

Launch of revised Policy for the Prevention & Management of Pressure Damage & PURPOSE-T



Housekeeping

- **Add your name in the chat function** so your attendance can be taken and updated on your L&D portal.
- **Have your Camera on** to be FULLY PRESENT in the session.
- Add questions to the chat. Time at end to discuss.
- Please contribute when asked.
- **Please log yourself out at the end of the session.**

What we will cover:

- Why you're here.
- The skin & its barrier function.
- What is a pressure ulcer & who is at risk of them?
- Categorisation of pressure ulcers.
- PURPOSE-T PU Risk Assessment Tool.
- aSSKINg Framework for assessment & management.
- When to escalate.
- What now.

Why are we bothered about pressure ulcers?



Patient experience



- Commissioned by NHS England
- Pressure Ulcers are in the 'top ten harms'
- Evidence shows that unwarranted variation from evidence-based practice is a contributing factor
- Despite national & international clinical guidelines, there has been no up to date standardised pathway for implementing these guidelines in England

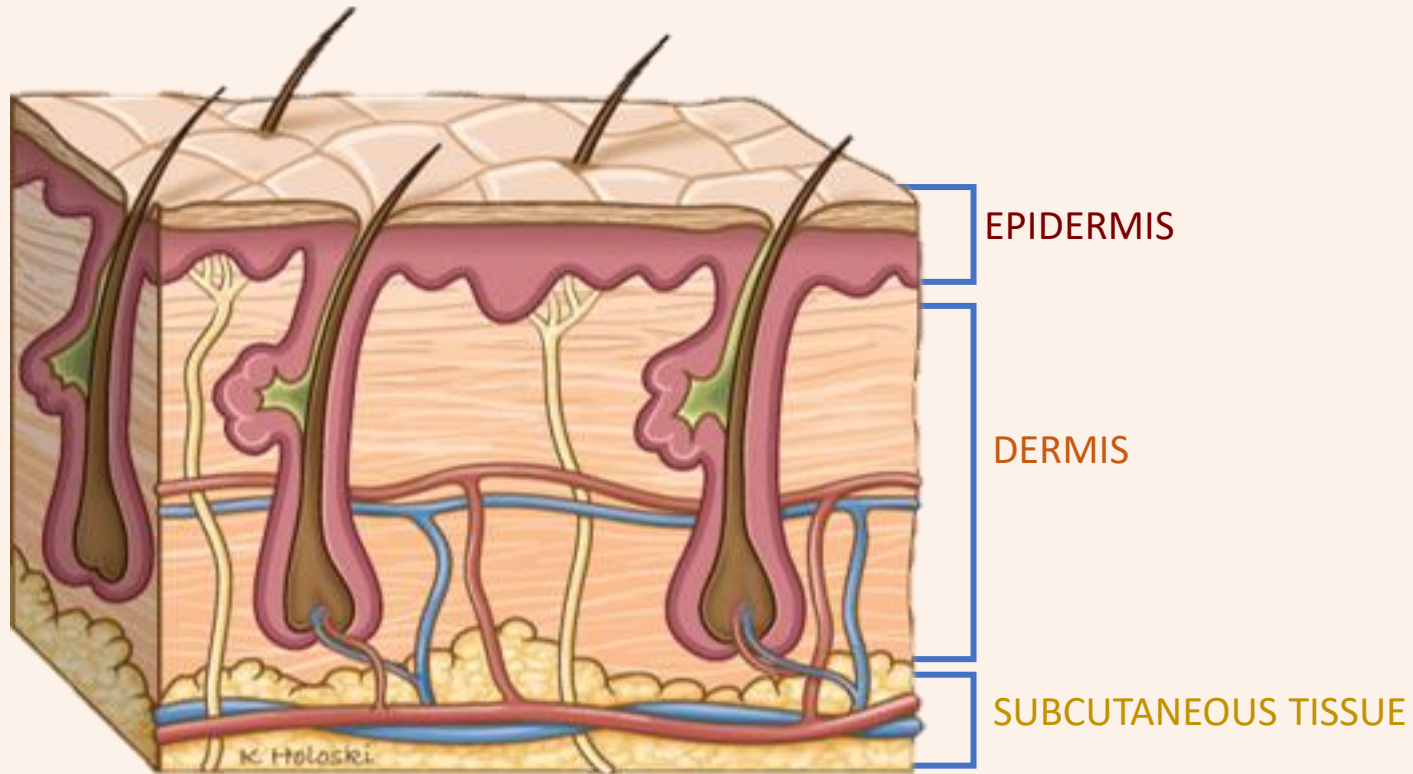
Key changes:

1. New pressure ulcer screening & risk assessment tool – **PURPOSE-T** will replace the Braden Tool
2. Everyone receiving care from a **health or care professional**
3. Use of the **aSSKINg care Bundle** to structure assessment and management



A ssessment of risk
S kin inspection and care
S upport surface selection and use
K eep your patient moving
I ncontinence and moisture care
N utrition and hydration management
G iving information

