

LOVE THE SKIN YOU'RE IN!

Pressure Injury Management

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DISCLOSURE

The presenters have no conflicts of interest or financial disclosures to report.

No sponsorship or commercial support was provided.







SYMPOSIUM OBJECTIVES

CREATING SUSTAINABILITY

- Describe effective interventions that led to a sustainable skin and wound program.
- Describe the active learning strategy for ongoing professional development of ST members.

OPTIMIZING SKIN INTEGRITY

- Discuss the patient impact associated with prevention of medical device related pressure injuries (MDRPIs).
- Describe the key components of a unit based 'One Simple Change' project.

BETTER TOGETHER

- Summarize the professional development outcomes for Skin Team (ST) members participating in pressure injury prevalence/ prevention educational activities.
- Identify unique programmatic evaluations that result in improved patient outcomes.







DEFINITIONS

- Hospital Acquired Condition (HAC): a medical condition or complication that a patient develops during a hospital stay, which was not present at admission.
- Pressure Injury (PI): localized damage to the skin/underlying soft tissue over a boney prominence or under a medical device.
 - Hospital-acquired pressure injury (HAPI): a PI that occurred after admission.
 - Medical device-related pressure injury (MDRPI): describes an etiology.
 - Serious Harm Events (SHE): stage 3, stage 4, and unstageable (UTS) Pls.
- **Prevalence**: number of patients with a hospital-acquired PI (HAPI) at a set point in time.

References: Edsberg, L. E., Black, J. M., Goldberg, M., McNichol, L., Moore, L., & Sieggreen, M. (2016). Revised National Pressure Ulcer Advisory Panel Pressure Injury Staging System: Revised Pressure Injury Staging System. *J Wound Ostomy Continence Nurs*, 43(6), 585-597.







INTRODUCTION

Children's National Hospital & the Skin Team

Kara Johnson BSN, RN, WOC-RN, WCC Laura Welch BSN, RN-BC, CPN, WOC-RN, WCC







CHILDREN'S NATIONAL HOSPITAL (Washington, DC)











CHILDREN'S NATIONAL SKIN TEAM (ST)

- 70+ Registered Nurses & Patient Care Technicians
 - All 10 inpatient units
 - 6 non-inpatient departments
 - 2 ambulatory clinics



CREATING SUSTAINABILITY

A Nurse-Led Skin Program

Kara Johnson BSN, RN, WOC-RN, WCC Laura Welch BSN, RN-BC, CPN, WOC-RN, WCC







OUR SKIN TEAM HISTORY

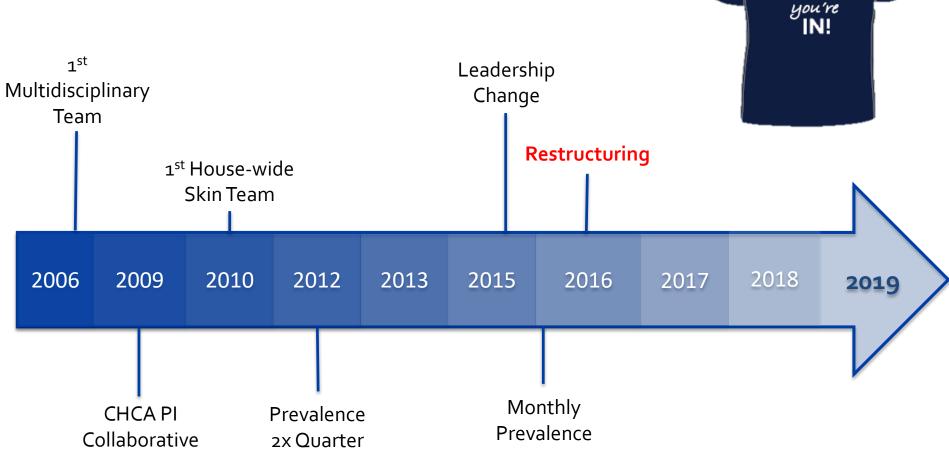
"The more you know about the past, the better prepared you are for the future." —Theodore Roosevelt







13 YEARS & COUNTING









RESTRUCTURING FOR SUSTAINABILITY

"We are here to create history, not repeat it."

