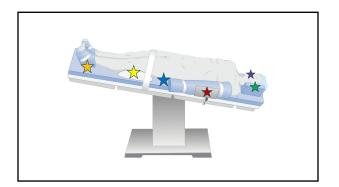
Action Plans:

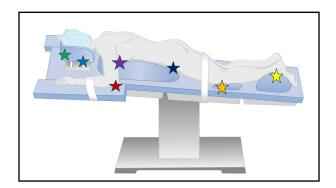
- Education
- EMR Enhancements
- Yellow Banner
 Positioning transferring to inpatient units
- Pressure reduction methods
- Skin audits/Skin Champions

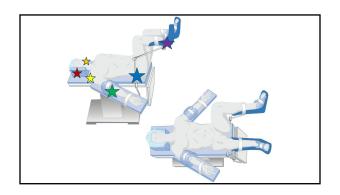
Positioning Pressure Points

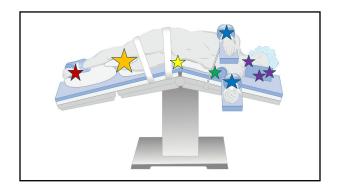
Do you know which pressure points your patients are at risk for related to the position they are in?















The Missing Pieces to the Puzzle

- •Risk assessments
- •Support Surfaces
- •Interventions based on
- •Prophylactic Dressings
- •Documentation
- •Handoff

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Let's Connect!

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