The Skin



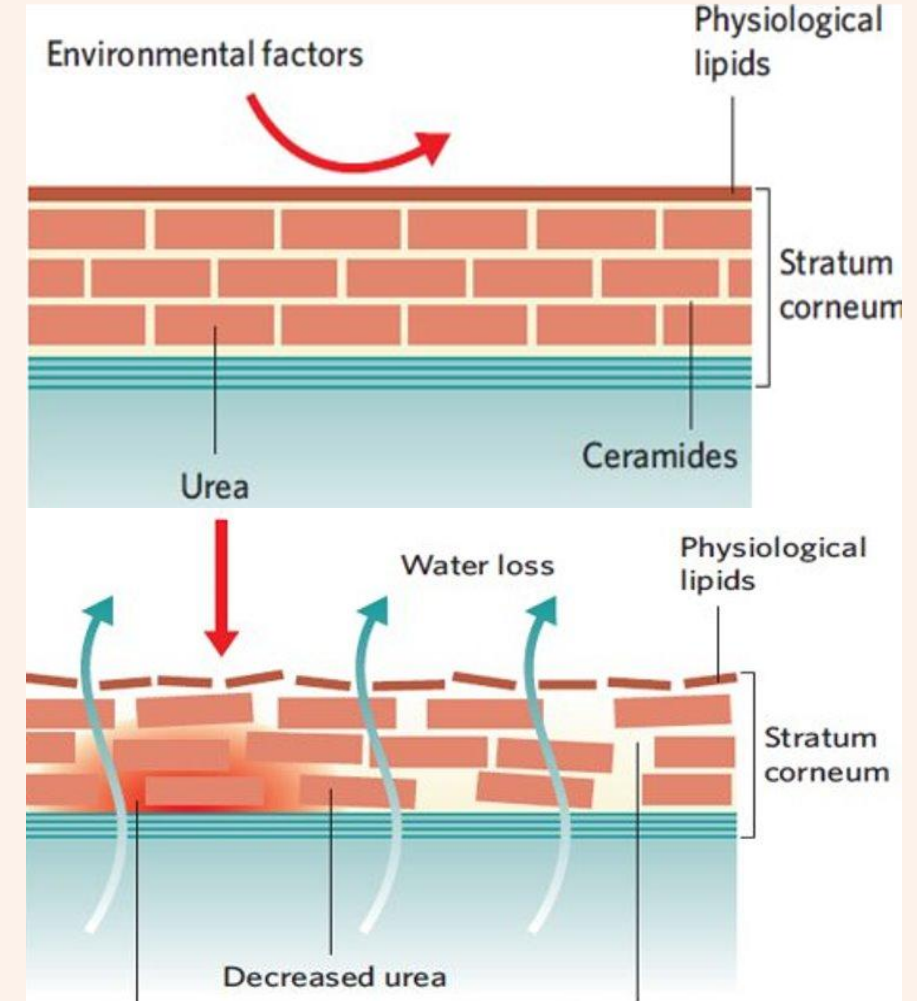
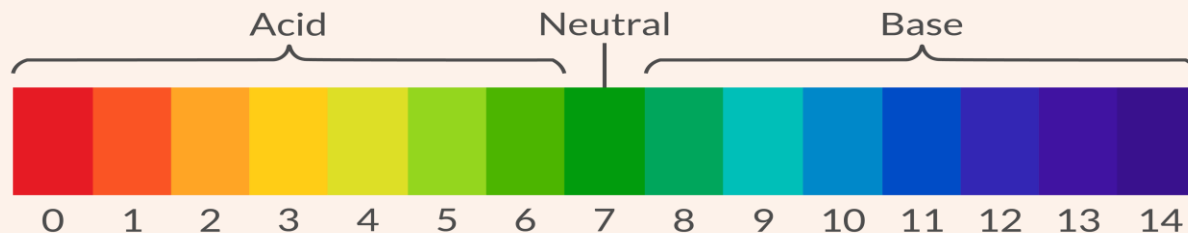
Acts as a Barrier

Barrier Function of the Skin:

The **Epidermis** is made up of 5 layers with the outer most being the **Stratum Corneum** acting as our barrier. The Stratum Corneum is made up of 'bricks' or keratinocytes and 'mortar' or lipid matrix full of ceramides.

Chemical Barrier – the acidic pH level in skin acts as the barrier against bacteria, the Acid Mantle.

Physical Barrier – the lipid matrix found in the stratum corneum, which prevents excessive water loss and avoid environmental factors permeating into the skin.



CHILDREN	ADULTS	OLDER ADULTS
Epidermis is 20-30% thinner than that of adults, making it more fragile.	Skin is thicker and more resilient	Epidermis thins and becomes more fragile, transparent and prone to tearing.
More sensitive and prone to irritation from external aggressors.	While still sensitive, it can tolerate stronger active ingredients	
Tends to lose moisture more quickly due to the thinner outermost layer & less oil/sebum.	Has a developed skin barrier that retains moisture more effectively.	Loss of oil and sweat gland function and natural moisturizing factors makes skin chronically dry & prone to itching.
Remarkable healing due to faster cell regeneration.		Slower healing rate due to aging process.

Impaired Barrier Function:

Factors Impairing Skin Barrier Function:

- Age - infants: immature barrier; elderly: reduced lipid production,
- Genetic predisposition,
- Underlying skin disease e.g. eczema,
- Atopy or allergic tendency,
- Chronic inflammation or infection,
- Hormonal changes,
- Nutritional deficiencies (essential fatty acids, zinc, vitamins),
- Systemic illness (diabetes, renal or liver disease),
- Medications (topical steroids misuse, retinoids, chemotherapy),
- Behavioural factors (frequent washing, hot showers, scratching),
- Psychological stress.

Why are emollients important?

- Reduces trans-epithelial water loss,
- Low in pH like the skin,
- Reduces eczema, infection, skin tears and moisture lesions,
- Hypoallergenic.

Urea-containing emollients:

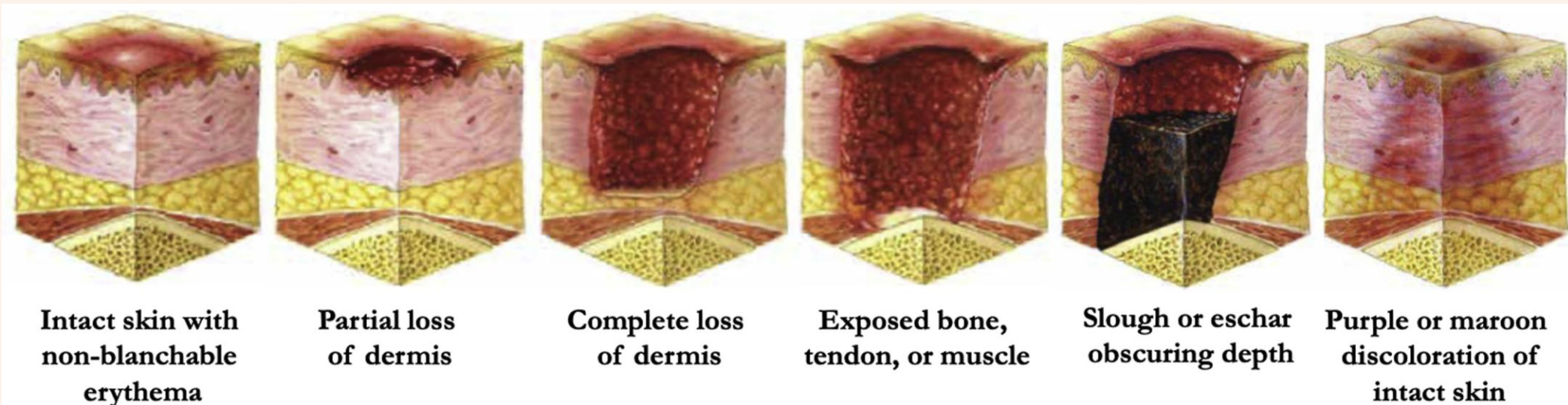
- Are important for older skin,
- Enables fluid absorption,
- Keeps cells well hydrated, reducing trans-epithelial water loss,
- Cells become more closely knitted together.
- Natural barrier function is repaired.