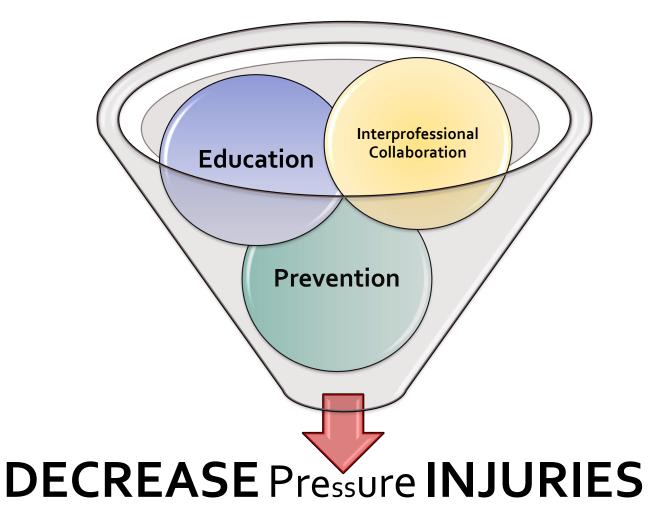
-Chantelle Renee







PROGRAMMATIC CHANGES

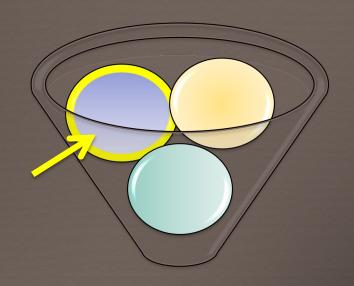








EDUCATION



"Tell me and I'll forgot. Show me and I may remember.

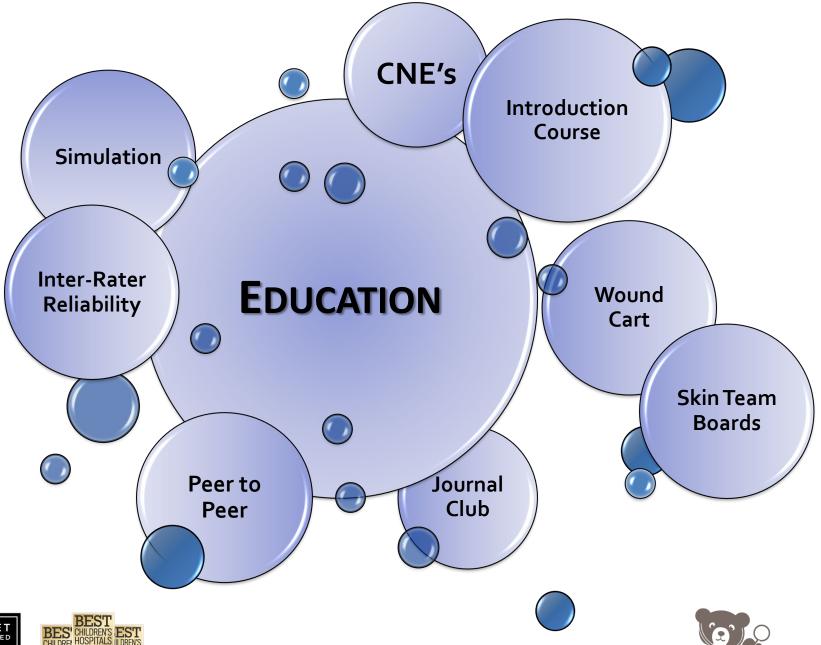
Involve me and I learn."

-Benjamin Franklin









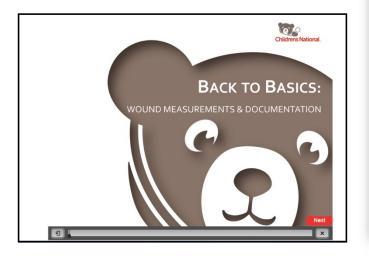






STANDARDIZATION

- Product 101's
- Wound Cart Simulators
- Measurements & Documentation
 - E-Learning Module
 - Skills validation





Surgical Sally has 14 different surgical wounds to choose from. 3 are closed with sutures, 3 are closed with staples, and 3 are open to air. There are also 3 different drains to use on this model. Along with a sacral stage 2 pressure injury, and an ileostomy and colostomy.

