LOS ANGELES GENERAL MEDICAL CENTER DEPARTMENT OF NURSING SERVICES POLICY

				Page 1	Of	7
Subject:		Original Issue Date:	09/08	Policy #	205	
PRESSURE INJURY PREVENTION & WOUND MANAGEMENT		Supersedes: 4/2		805 Effective Date: 02/24		
Departments Consulted: Wound Care	Reviewed & Approved by: Professional Practice Committee Nurse Executive Council Attending Staff Association Executive	ve Committee	Approved by (signature Nancy Blat Chief Nurs	on file) ke		

PURPOSE

This policy and procedure establish guidelines for the assessment of risk, early detection, prevention, and identification of occurrence of skin breakdown in hospital patients. It also describes interventions, management and documentation of potential or actual cases of alteration in skin integrity during the patient's hospital stay.

POLICY

Los Angeles General Medical Center is committed to providing quality care to all its patients. Risk for pressure injury development will be evaluated upon admission to a nursing care unit as indicated using the age appropriate Braden scale, appropriate tool, or procedure. Based on assessment, a plan of care will be developed and implemented using appropriate prevention and treatment interventions (see appendices). The primary care provider shall be informed of patient skin integrity issues and documented in the patient's medical record.

PROCEDURE

1. Assessment/Reassessment:

- a. Use age appropriate Braden Scale on all inpatients, to assess for pressure injury risk (refer to Appendix A):
 - Utilize Braden Scale for patients greater than 8 years old
 - Braden Q scale for patients 21 days old up to 8 years old.
 - -On admission
 - -Daily
 - -Transfers
 - -PRN (e.g., Decline in patient condition)
 - -After prolonged procedure/ surgery (longer than 2 hours)
- b. Skin assessment, on ALL patients, which includes a head-to-toe physical inspection of the skin.
 - Frequency Minimum (May do more frequently based on patient condition)
 - Every 4-hours (ICUs)
 - o Adult
 - Pediatric
 - Neonatal

		Page	2	Of	7
Subject: PRESSURE INJURY PREVENTION AND	Effective Date: 02/24	Policy # 805			
WOUND MANAGEMENT	Initials: (signature on file)				

- Every shift (Level 1 & 2 Nursery/Rooming-in/Ward/Progressive Care)
 - Adult
 - o Pediatric
 - Newborn/Infant
- Daily (Behavior Health)
- On Admission and Transfer, "Four Eyes" with 2 licensed professionals" (Two RNs or One RN/One provider)
- Preventive/Protective padding placed over intact, non-broken skin are temporarily removed when performing a skin inspection.
- Therapeutic/Immobilization devices, e.g. cervical collars, trach collar, boots, braces, halo vests, and thoracic lumbosacral orthoses (TLSOs), may require a physician's order prior to removal. The device is still to be checked for tightness around skin and bony prominences, moisture, surrounding skin status, and patient comfort.
- Return from prolonged procedures/surgeries
- When there is a decline in patient's condition
- Per primary care provider order

2. Plan of Care:

RNs initiate Interdisciplinary Plan of Care (IPOC), related to skin integrity, for patients with actual or at risk for (Braden Score of 16 or less) impaired skin integrity. Licensed vocational nurses, nursing attendants, and student nurse workers are to collaborate with the RN ensuring the plan of care compliments the patient's needs and interventions are carried out.

3. PRESSURE INJURY PREVENTION INTERVENTIONS:

- a. Braden Scale for predicting Pressure risk (Appendix A)
- b. DHS: SSKIN-MED Pressure Injury Prevention Bundle (Appendix B)
- c. DHS Heel Offloading Criteria (Appendix C)
- d. DHS Pressure Redistributing Cushion Criteria: WAFFLE cushion usage (Appendix D)
- e. DHS Bed Criteria: WAFFLE® Overlay Usage (Appendix E)
- f. DHS Bed Criteria: WAFFLE® Overlay ED Usage (Appendix F)
- g. DHS Bed Criteria: Facility Owned (Appendix G)
- h. DHS Bed Criteria: Rentals (Appendix H)

4. Treatment/Equipment Interventions

- a. Treat the underlying wound etiology
- b. Wounds- start initial treatment based on the DHS facility Wide Wound Care Quick Reference Guide (Appendix I)
- c. When "Do not turn" orders are in place:
 - Reassess the patients stability to be turned, if patient tolerates, notify the provider to discontinue "Do not turn" order.
- d. Refer to DHS Pressure redistributing Cushion Criteria: WAFFLE cushion usage (Appendix D)

		Page	3	Of	7
PRESSURE INJURY PREVENTION AND	Effective Date: 02/24	Policy # 805			
	Initials: (signature on file)				

- e. Refer to DHS Bed Criteria: WAFFLE® Overlay (Appendix E)
- f. Refer to DHS Bed Criteria: WAFFLE® Overlay ED usage (Appendix F)
- g. Refer to DHS Bed Criteria: Facility Owned (Appendix G)
- h. Refer to DHS Bed Criteria: Rentals (Appendix H)

5. PHOTOS

a. On admission when admitted with skin impairment, upon discovery of a new skin impairment, when significant changes occur and within a week of discharge or transfer to outside facility. Photograph must include medical record number, date and time.