What is a Pressure Ulcer (Pressure Injury)?

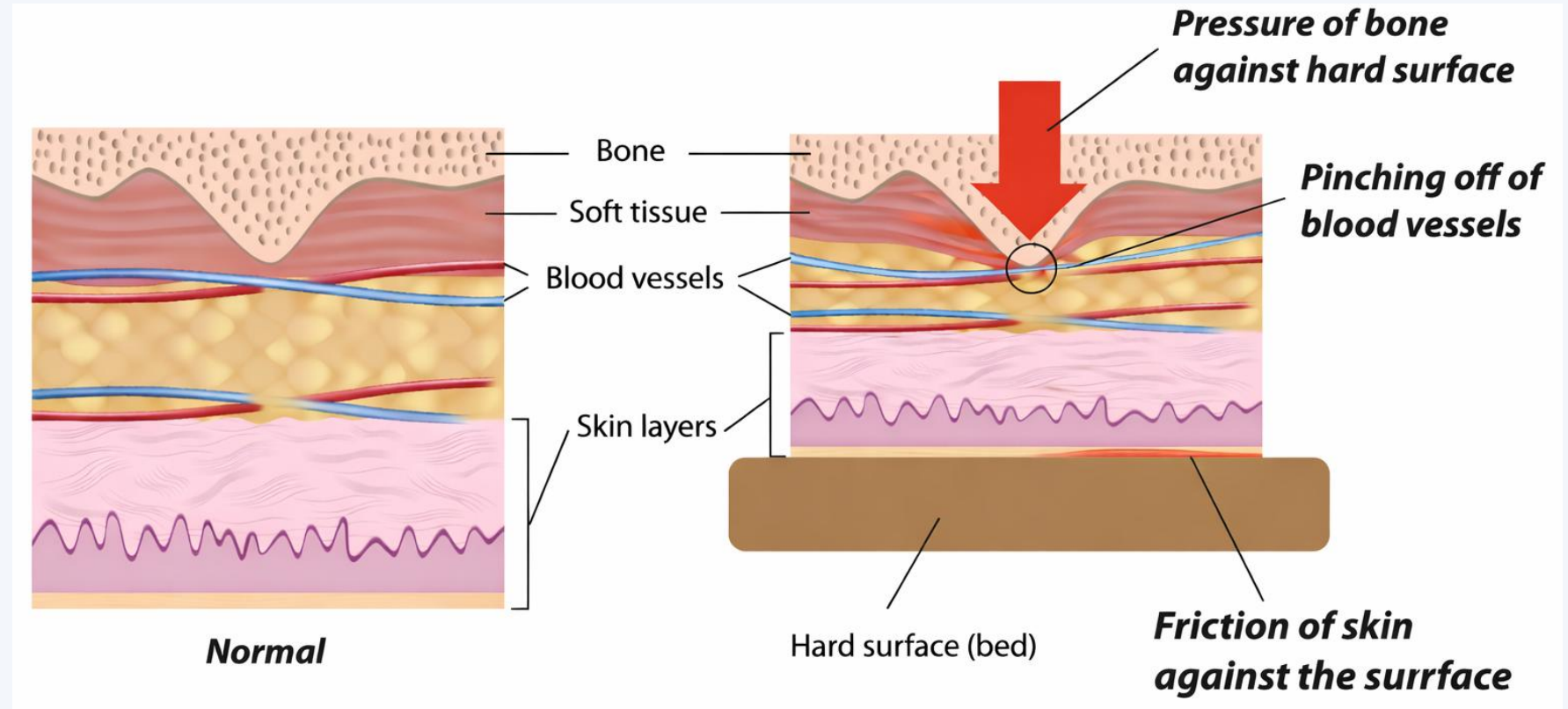
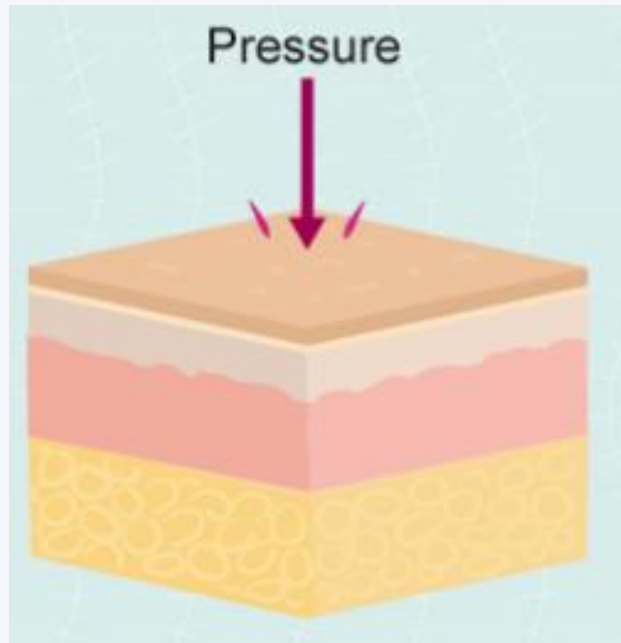
A pressure ulcer is localised injury to the skin and/or underlying tissue usually over a bony prominence, as a result of 2 forces:

Pressure or **pressure in combination with shear**.

Pressure injuries usually occur over a bony prominence but may also be related to a medical device or other object (EPUAP (2019)).