With so much to choose from, this makes Sally ideal for providing hands-on education for wound/surgical site assessment & management and dressing change practice.

Sally's skin is formulated to be drier, allowing bandages to adhere better.

SALLY'S RESOURCES

- Nurse Practice Guidelines (NPG)
 - o Skin Care
 - o Chest Tube Management o Care of Sternotomy
- UNIT SPECIFIC GUIDELINES
- NATIONAL PRESSURE ULCER ADVISORY PANEL (NPUAP) WEBSITE for the sacral stage 2 o www.npuap.org
- HOLLISTER/COLOPLAST WEBSITES

o www.hollister.com

PRODUCT 101 - EAKIN SEAL

. WHERE DO! FIND EAKIN SEAL? Unit stock or Central Supply (box of 6).

HOW DOT USE EAKIN SEAL?

Eakin Seal@ is a soft, moldable skin protector that fits around the base of the stoma to provide a leak proof Seal. (http://www.ea/sncoherivereals.com/)

FAO FOR USE AT CNHS

p Home medical companies can order this product.

p Clean and dry the skin surrounding stoma. Warm the Eakin between your hands before removing the o Remove the plastic wrap and mold the Eakin by gently

lengthen its wear time.

snug fit around the stoma



INDICATIONS FOR USE AT CNHS

- · Intended for use with ostomies a Prevents leaks by smoothing out skin crossosicrovassos
 - Prevents irritated skin
 - o Protects skin from contact with
- o Position Eakin on the body & carefully mold to ensure a Try to have minimal skin around the stoma exposed.
 - You can apply Eakin to the back of ostomy bag as well as front side - if using a 2 piece ostomy appliance.

teasing and stretching it into the shape around the stoma. . Mastisol may be used on the skin side of the Eakin to

- o Flatten the outer edge of the Eakin. Warmth from your hands will help to ensure a good seal is achieved
- o Fit the pouch as normal and hold in position for to
- CANI CUT EAKIN SEAL?
 - YES. Remember to keep unused portion in a resealable. baggie, so it doesn't dry out.
- CANTUSE EAKIN SEAL ONMORE THAN JUST AN OSTOMY?
- o YES. It can also be used on fistulas & wounds.
- a lit cannot be used around trach's!
- . It could dislodge & obstruct the airway.
- WHENDO I CONTACT THE WOUND TEAM?
 - a If you are still noticing leaking ostomy sites, despite appropriate use & application of Eakin.



questions?

June Amling - x 5086 Sarah Choi - x 1551 Kara Johnson - x eea8 Laura Welch - x 6053



CARE for SALLY Only clean Sally with mild

soap (Johnson & Johnson) &

water. Wipe clean with a soft

For stains that soap & H2O

don't remove, contact your

Do not any hospital cleansers

or plastic. These materials

will transfer indelible stains.

Ballpoint pen ink cannot be

solutions will stain Sally. No

cloth or paper towel.

Skin Team Leads.

(sanitation wipes) or adhesive removers o These solvents will void

the warranty Never place on printed paper

removed from Sally.

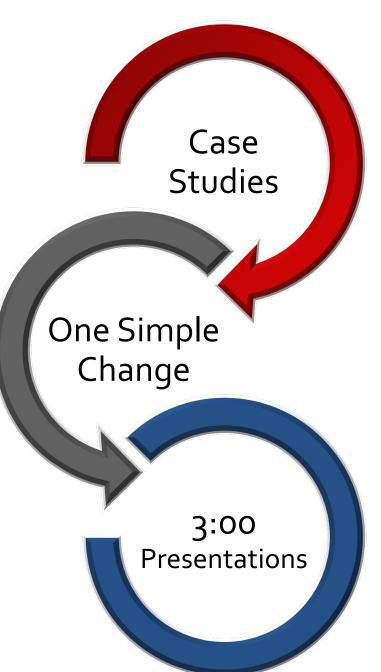
not use.