6. NOTIFICATIONS

- a. Primary Care Provider (Not Limited To):
 - Wound/Skin abnormalities present on admission and upon discovery
 - Deterioration of existing wound/skin abnormality
 - Need for possible debridement
 - · Signs of infection
 - Orders for wound treatment

7. CONSULTS

- a. Wound Nurse (WN) for Community Acquired Pressure Injuries (CAPI)
 - Stage 2 and Deep Tissue Pressure Injuries (DTPI)
- b. WN for Hospital Acquired Pressure Injuries (HAPI)
 - Stage 2 and Above

8. COLLABORATE

• With providers for interdisciplinary consults, as appropriate.

9. DOCUMENTATION

- a. In accordance with "Documentation" standards
- b. Interdisciplinary Plan of Care (IPOC)
- c. All pertinent information related to skin abnormalities
- d. Pressure injury prevention interventions
- e. Bed Type/Surface
- f. Photos taken
- g. Provider that was notified
- h. Patient/Care Giver/Family Education

10.ATTACHMENTS

DHS PIP & Wound Management Algorithm (Attachment I)
Braden Scale for Predicting Pressure Sore Risk © (Appendix A)
DHS: SSKIN-MED Pressure Injury Prevention Bundle (Appendix B)

		Page	4	Of	7
Subject: PRESSURE INJURY PREVENTION AND	Effective Date: 02/24	Policy #	# 805		
WOUND MANAGEMENT	Initials: (signature on file)				

DHS Heel Offloading Criteria (Appendix C)

DHS Pressure Redistribution Cushion Criteria: WAFFLE® Cushion Usage (Appendix D)

DHS Bed Criteria: WAFFLE® Overlay Usage (Appendix E)

DHS Bed Criteria: WAFFLE® Overlay ED Usage (Appendix F)

DHS Bed Criteria: Facility Owned (Appendix G)

DHS Bed Criteria: Rentals (Appendix H)

DHS Facility Wide Wound Care Quick Reference Guide (Appendix I)

<u>REFERENCES</u>

Aderibigbe, B.A. & Buyana, B. (2018). Alginate in wound dressings. Pharmaceutics, 10(2), 1-19.

Agency for Healthcare Research and Quality (AHRQ) (2017). Preventing pressure injuries in hospitals: Module 1-understanding why change is needed.

Preventing Pressure Ulcers in

Hospitals Toolkit. Retrieved on 6/30/21 from: https://www.ahrq.gov/patientsafety/settings/hospital/resource/pressure-injury/index.html

Braden, B. & Bergstrom, N. (1988). The Braden scale for predicting pressure sore risk. Reprinted with permission. All rights reserved. 2019.

Bergstrom, N., Braden, B., Laguzza, A., & Holman, V. (1987). The Braden scale for predicting pressure sore risk, Nursing Research, 36(4), 205-208.

Bergstrom, N., Braden, B., Kemp, M., Champagne, M., & Ruby, E. (1998). Predicting pressure ulcer risk: A multisite study of the predictive validity of the Braden scale. Nursing Research, 47(5), 261-269.

Black, J., Berke, C., & Urzendowski, G. (2012). Pressure ulcer incidence and progression in critically ill subjects. Journal of Wound Ostomy Continence Nurses. 39(3), pp. 267-273.

Braden, B. (2012). The Braden Scale for predicting pressure sore risk: reflections after 25 years. Advances in Skin & Wound Care, 61.

Brett, D.W. (2006). A review of moisture-control dressings in wound care. Journal of Wound Ostomy Continence Nursing, 33(65), 53-58.

Brett, D. W. (2006). Impact on exudate management, maintenance of a moist wound environment, and prevention of infection. Journal of Wound Ostomy Continence Nursing, 33(65), 59-S14.

Brindle, C.T., Malhotra, R., O'Rourke, S., Currie, L., Chadwik, D., et al. (2013). Turning and repositioning the critically ill patient with hemodynamic instability: a literature review and

		Page	5	Of	7
Subject:	Effective Date: 02/24	Policy #	# 805		
PRESSURE INJURY PREVENTION AND WOUND MANAGEMENT	Initials: (signatur	e on file	e)		

consensus recommendations. Journal Wound Ostomy Continence Nursing. 40(3), 254-267.