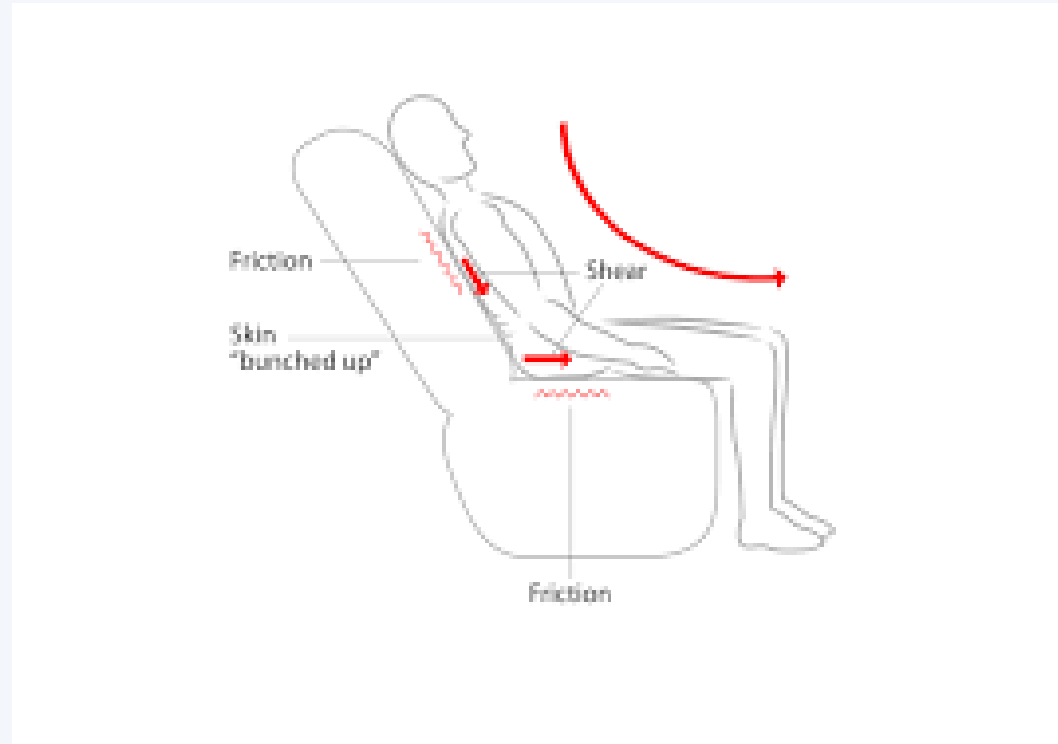
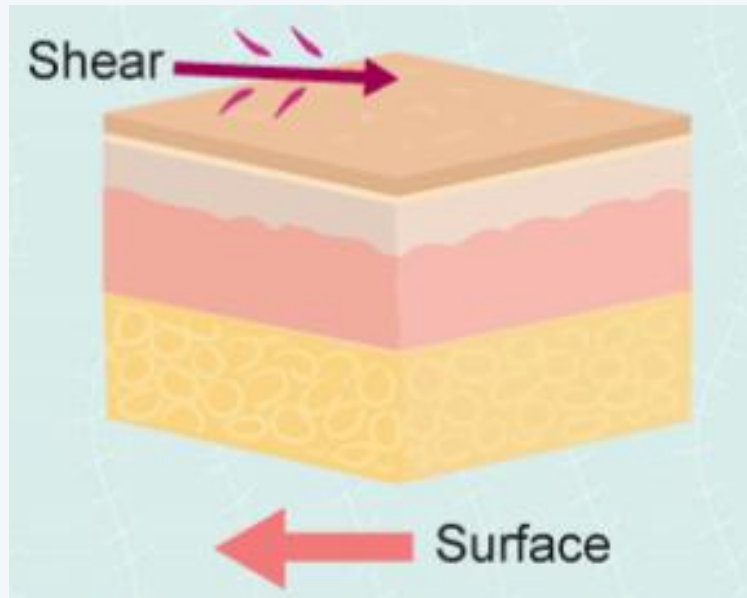


Pressure is a force acting perpendicular against the skin and soft tissues.



The harder the surface, the higher the pressures.

Shear is a force that acts parallel to the skin.



Friction – the rubbing of the skin over a surface.

Caring, safe and excellent

What isn't a Pressure Ulcer/injury?

- A skin tear
- A true bruise
- A foot ulcer NOT caused by pressure (podiatry)
- A wound on a leg not over a bony prominence or under a piece of equipment/surface
- A surgical wound that has broken down

None of the above wounds should be categorised.



Category 1 Pressure Ulcer:

- Intact skin with localised, non-blanching erythema usually over a bony prominence.
- Indicates early tissue damage and risk of progression if pressure is not relieved.
- may be painful, firm, soft, warmer or cooler as compared to adjacent tissue.



Why this stage matters:

First visible sign of pressure injury

Miss it → **rapid progression to skin breakdown**

Spot it early → **injury can be prevented**

Blanching Test – No colour change with pressure indicates collapse of small blood vessels = Category 1 Pressure Damage.

Assessing different skin tones:



Questions to consider as part of the skin assessment:

- What is the colour like in comparison to the surrounding skin?
- Does the skin feel warm/cool? Are there any changes in temperature?
- Does the skin feel spongy or firm to touch?
- Does the skin look or feel shiny or tight?
- Is there any swelling or inflammation?
- Are there any changes in the texture of the skin and underlying tissue?
- Is there any pain, itchiness or change in sensation?

Category 2 Pressure Ulcer:

- Partial thickness skin loss – damage to the dermis and/or epidermis.
- A shiny or dry shallow open ulcer with a red pink wound bed, NO slough or bruising.
- Intact or open/ruptured serum-filled or serosanguinous filled blister.



This category should not be used to describe skin tears, tape burns, incontinence associated dermatitis, maceration or excoriation.

Category 3 Pressure Ulcer:

- Full thickness skin loss – subcutaneous fat may be visible, but bone, tendon or muscle are *not* exposed.
- Slough may be present but does not obscure the depth of tissue loss.
- May include undermining and tunnelling.
- The depth of a Category 3 pressure ulcer varies by anatomical location.