Povidone-iodine based

PEER TO PEER







SKIN TEAM BOARDS

REQUIRED ELEMENTS

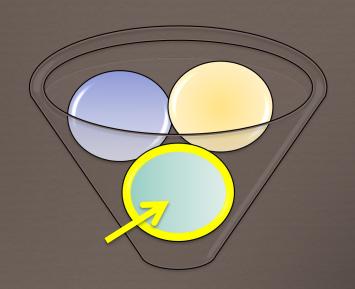
- Unit-based Skin Team members
- Diaper Dermatitis algorithm
- PI Bundle Elements

OPTIONAL ELEMENTS

- Product updates
- Cushion to Protect
- Unit HAPI prevalence rate
- Announcements/updates



PREVENTION



"Treatment without prevention is simply unsustainable."
-Bill Gates

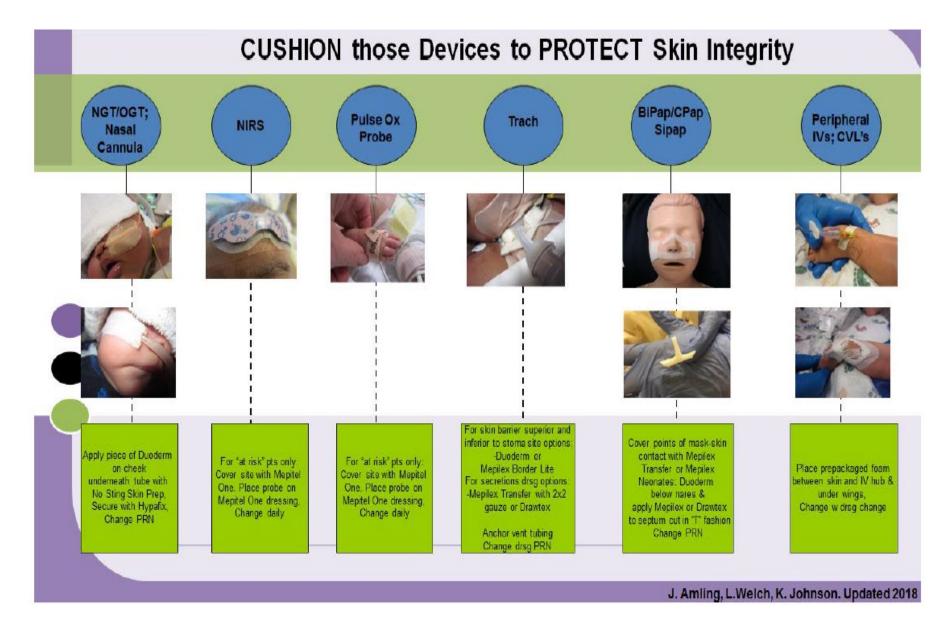








CUSHION & PROTECT



CUSHION & PROTECT HANDS-ON









BUNDLE COMPLIANCE

PRESSURE INJURY PREVENTION BUNDLE ELEMENT –
PATIENT POSITIONING

CARE DESCRIPTION OF ELEMENTS

- Turn <u>ALL</u> SEDATED, IMMOBILE, AND/OR INSENSATE PATIENTS at least EVERY 2 HOURS.
 - In NICU, re-positioning is timed with cares.
- Maintain HOB ≤30 degrees (unless medically contraindicated).





SPECIAL CIRCUMSTANCES

- Patients <12 months of age who are <u>NOT</u> sedated, immobile, and/or insensate.
- Patients who CAN REPOSITION themselves.
 - o Document "Patient moves self" Q24hrs in ADLs.
- Patients who are clinically <u>UNSTABLE/MEDICALLY</u>
 CONTRAINDICATED.
 - Requires LIP order Q24hrs + document medically unstable in ADLs.
- Patient/family REFUSAL
 - o Document refusal(s) in ADLs with each Q2 interval.

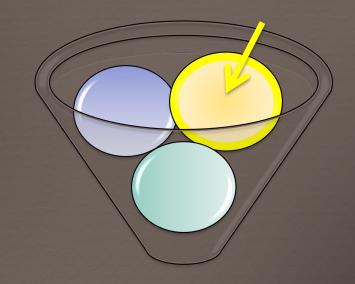
In order for the PI Prevention Bundle to be deemed compliant, ALL 5 elements need to be performed & documented on every shift.

ated by K. Johnson, L. Welth

VCL	
Patient Positioning	Skin Assessment
Fositioning	Assessment
Moisture	Device
Management	Rotation
Be Surf	
3011	ace