Britto, E.J., Nezwek, T.A., & Robins, M. (2020). Wound dressings. In StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan-. Retrieved on 6/30/21 from: https://www.ncbi.nlm.nih.gov/books/NBK470199

Brothherton, A. (2020). BAPEN meets NHS Midlands and East for a focus on nutrition and hydration. British Association for Parenteral and Enteral Nutrition. Retrieved on 6/30/21 from: https://www.bapen.org.uk/nutrition-support/good-practice-in-nutritional-care/examples-of-goodpractice-in-nutritional-care/regional-settings/sskin-a-five-step-model-for-pressure-ulcerprevention

Campbell, N. (2016). Electronic SSKIN pathway. Reducing device-related pressure ulcers. British Journal of Nursing, 25(15), pp.S14-S26.

Edsberg, L.E., Black, J.M., Goldberg, M., McNichol, L., Moore, L., et al. (2016). Revised National Pressure Ulcer Advisory Panel pressure injury staging system. Journal of Wound Ostomy Continence Nursing, 43(6), 585-597.

EHOB (2015). Call out images and product references. Provided with permission for educational purposes to County of Los Angeles Department of Health Services. All rights reserved. 2020.

European Pressure Ulcer Advisory Panel, National Pressure Injury Advisory Panel and Pan Pacific Pressure Injury Alliance (2019). Prevention and Treatment of Pressure Ulcers/Injuries: Quick Reference Guide 2019. Emily Haesler (Ed.). Cambridge Media: Osborne Park, Australia.

Gadd, M.M. (2014). Braden scale cumulative score versus subscale scores: are we missing opportunities for pressure ulcer prevention? Journal of Wound Ostomy Continence Nurses, 41(1), 86-89.

Gadd, M.M. & Morris, S.M. (2014). Use of the Braden scale for pressure ulcer risk assessment in a community hospital setting: the role of total score and individual subscale scores in triggering preventive interventions. Journal of Wound Ostomy Continence Nurses, 41(6), 535-538Hill-Rom (2017). Hill-Rom rental therapy.

Hill-Rom (2016). Solutions for your patient's needs.

Hill-Rom (2012). Science of surfaces: The science behind therapeutically effective surfaces.

Lisco, C.M. (2014). Understanding static air from: patient care to patient spend. EHOB. McCoulough, S. (2016), Adapting a SSKIN bundle for carers to aid identification of pressure damage and ulcer risks in the community. Community Wound Care, S19, pp.S18-25

		Page	6	Of	7
PRESSURE INJURY PREVENTION AND	Effective Date: 02/24	Policy # 805			
	Initials: (signature on file)				

McNichol, L., Watts, C., Mackey, D., Beitz, J.M., & Gray, M. (2015). Identifying the right surface for the right patient at the right time: generation and content validation of an algorithm for support surface selection. Journal of Wound Ostomy Continence Nurses. 42(1), pp.19-37.

Medline Industries (2012). Remedy advanced skin care system. MKT1220971.

Moore, A. (2012). Reduce the pressure. Nursing Standard, 27(9), pp.18-20

National Pressure Injury Advisory Panel (NPIAP) (2020). Pressure Injury Prevention Points. Retrieved on 6/30/21 from

https://cdn.ymaws.com/npiap.com/resource/resmgr/online_store/1a._pressure-injurypreventi.pdf

National Pressure Injury Advisory Panel (NPUAP) (2016). NPIAP Pressure Injury Stages. Retrieved on 6/30/21 from

https://cdn.ymaws.com/npiap.com/resource/resmgr/online_store/npiap_pressure_injury_stages_pdf

National Pressure Injury Advisory Panel (NPIAP) (2020). Best Practices for Prevention of Medical Device-Related Pressure Injuries. Retrieved on 6/30/21 from https://npiap.com/page/MDRPI-Posters

National Pressure Injury Advisory Panel Support Surface Standards Initiative (S3I) (2019). Terms and definitions related to support surfaces. Retrieved on 6/30/21 from: https://cdn.ymaws.com/npiap.com/resource/resmgr/s3i/10-23 Terms and Defs 2019 We.pdf

Roberts, M.J. (2007). Preventing and managing skin tears: a review. Journal of Wound Ostomy Continence Nursing, 34(3), 256-259.

Noonan, C. Quigley, S., & Curely, M. (2011). Using the Braden Q scale to predict pressure ulcer risk in pediatric patients. Journal of Pediatric Nursing. 26(6), 566-575.

The Joint Commission (2016). Preventing pressure injuries. Quick Safety: And advisory on safety and quality issues, 55, 1-4. Retrieved on 6/30/21 from https://www.jointcommission.org/assets/1/23/Quick_Safety_Issue_25_July_20161.PDF Whitlock, J.