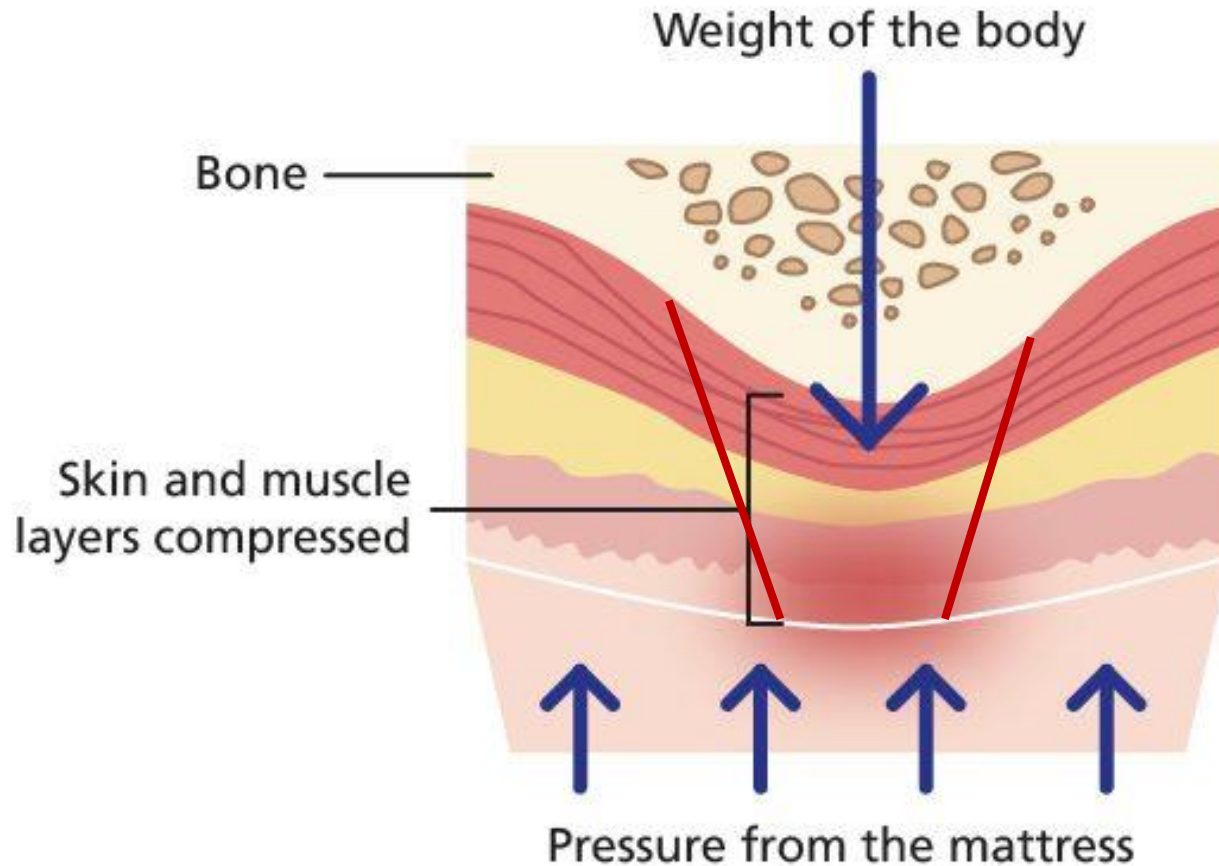


Category 4 Pressure Ulcer:

- Full thickness tissue loss with exposed bone, tendon or muscle.
- Slough or eschar may be present.
- Often includes undermining and tunnelling
- The depth of a category 4 pressure ulcer varies by anatomical location.
- Category 4 ulcers can extend into muscle and/or supporting structures (e.g., fascia, tendon or joint capsule) making osteomyelitis more likely to occur.



Cone of Pressure:



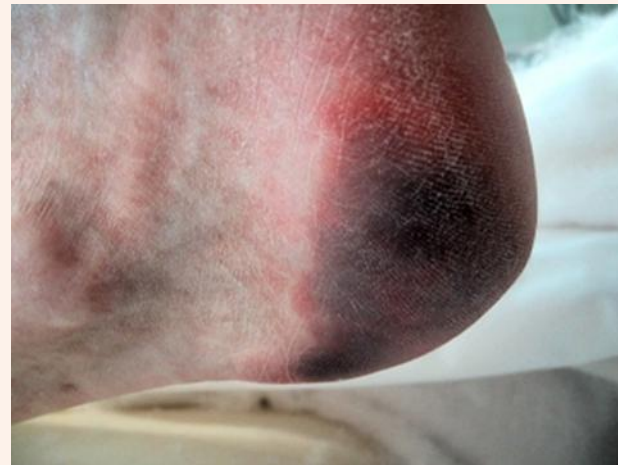
Damage spreads downwards and outwards. The wound is smaller at the surface level but wider and deeper underneath.

Normally seen in category 3 and 4 pressure damage.

Explains why wounds can deteriorate despite small surface size.

Deep Tissue Injury (DTI):

Localised area of purple/ maroon discoloured, intact skin due to damage of underlying soft tissue from pressure and/ or shear. Tissue may be 'boggy', warmer or cooler and more painful than adjacent tissue. Different to a bruise.