Skin Team Member:				Unit:			Due Date: April Prevalence (04/10/2019)	
							Date Range: 03/14/19 - 04/09/19	
Patient Information			Pt Repositioning			Follow-Up		
	Date/Time	MRN	At-Risk Criteria	Q2hr Turned?	# Missed	RN/PCT	Follow-up	Barrier Identified
Directions	24hr look back (2 consecutive 12hr shifts)	MRN#	Risk Assessment Scale, Diagnosis, Clinical Condition	Yes/No	Give#	RN: Name; PCT: Name	Face-to-Face, E-mail	E.g. didn't feel at-risk, patietn/family refused, forgot to chart, communication, etc.
Example	3/27AM - 3/27PM	0123456789	MRCP	No	3	Smith; PCT: Jack Frost	Face-to-Face, both	Forgot to chart
Patient Information			Pt Repositioning		Follow-Up			
Patient	Date/Time	MRN	At-Risk Criteria	Q2hr Turned?	# Missed	RN/PCT	Follow-up	Barrier Identified
1								
Comments:								

Interprofessional Collaboration



"We can't solve problems by using the same kind of thinking we used when we created them."

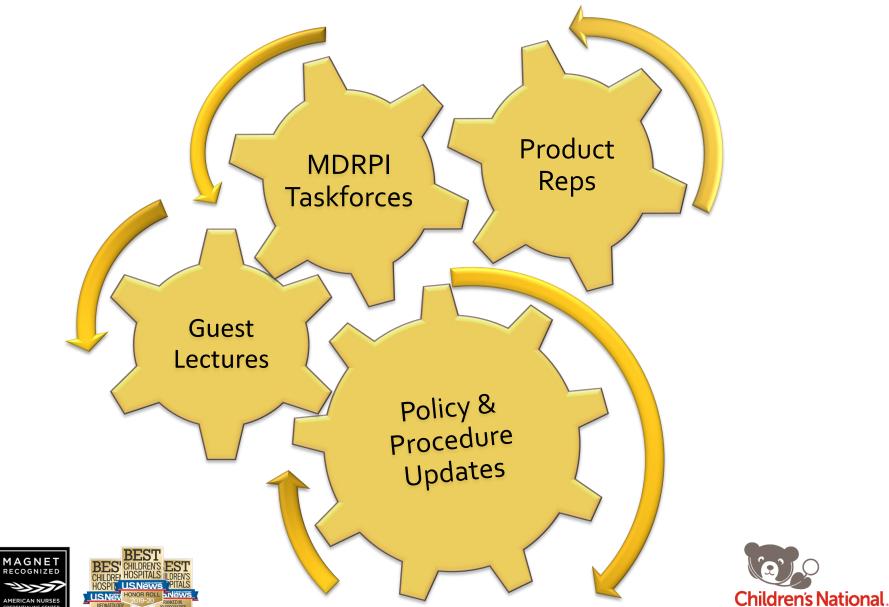
-Albert Einstein







INTERPROFESSIONAL COLLABORATION



YEAR AT A GLANCE

Quarter	Topic	Month	Guest Speaker/Product Representative	Hands-On		
	Pressure Injuries	January	Introduction Course & Journal Club			
Q1		February	Interventional Radiology Line/Tubes/Drains Procedures	Padding & Stabilizing of Lines, Tubes, Drains		
		March	Neurology EEG Procedure	EEG Turban Application & Skin Protection		
	Skin Injuries & Wound Care	April	Introduction Course & Journal Club			
Q2		May	Dermatology Dermatological Skin Conditions	Wet Pajamas & Wound Cultures		
		June	General Surgery Physician Abscesses, Incisions, & Fistulas	Wound Packing		
Q3	Ostomies & Fistulas	July	Introduction Course & Journal Club			
		August	Hollister Rep Stoma & Bag Selection	Ostomy Bag Application		
		September	Gastroenterology Surgical Procedure for Stoma Formation	"Pouch Me Home"		
Q4	Negative Pressure Wound Therapy	October	Introduction Course & Journal Club			
		November	Orthopedics Debridement & Surgical Site Wounds	Surgical Site Wounds		
		December	Acelity Rep Negative Pressure Wound Therapy	V.A.C Application		