Whitlock, J. (2013). SSKIN bundle: preventing pressure damage across the health-care community. Wound Care, pp32-S39

Wound Ostomy and Continence Nursing Society. (2017). Position Paper: Avoidable versus Unavoidable Pressure Ulcers (Injuries). Retrieved on 6/30/21 from https://cdn.ymaws.com/member.wocn.org/resource/resmgr/document_library/Avoidable_vs._Unavoidable_Pr.pdf

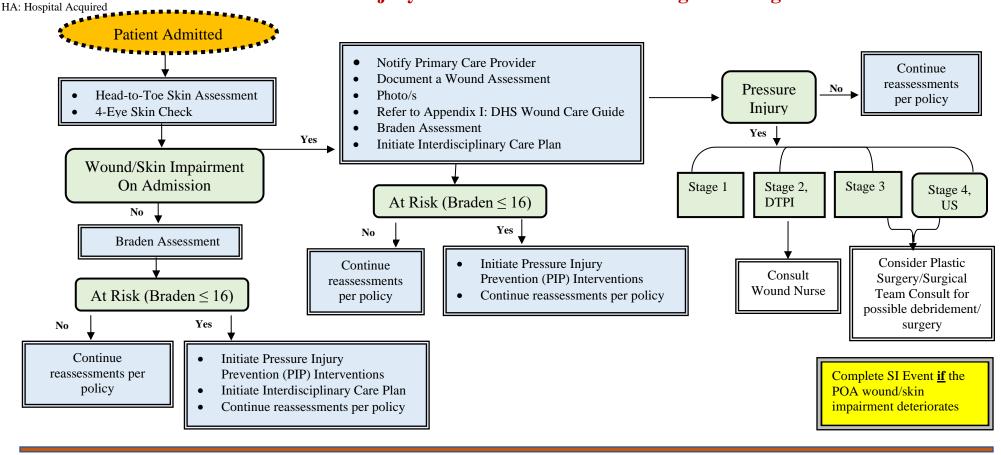
		Page	7	Of	7
Subject: PRESSURE INJURY PREVENTION AND	Effective Date: 02/24	Policy #	# 805		
WOUND MANAGEMENT	Initials: (signature on file)				

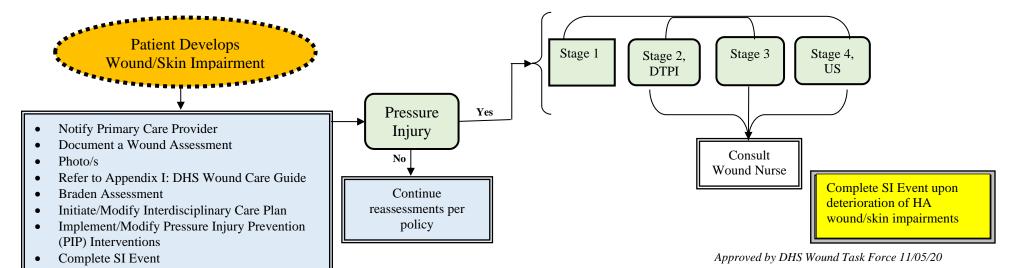
Wound, Ostomy, and Continence Nurses Society. (2016). Guideline for prevention and management of pressure ulcers (injuries). WOCN Clinical Practice Guideline series 2. Mt. Laurel, NJ: Author.
Zhang, L., Yin, H., Lei, X., Lau, J.N.Y, Mingzhou, Y., et al. (2019). A systematic review and meta- analysis of clinical effectiveness and safety of hydrogel dressings in the management of skin wounds. Frontiers in Bioegineering and Biotechnology, 21(7), 1-16.
REVISION3
9/10, 01/14, 01/17, 11/17, 4/22, 02/24