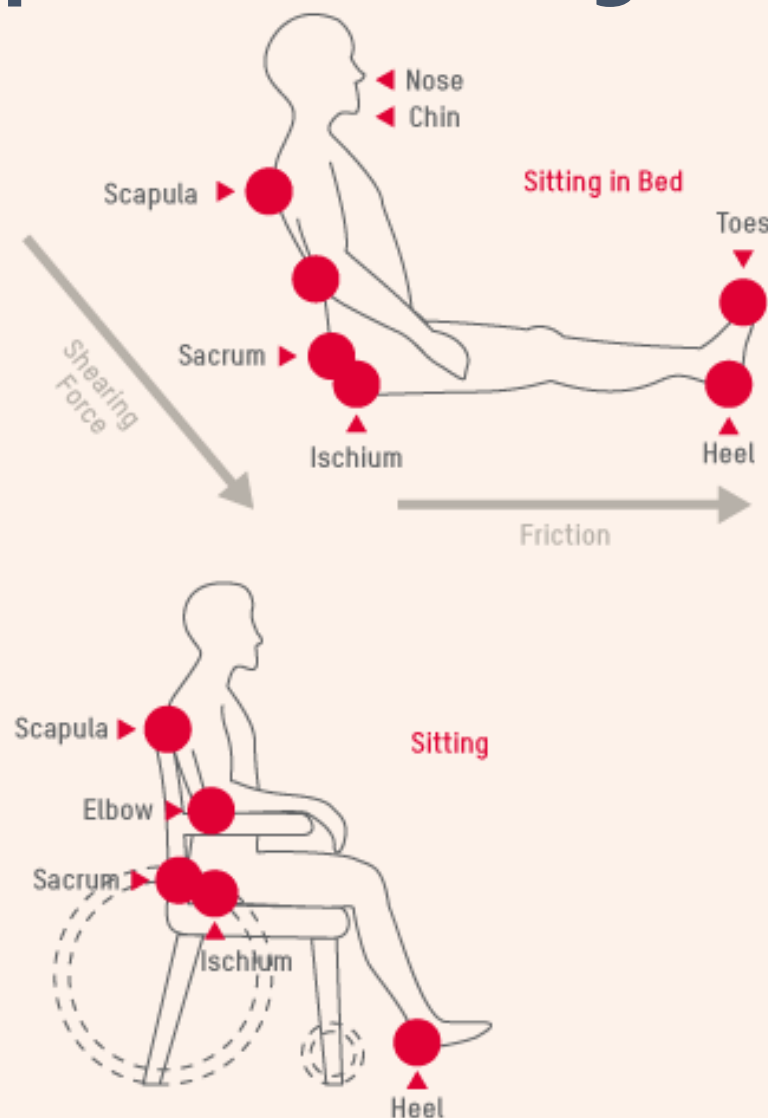
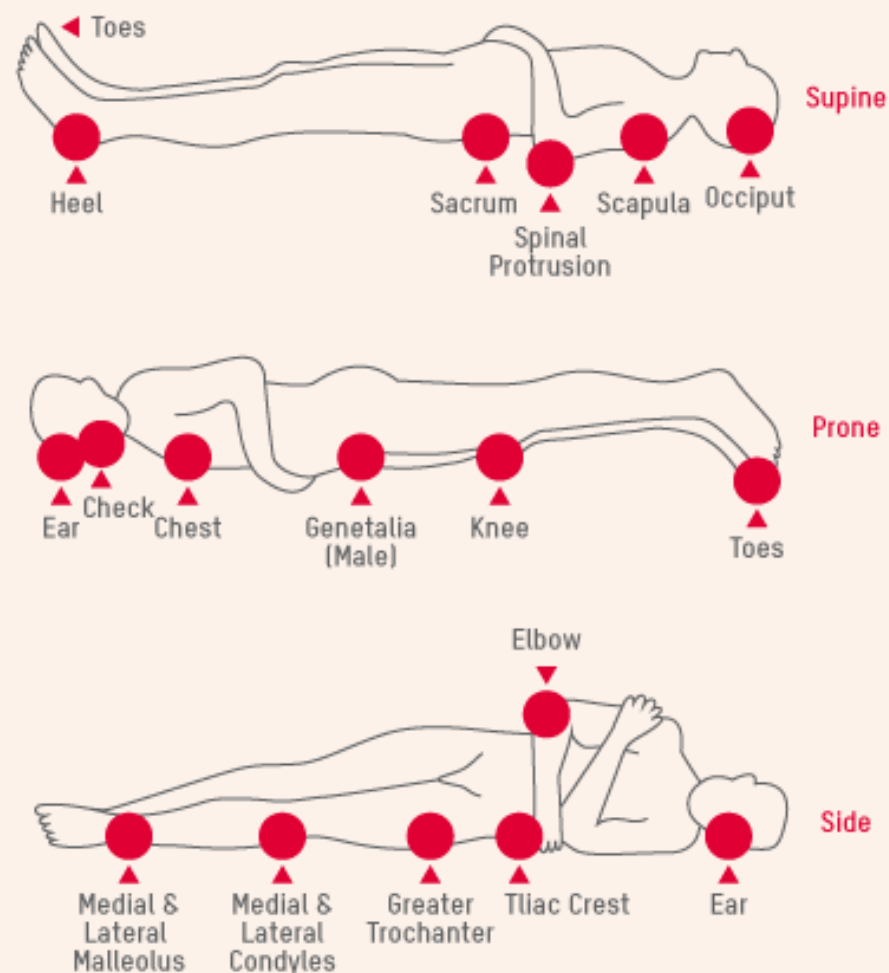


Unstageable Pressure Ulcer:

- Full thickness tissue loss in which the base of the ulcer is covered by slough and/ or eschar.
- Difficult to know the depth due presence of devitalised tissue.
- Once debrided (if your holistic assessment supports), you can resubmit category.



Where are we likely to see pressure damage?



Moisture VS Pressure:

Moisture

- **Caused by Moisture being present**
- Irregular edges/ can be linear in natal cleft
- Intragluteal cleft/may be over bony prominences.
- Copy lesions/ Butterfly pattern.
- Superficial.
- No necrosis present.
- Macerated skin around the lesions.
- There can be excoriation – often associated with faecal leakage.
- Pressure/shear should be excluded.



MASD VS Pressure Damage:

Pressure

Caused by direct pressure (ischemia) shear and friction (cell deformation).

- Defined edges circular or tear dropped shape
- Moisture is not the primary factor
- Over a bony prominence
- Slough or necrosis could be present
- Deeper lesions, particularly category 3 and 4.



A large, light orange speech bubble with a tail pointing towards the top left.

**Who is
at risk?**

A light orange rounded rectangle.

**Please take a few
minutes to think.**

What factors put someone at risk of pressure damage?





Who is at risk of pressure damage:

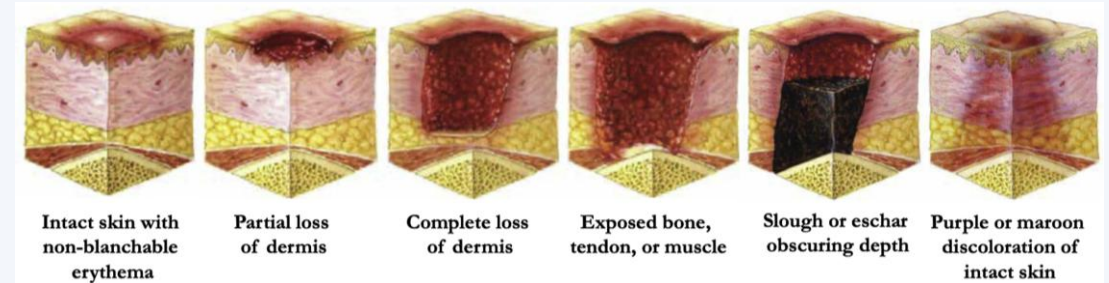


. Previous Pressure Damage

- . Immobility/ poor mobility,
- . Seating, Positioning and Posture,
- . Care environment,
- . Medical Devices/ Equipment,
- . Cognitive/ mental health/ mental capacity,
- . Psychosocial considerations,
- . Non concordance,
- . Acute/Chronic illness,
- . End of Life Illness (SCALE),
- . Medication,
- . Manual Handling/ transferring Techniques,
- . Extremes of age (very old/ very young).

Incident reporting on Ulysses

- ALL category of pressure ulcer/injury should be reported
- A PURE moisture lesion is NOT a pressure ulcer and should not be reported as one
- HOWEVER, if a pressure ulcer has a moisture element as well, when you report the pressure ulcer you add moisture as a contributing factor



No longer need to complete the questionnaires as previously.

- Patient information - age, key co-morbidities, capacity
- Service involvement with patient
- Summary of incident (Chronological order)
- BRADEN/PURPOSE-T , MUST, STRONG, aSSKINg
- pressure relieving equipment
- package of care
- Was there a care plan in place? Were there any omissions/ deviations from this?
- Was the patient concordant?
- Reason for deterioration & details



Foot ulcers & reporting

Classic pressure ulcers:

- generally caused by constant static/ shearing pressures e.g. bed bound, wheelchair, seating posture, prescribed hosiery, prescribed footwear or prescribed offloading devices
- typically found on the posterior aspect of the heel
- over bony prominences
- These ulcers should be categorised and reported as a pressure ulcer.