PRODUCT REPS

Skin & Wound Products

- Negative pressure wound therapy
- Ostomy pouches
- Support surfaces (specialty beds)
- Repositioning aids
- Foam dressings
- Barrier products

Hands-On Learning







DIDACTIC LECTURES

Content Expert

- Burn Team
- Trauma
- Orthopedics
- Gastroenterology
- General Surgery
- Neurology
- Dermatology
- Interventional Radiology
- Physical Therapy
- Respiratory Services
- Vascular (IV) Team





Hands-On Learning



MDPRI TASKFORCES

2016

- Neurology (EEG)
- Respiratory (non-invasive ventilation)

2017

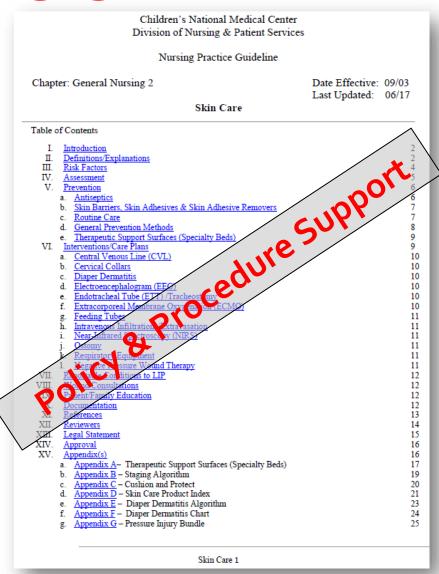
- Peripheral Vascular Team (peripheral IVs)
- Trauma (cervical collar)

2018

 Anesthesiology/Cardiovascular Surgery (endotracheal tube)

2019

- Respiratory (non-invasive ventilation)
- ECMO



OPTIMIZING SKIN INTEGRITY

One Simple Change for Hospitalized Children

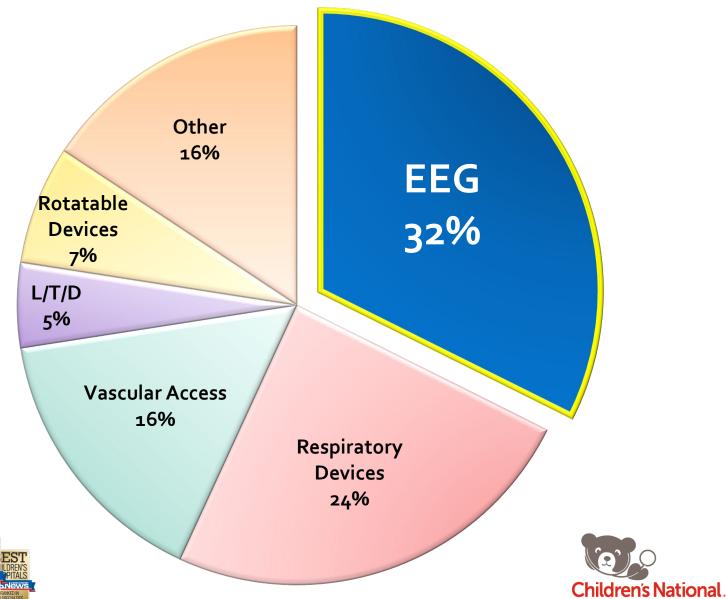
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2016 MEDICAL DEVICE-RELATED PIS







GOING TURBANLESS

Nora Kramer BSN, RN, CPN; Sarah Hamilton BSN, RN, CPN; & Bridgett Bissell BSN, RN







REDUCING EEG-RELATED PIS



Clinical Significance

- January July 2016
 - 45 EEG-related PIs
 - 78% occurred in the 3 ICUs
- Our top MDRPI
- Interprofessional quality improvement (QI) initiative
 - Focus areas: CICU/PICU
 - The Team
 - Skin Team RNs in CICU & PICU
 - Neurologists
 - EEG Technicians







GOING TURBANLESS

PRE Intervention

Turbaned EEG





POST Intervention

> 'TurbanLESS' EEG

Phase 1

- Turban-less EEG studies in CICU/PICU
- New 'flatter' EEG leads
- Weekly EEG rounds

Phase

- Education
 - Skin protectors
 - Turban pressure
 - EEG surveillance

TURBANLESS OUTCOMES