US: Unstageable

POA: Present on Admission

DHS Pressure Injury Prevention & Wound Management Algorithm





Braden Scale for Predicting Pressure Sore Risk

Sensory perception Ability to respond meaningfully to pressure- related discomfort Moisture Degree to which skin is exposed to moisture	1. Completely limited: Unresponsive (does not moan, flinch, or grasp) to painful stimuli, due to diminished level of consciousness or sedation, OR limited ability to feel pain over most of body surface. 1. Constantly moist: Skin is kept moist almost constantly by perspiration, urine, etc. Dampness is detected every time patient is moved or turned.	2. Very limited: Responds only to painful stimuli. Cannot communicate discomfort except by moaning or restlessness, OR has a sensory impairment which limits the ability to feel pain or discomfort over 1/2 of body. 2. Moist: Skin is often but not always moist. Linen must be changed at least once a shift.	3. Slightly limited: Responds to verbal commands but cannot always communicate discomfort or need to be turned, OR has some sensory impairment which limits ability to feel pain or discomfort in 1 or 2 extremities. 3. Occasionally moist: Skin is occasionally moist, requiring an extra linen change approximately once a day.	4. No impairment: Responds to verbal commands. Has no sensory deficit which would limit ability to feel or voice pain or discomfort. 4. Rarely moist: Skin is usually dry; linen requires changing only at routine intervals.
Activity Degree of physical activity	1. Bedfast: Confined to bed.	2. Chairfast: Ability to walk severely limited or nonexistent. Cannot bear own weight and/or must be assisted into chair or wheel chair.	3. Walks occasionally: Walks occasionally during day but for very short distances, with or without assistance. Spends majority of each shift in bed or chair.	4. Walks frequently: Walks outside the room at least twice a day and inside room at least once every 2 hours during waking hours.
Mobility Ability to change and control body position	1. Completely immobile: Does not make even slight changes in body or extremity position without assistance.	2. Very limited: Makes occasional slight changes in body or extremity position but unable to make frequent or significant changes independently.	3. Slightly limited: Makes frequent though slight changes in body or extremity position independently.	4. No limitations: Makes major and frequent changes in position without assistance.
Nutrition Usual food intake pattern	1. Very poor: Never eats a complete meal. Rarely eats more than 1/3 of any food offered. Eats 2 servings or less of protein (meat or dairy products) per day. Takes fluids poorly. Does not take a liquid dietary supplement, OR is NPO[1] and/or maintained on clear liquids or IV[2] for more than 5 days.	2. Probably inadequate: Rarely eats a complete meal and generally eats only about 1/2 of any food offered. Protein intake includes only 3 servings of meat or dairy products per day. Occasionally will take a dietary supplement, OR receives less than optimum amount of liquid diet or tube feeding.	3. Adequate: Eats over half of most meals. Eats a total of 4 servings of protein (meat, dairy products) each day. Occasionally will refuse a meal, but will usually take a supplement if offered, OR is on a tube feeding or TPN[3] regimen, which probably meets most of nutritional needs.	4. Excellent: Eats most of every meal. Never refuses a meal. Usually eats a total of 4 or more servings of meat and dairy products. Occasionally eats between meals. Does not require supplementation.
Friction and shear	1. Problem: Requires moderate to maximum assistance in moving. Complete lifting without sliding against sheets is impossible. Frequently slides down in bed or chair, requiring frequent repositioning with maximum assistance. Spasticity, contractures, or agitation leads to almost constant friction.	2. Potential problem: Moves feebly or requires minimum assistance. During a move skin probably slides to some extent against sheets, chair, restraints, or other devices. Maintains relatively good position in chair or bed most of the time but occasionally slides down.	3. No apparent problem: Moves in bed and in chair independently and has sufficient muscle strength to lift up completely during move. Maintains good position in bed or chair at all times.	

Copyright 1988, Barbara Braden and Nancy Bergstrom. Reprinted with permission. Permission to use the tool can be obtained by e-mailing Barbara Braden at bbraden@creighton.edu or Nancy Bergstrom at nbergstr@admin4.hsc.uth.tmc.edu.

DHS: SSKIN-MED Pressure Injury Prevention Bundle



S - Skin Inspection and Risk Assessment (Braden)

- Perform a thorough head-to-toe skin inspection.
 - Check skin under hair, on bony prominences and under medical devices.
 - o Use proper lighting.
 - Separate skin folds.
 - o Palpate for moisture and induration.
- Perform risk assessment scale (Braden) to identify risk fact.



S – **Support Surfaces**

- Include mattresses, wheelchair cushions and any therapeutic surfaces.
- Minimize layers of linen under patient <u>less is best!</u>



K - Keep Moving/Turning

- Turn/reposition every 2 hours while in bed, gurneys, etc.
- For independent patients, encourage them to perform pressure relief every 15 to 20 minutes when in chair. For dependent patients, assist them to perform pressure relief every hour for 2 full minutes.
- Offload bony prominences or pressure areas (e.g. heels, sacrum-coccyx).
- Attempt micro shifts for patients with "Do Not Turn" order as condition allows.



I - Incontinent and Moisture Management

- Keep skin clean and protected from stool, urine, and wound drainage.
- Apply skin barrier creams/paste/film to incontinent patients.
- Keep skin moisturized to avoid very dry skin.
- Do NOT use diapers when patient is in bed.



N - Nutrition and Hydration

- Encourage and monitor food and fluid intake: protein, supplements, and water.
- Consult dietician as needed



M – Medical Devices and Devices

- Check for tightness under straps.
- Stabilize tubes/devices.
- Pad under devices.
- Assess skin under and around medical devices every shift (Remove devices to assess if appropriate).
- Ensure correct fit/size.
- Question use of device and if still medically needed.
- Ensure skin is in optimal condition (e.g. moisturized).



E – Educate Patient and Caregiver

Provide teaching and hands-on materials to both patient and caregivers.



D – **Documentation**

 Assessments, individualized interventions, patient non-adherence and patient/caregiver response to be documented in electronic health record (EHR) and plan of care as appropriate.