If a foot ulcer is not due to constant or intermittent pressure caused by constant static/shearing pressures (see examples above) then it does not need to be reported as a pressure ulcer.

The **aSSKINg** Care Bundle

A **care bundle** is a small, structured group of evidence-based interventions (typically three to five) that, when performed together and consistently, improve patient outcomes more effectively than if they were delivered individually (IHI, 2001)

- ✓ **a** = ASSESSMENT
- ✓ **S** = SKIN INSPECTION
- ✓ **S** = SURFACE
- ✓ **K** = KEEP MOVING
- ✓ **I** = INCONTINANCE / MOISTURE
- ✓ **N** = NUTRITION
- ✓ **g** = GIVING INFORMATION

Pressure Ulcer Risk Primary Or Secondary Evaluation - Tool.

Pressure Ulcer Risk Assessment – PURPOSE T (v2)

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Name: _____ DOB: _____ NHS No: _____ Signature: _____ Date of Assessment: _____

Step 1 – screening

Mobility status – not applicable

Requires the help of another person to walk

Spends most of waking hours in bed or chair

Remains in the same position for long periods

Transfers independently with or without aids

Skin status – not applicable

Current PU category 1 or above

Reported history of previous PU

Vulnerable skin

Medical devices/catheters/tubing/irritants that could cause pressure/abrasion at skin site

Normal skin

Clinical Judgment – not applicable

Conditions/treatments which significantly impact the patient's PU risk e.g. poor perfusion, oedema, incontinence, poor nutrition

Neutered

PU Risk

No previous ulcer not currently at risk

Not applicable

Not currently at risk pathway

PU Category 1 or above or scoring from previous pressure ulcers

Not applicable

Secondary prevention and treatment pathway

Step 2 – full assessment

Complete ALL sections

Analysis of independent movement

Tab the applicable box (value frequency and select categories most)

Based on all independent movement

Best of all movement

Good

Right position changes

Major position changes

Frequency of position changes

Moves occasionally

Moves frequently

Sensory perception and response – not applicable

No problem

Problem is under-reported and/or reported appropriately to discomfort from pressure

Diabetes – not applicable

Not diabetic

Diabetic

Moisture due to perspiration, urine, faeces or exudate – not applicable

No problem / Occasional

Frequent (2 or 3 times a day)

Constantly or excessively/incontinence persists 24 hours a day

Nutrition – not applicable

Neutered

Appears underweight for age

Poor nutritional intake

Tone – not applicable

No problem

Oral intake with dysphagia, spasmodic

Perfusion – not applicable

No problem – capillary refill <2 sec

Conditions affecting central circulation e.g. heart failure, hypertension

Conditions affecting peripheral circulation e.g. smoking, arterial medication

Therapies – not applicable

No problem

Splint/cast/burden

Medical device – not applicable

No medical device in situ

Medical device in situ

Current Detailed Skin Assessment – not applicable

For each site tab the applicable box (value frequency and select categories most)

Purpose PU History – not applicable

No current PU history

PU history – response table

Number of previous pressure ulcers

Based on purpose PU history (in parentheses) PU category 1 or above (in parentheses) PU category 2 or above (in parentheses) PU category 3 or above (in parentheses)

PU Category 1 or above (in parentheses) PU category 2 or above (in parentheses) PU category 3 or above (in parentheses)

Step 3 – assessment decision

If ANY pink boxes are ticked/complete, the patient has an existing pressure ulcer or scoring from previous pressure ulcer

If ANY orange boxes are ticked/complete, the patient is at risk

If only yellow and blue boxes are ticked, the nurse must consider the risk profile (risk factors) present to decide whether the patient is at risk or not currently at risk

PU Category 1 or above or scoring from previous pressure ulcers

Not applicable

Secondary prevention and treatment pathway

No pressure ulcer but at risk

Not applicable

Primary prevention pathway

No pressure ulcer not currently at risk

Not applicable

Primary prevention pathway

Not currently at risk pathway

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NHS Foundation Trust

Paediatric Pressure Ulcer Risk Assessment – PURPOSE T Paeds

Defend Health
NHS Foundation Trust

Name: _____ DOB: _____ NHS No: _____ Signature: _____ Date of Assessment: _____

Step 1 – screening

Mobility status – not applicable

Requires the help of another person to walk

Spends most of waking hours in bed or chair

Remains in the same position for long periods

Transfers independently with or without aids

Skin status – not applicable

Current PU category 1 or above

Reported history of previous PU

Vulnerable skin

Medical devices/catheters/tubing/irritants that could cause pressure/abrasion at skin site

Normal skin

Clinical Judgment – not applicable

Conditions/treatments which significantly impact the patient's PU risk e.g. poor perfusion, oedema, incontinence, poor nutrition

Neutered

PU Risk

No previous ulcer not currently at risk

Not applicable

Not currently at risk pathway

PU Category 1 or above or scoring from previous pressure ulcers

Not applicable

Secondary prevention and treatment pathway

Step 2 – full assessment

Complete ALL sections

Analysis of independent movement

Tab the applicable box (value frequency and select categories most)

Based on all independent movement

Best of all movement

Good

Right position changes

Major position changes

Frequency of position changes

Moves occasionally

Moves frequently

Sensory perception and response – not applicable

No problem

Problem is under-reported and/or reported appropriately to discomfort from pressure

Diabetes – not applicable

Not diabetic

Diabetic

Moisture due to perspiration, urine, faeces or exudate – not applicable

No problem / Occasional

Frequent (2 or 3 times a day)

Constantly or excessively/incontinence persists 24 hours a day

Nutrition – not applicable

Neutered

Appears underweight for age

Poor nutritional intake

Tone – not applicable

No problem

Oral intake with dysphagia, spasmodic

Perfusion – not applicable

No problem – capillary refill <2 sec

Conditions affecting central circulation e.g. heart failure, hypertension

Conditions affecting peripheral circulation e.g. smoking, arterial medication

Therapies – not applicable

No problem

Splint/cast/burden

Medical device – not applicable

No medical device in situ

Medical device in situ

Current Detailed Skin Assessment – not applicable

For each site tab the applicable box (value frequency and select categories most)

Purpose PU History – not applicable

No current PU history

PU history – response table

Number of previous pressure ulcers

Based on purpose PU history (in parentheses) PU category 1 or above (in parentheses) PU category 2 or above (in parentheses) PU category 3 or above (in parentheses)