DHS Heel Offloading Criteria

If Patient NOT able to lift foot AND

Presents with one of the following:

- At risk for foot drop
- Mild to moderate foot drop
- On vasopressors (hemodynamically unstable)
- Current pressure injuries on heel

Use TruVue® Boot



1	H. S. H.		
	677	SIZES	
	Petite	Standard	X-Large
	Calf measures	Calf measures	Calf measures
	7"-12.5"	13"-18"	18.5"-25.5"
	TRUVUEPW060	TRUVUESW060	TRUVUEXL060

- Remove TruVue® boot for skin inspection every shift.
- Discontinue when no longer medically needed.

If Patient ABLE to lift foot OR

Presents with one of the following:

- Lower extremity contracture/s
- Severe foot drop
- Severe spasticity
- Peripheral Vascular Disease

Use Pillow



DHS Pressure Redistribution Cushion Criteria

WAFFLE® Cushion Usage

Use to Provide Comfort, Prevention and Healing of Pressure Injuries in At-Risk Patients

Some Indications for Use

Single patient use

- At Risk patients or a history of pressure injury (PI) on sacrum, coccyx or ischial tuberosities
- Prevention of pressure injuries and comfort for seated patients
- For patients during chemotherapy, hemodialysis or other procedures requiring patients to sit for prolonged periods of time
- For patients with but not limited to: Post perineal, Gynecological, Colorectal and Urological surgeries
- Behind the back of patients with spinal abnormalities (e.g. kyphosis, cachexia)
- Can be used for prevention and healing of all pressure injuries and wounds in various locations (e.g. behind head, elbows)

Sitting Precautions

Patient should shift or lift their body weight every 15-20 minutes; however, patients should not sit longer than 2 hour intervals

Proper Inflation

Before use test for accurate inflation: roll the cushion past the first set of holes, stopping before the second set of holes.

Cushions should appear to be 60% full



Alternate Uses









WAFFLE® Cushion,

Weight capacity: 300 lbs. Flame retardant. Antimicrobial/Antifungal



WAFFLE® Bariatric Cushion, 2400WCV:

Weight capacity: 700 lbs.

Flame retardant • Antimicrobial/Antifungal

Cushions come pre-inflated and can be wiped clean with approved facility germicidals.

Cover the cushion with a pillowcase for added patient comfort. Label cushion with patient's name.

Cushions should stay with the patient throughout the hospital and be sent home upon discharge. At home patient may clean with soap and water.

For Rancho Spinal Cord Injuries (SCI): Follow SCI wheelchair sitting program

DHS Bed Criteria

WAFFLE® Overlay Usage

Use to Provide Comfort, Prevention and Healing of Pressure Injuries in At-Risk Patients

Some Indications for Use

- Pressure injuries of any stage
- Complex wounds
- Unable to reposition self due to cognitive or physical impairment
- Elderly/Frail
- Hemodynamically unstable
- Multisystem trauma
- Cachexia or Obesity
- Intractable pain
- Stable Spinal Cord Injury / Fracture

Considerations

- Can be used for safe patient handling and transfers
- Can be used during CT Scans, MRIs and is radiolucent for X-ray
- Can be placed on most surfaces (e.g. beds, gurneys, OR tables)

Proper Inflation

Place patient on noninflated overlay then add air and perform a hand check. Perform a hand check each shift and after every adjustment of air to check for over inflation or "bottoming out". Place hand, palm side up, under overlay. Use fingers to tap upward to feel approximately ¼ inch air inflated within the cushion directly under the patient's sacrum/tailbone.







Single patient use



WAFFLE[®] Overlay, 1005ECP: Weight capacity: 600 lbs.



WAFFLE[®] Overlay, 1076BMPX020: Weight capacity: 800 lbs.

Antimicrobial • Antifungal • Flame Retardant

Single patient use:

- Label overlay and pump with patient's name
- Both overlay and pump should stay with the patient throughout the hospital and be sent home upon discharge

Cleaning:

- Can be cleaned with any hospital germicidal wipes
- Operating Room/Special Procedures: if heavily soiled with body fluids after initial cleaning, discard and replace
- At home patient may clean with soap and water

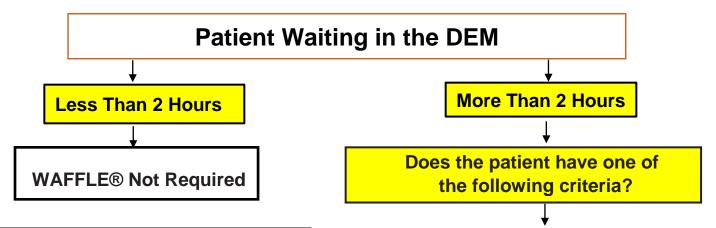


04/30/20

DHS Bed Criteria Department of Emergency Management

WAFFLE® Overlay Usage

Use to Provide Comfort, Prevention and Healing of Pressure Injuries in At-Risk Patients



Considerations:

- Can be used for safe patient handling and transfers
- Can be used during CT Scans, MRIs and is radiolucent for X-ray
- Can be placed on most surfaces (e.g. beds, gurneys, OR tables)

Proper Inflation:

Perform a hand check each shift and after every adjustment of air. To check for "bottoming out", place hand palm side up, under overlay beneath patient's sacrum/tailbone. Use fingers to tap upward to feel approximately 1/4 inch air inflated within the cushion directly under the patient's sacrum/tailbone

Single patient use:

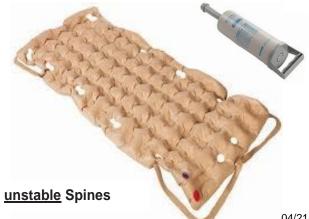
- Label overlay and pump with patient's name
- Both overlay and pump should stay with the patient throughout the hospital and be sent home upon discharge. At home patient may clean with soap and water.

Cleaning:

- Can be cleaned with any hospital germicidal wipes
- Operating Room/Special Procedures: if heavily soiled with body fluids after initial cleaning, discard and replace

- Pressure injury of any stage
- Unable to reposition due to cognitive or physical impairment
- **Stable** spinal cord injury / Fractures
- Came in with one of the following:
 - ✓ Elderly/Frail/Malnourished
 - ✓ Unresponsive
 - ✓ Unable to breathe without assistance
 - √ Found down
 - ✓ Hemodynamic instability
 - ✓ Multisystem trauma
 - ✓ Dehydration
 - ✓ Decreased pain awareness
 - ✓ Obesity/Cachexia

Place patient on a WAFFLE® Overlay



Contraindications: Do not use for patients with unstable Spines

DHS BED CRITERIA: (Facility Owned)

Pressure Redistribution

AccuMax

(500lbs max)

Centrella Pro (500lbs max)



Criteria For Use

- Non-powered mattresses
- Prevention of pressure injuries
- Treatment of Stage 1-2 (on extremities)
- Non-complex and conservative pressure injury management

If beds owned by the facility are being used in conjunction with WAFFLE ® Overlay and are still not meeting patient goals, refer to "DHS Bed Criteria: (Rentals)" Appendix H.

For patients with unstable spine/fractures follow facility protocols.

WAFFLE ® Mattress Overlay

- Prevention for increased risk
- Treatment of multiple Stage 1-4, DTPI, & unstageable on torso (e.g. back, trochanter, sacrococcyx)
- Elderly, cachectic, malnourished, frail
- Unable to self-turn
- HOB consistently greater than 30 degrees
- **STABLE** spinal injury / fractures

Pressure Redistribution & Advanced Microclimate

P500

(Max Length: 84")



(Max Length: 98.7")



(Max Length: 93")



(Max Length: 88")



Criteria For Use

- Low air loss integrated mattresses
- May be used on high risk patients
- Used for single/multiple Stage 3-4
- Excessive unresolved perspiration/incontinence issues
- Total Care Sport & Progressa have pulmonary features
- Progressa are used primarily in ICU and may also be used in other units as directed by each hospital protocol
- Maximum weight of 500 pounds



ADD



WAFFLE ® Mattress Overlay

- When mattress is not meeting patient goals
- Treatment multiple Stage 1-4, DTPI,& unstageable.
- HOB consistently greater than 30 degrees
- Multisystem Trauma
- **STABLE** spinal injury / fractures

Bariatric Pressure Redistribution & Advanced Microclimate



TotalCare Bariatric (500lbs max)



Compella (1000lbs max)

Criteria For Use

- Obese or wide girth
- TotalCare Bariatric (Width expands to 40")
- Compella (Width expands to 50")



WAFFLE ® Bariatric Mattress Overlay

- When mattress is not meeting patient goals
- 800 lbs. max
- **STABLE** spinal injury / fractures



DHS BED CRITERIA: (Rentals)

Rent one of these: If facility owned bed with WAFFLE ® Overlay is not meeting patient goals.

Pressure Redistribution & Advanced Microclimate

Envision

(400 lbs max)



Criteria For Use

- Mattress fits VersaCare and flat deck bed frames
- Treatment of multiple/complex stage 3 & 4, extensive Unstageable and DTPI

Envella

Air Fluidized Therapy (350 lbs max)



Criteria For Use

- Extensive Stage 3, 4, Unstageable and DTPIs
- Immediate post flap/grafts of major turning surface
- Very contracted with intractable pain
- <u>Burns management</u> by BURN Unit physician criteria
- Max length 74"

Bariatric

Pressure Redistribution & Advanced Microclimate

TotalCare Bariatric

(500 lbs max)



Criteria For Use

- Prevention & treatment of pressure injuries
- Turn assist
- Full Chair position
- Continuous Lateral Rotation Therapy (CLRT)
 & Trapeze (optional when ordering)
- Adjustable length to 72-84"
- Width expands to 40"

Compella Bariatric

(1000 lbs max)



Criteria For Use

- Prevention & treatment of pressure injuries
- Turn assist
- Continuous Lateral Rotation Therapy (CLRT) & Trapeze (optional when ordering)
- Adjustable length to 88"
- Width expands to 40-50"

OHS Facility	y Wide Wound	Care Quick	Reference	Guide
--------------	--------------	-------------------	-----------	-------

Incontinence Assoc Dermatitis (IAD)	Fungal Dermatitis	Skin Tear	Intact Skin	Partial Thickness Wounds		Full Thickness V	Deep Tissue Pressure Injuries (DTPI)	
			Stage 1 Pressure Injury	Stage 2 Pressure Injury	Bulla (Serous Blister)	Stage 3 Pressure Injury Stage 4 Pressure Injury	Unstageable Pressure Injury	
<u>. </u>		Treatment Object	ives: If it's wet, a	absorb it. If it's dr	y, moisten it but p	rotect the wound.		
Protect	Protect	Protect	Offload pressure	Offload pressure	Offload pressure	Offload press		Offload pressure
Treat cause Turn schedule	Treat cause Separate skin folds	Treat cause Maintain drainage	Turn schedule Moisturize skin	Manage drainage Turn schedule	Manage drainage Turn schedule	Manage drair Turn schedi		Protect Turn schedule
rum schedule	Separate skiri lolus	Maintain drainage		ents & Dressing Ch		Turri scrieut	ше	Turri scriedule
Apply a protective skin barrier when incontinence first identified. Gently cleanse and apply protective skin barrier every episode Examples: Calazime Nutrashield Calmoseptine Cavilon Clear Aide Touchless Care Zinc Oxide A&D ointment	Intact or Non-Intact Cleanse the skin prior to each application. Apply antifungal cream, ointment or antifungal powder BID and PRN. Requires provider's order Separate skin folds to decrease moisture Decrease skin to skin contact with a barrier such as non-adherent or soft woven gauze.	Tear with Flap Approximate flap, cover with a contact layer then cover with secondary dressing Change daily and PRN. Contact Layers: Adaptic Xeroform Vaseline Tear Without Flap Cover with: Foam if drainage Change q 3 days and PRN. Transparent film if no drainage & non-fragile skin. Allow to fall off naturally If fragile skin use contact layer with secondary dressing.	Apply moisturizing cream daily and PRN Examples: • Remedy Skin Cream Moist Skin Apply protective skin barrier PRN Friction Areas Apply barrier film daily and PRN. Examples: • Cavilon Or Apply transparent film to non-fragile skin q 3 days and PRN Device Related erythema Apply barrier film and protective padding daily and	Apply hydrocolloid or foam. Change q 3 days and PRN Hydrocolloids: RepliCare CombiDERM Duoderm Restore Moderate-Heavy Drainage Apply non-adhesive or adhesive foam. Change q 3 days and PRN Areas Exposed to Stool/Urine (Intact & Non-Intact) Apply protective skin barrier every episode.	Apply Cavilon barrier film daily and leave open to air or Apply a Contact Layer (unfold to a single layer and cut to size) cover with gauze. Change daily & PRN Drainage Apply contact layer with secondary dressing. Change daily and PRN.	Wound Drainage None – Minimal Drainage Apply hydrogel and contact layer then cover with gauze. If cavity is present, impregnate filler (e.g. gauze roll, packing strip) with the hydrogel. Change daily and PRN. Examples: SoloSite IntraSite NuGel Moderate – Heavy Drainage Apply calcium alginate and cover with foam (q3 days & PRN) or gauze/ABD pad (daily & PRN). If cavity is present and filler is needed select appropriate calcium alginate form (e.g. rope, roll, ribbon). Calcium Alginate examples: Algisite M KaltoSTAT Microside Strip	Unstageable Pressure Injury Stable Eschar (non-infected) Apply Cavilon barrier film daily and leave open to air • Do Not Remove eschar • Do Not moisten • Do Not apply foam Unstable Eschar/Slough (non-infected) Apply transparent film (q3 days) or Hydrogel covered with gauze dressing (daily & PRN Consult Primary Provider: For consideration of sharp debridement if indicated	Intact Blood Blister Apply Cavilon barrier film daily and leave open to air or Apply a Contact Layer (unfold to a single layer and cut to size) cover with gauze. Change daily & PRN Intact Skin (over dry areas) Apply moisturizing cream daily & PRN Intact or Non-Intact Skin Apply Cavilon barrier film daily and leave open to air Areas Exposed to Stool/Urine (Intact & Non-Intact) Apply protective skin barrier every episode.
Assess			tocol. Assess for sig	 ns and symptoms of wo	und infection, if ident	 iified notify primary provider. Ir	 spect integrity of dre	essing to verify that the
Perform	wound has not been exp Cleanse all wounds before		ressings/treatments	Label dressings with th	e date and time applie	ed.		
Please Note:		ve only as a guideline to				inclusive to the skin/wound ca	re available. Clinics a	and Home Health Revised 1.23.20