PU Category 1 or above (in parentheses) PU category 2 or above (in parentheses) PU category 3 or above (in parentheses)

Step 3 – assessment decision

If ANY pink boxes are ticked/complete, the patient has an existing pressure ulcer or scoring from previous pressure ulcer

If ANY orange boxes are ticked/complete, the patient is at risk

If only yellow and blue boxes are ticked, the nurse must consider the risk profile (risk factors) present to decide whether the patient is at risk or not currently at risk

PU Category 1 or above or scoring from previous pressure ulcers

Not applicable

Secondary prevention and treatment pathway

No pressure ulcer but at risk

Not applicable

Primary prevention pathway

No pressure ulcer not currently at risk

Not applicable

Primary prevention pathway

Not currently at risk pathway

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PURPOSE-T

Consists of 3 steps:

- **Step 1:** Screening
- **Step 2:** Full assessment
- **Step 3:** Assessment decision (placing on a pathway)



- Screening, & if indicated, full assessment should take place:
- within 6 hours of admission
 - on change of condition, environment or circumstance
 - at least weekly in hospital care
 - at least monthly in community or care home

STEP 1 - SCREENING

- ✓ Mobility
- ✓ skin status
- ✓ clinical judgement.
- If a yellow or pink category is selected, clinicians should proceed to the assessment stage.

This is the same for adults & children.

More than 1 option can be selected.

Step 1 – screening			
Mobility status – tick all applicable		Skin status – tick all applicable	
Needs the help of another person to walk	☐	Current PU category 1 or above?	☐
Spends all or the majority of time in bed or chair	☐	Reported history of previous PU?	☐
Remains in the same position for long periods	☐	Vulnerable skin	☐
Walks independently with or without walking aids	☐	Medical device causing pressure/shear at skin site e.g. O ₂ mask, NG tube	☐
		Normal skin	☐
If ONLY blue box is ticked		If ONLY blue box is ticked	
If ANY yellow boxes are ticked, go to Step 2		If ANY yellow or pink boxes are ticked, go to Step 2	
		Clinical Judgment – tick as applicable	
		Conditions/treatments which significantly impact the patient's PU risk e.g. poor perfusion, epidurals, oedema, steroids	
		No problem	
		If ONLY blue box is ticked	
		No pressure ulcer not currently at risk	
		Tick if applicable	
		Not currently at risk pathway	

Mobility status – *tick all applicable*

Needs the help of another person to walk

☐

Spends all or the majority of time in bed or chair

☐

Remains in the same position for long periods

☐

Walks independently with or without walking aids

☐

If **ANY** yellow boxes are ticked, **go to Step 2**



More than 1 option can be selected.

Skin status – <i>tick all applicable</i>	
Current PU category 1 or above?	☐
Reported history of previous PU?	☐
Vulnerable skin	☐
Medical device causing pressure/shear at skin site e.g. O ₂ mask, NG tube	☐
Normal skin	☐

If **ANY** yellow or pink boxes are ticked, go to **Step 2**




More than 1 option can be selected.

Vulnerable skin (precursor to PU) e.g. blanchable redness that persists, dryness, paper thin, moist.

Clinical Judgment – <i>tick as applicable</i>	
Conditions / treatments which significantly impact the patient's PU risk e.g. poor perfusion, epidurals, oedema, steroids	☐
No problem	☐

If **ANY** yellow boxes are ticked, **go to Step 2**



- Poor perfusion – arterial disease
- Neuropathy – lack of sensation
- Neurological conditions – stroke, MS, MND, Parkinsons
- Sedation/anaesthetic
- Lymphoedema
- Diabetes
- Cognitive impairment
- Extremes of age

Step 2: Full Assessment

The ADULT full assessment stage comprises of:

- independent movement
- sensory perception
- moisture
- diabetes
- perfusion
- nutrition
- medical devices
- detailed skin assessment
- previous pressure ulcer history

Step 2 – full assessment															
Complete ALL sections															
Analysis of independent movement Tick the applicable box (where frequency and extent categories meet) Extent of all independent movement Relief of all pressure areas Doesn't move Slight position changes Major position changes Frequency of position changes Doesn't move Moves occasionally Moves frequently						Sensory perception and response – tick as applicable No problem Patient is unable to feel and/or respond appropriately to discomfort from pressure e.g. CVA, neuropathy, epidural		Moisture due to perspiration, urine, faeces or exudate – tick as applicable No problem / Occasional Frequent (2–4 times a day) Constant							
Perfusion – tick all applicable No problem Conditions affecting central circulation e.g. shock, heart failure, hypotension Conditions affecting peripheral circulation e.g. peripheral vascular / arterial disease						Nutrition – tick all applicable No problem Unplanned weight loss Poor nutritional intake Low BMI (less than 18.5) High BMI (30 or more)		Medical device – tick as applicable No problem Medical device causing pressure/shear at skin site e.g. O ₂ mask, NG tube							
Diabetes – tick as applicable Not diabetic Diabetic						Vulnerable skin descriptor (precursor to PU) e.g. blanchable redness that persists, dryness, paper thin, moist NPUAP / EPUAP PU Classification (2009) Cat 1 Non-blanchable redness of intact skin Cat 2 Partial thickness skin loss or clear blister Cat 3 Full thickness skin loss (fat visible/slough present) Cat 4 Full thickness tissue loss (muscle/bone visible) Cat U (Unstageable/Unclassified): full thickness skin or tissue loss - depth unknown									
Current Detailed Skin Assessment – tick if pain, soreness or discomfort present at any skin site as applicable. For each skin site tick applicable column – either vulnerable skin, normal skin or record PU category															
Skin site Sacrum L Buttock R Buttock L Ischial R Ischial L Hip				Pain Vulnerable skin PU category Normal skin				Skin site R Hip L Heel R Heel L Ankle R Ankle L Elbow				Pain Vulnerable skin PU category Normal skin			
Skin site R Elbow Other as applicable (may be medical device site)				Pain Vulnerable skin PU category Normal skin				Skin site R Elbow Other as applicable (may be medical device site)				Pain Vulnerable skin PU category Normal skin			
Previous PU history – tick as applicable No known PU history PU history – complete below Number of previous pressure ulcer(s) Detail of previous PU (if more than 1 previous PU give detail of the PU that left a scar or worst category). Approx date Site PU cat Scar No scar Other relevant information (if required):															

Paediatric PURPOSE-T - STEP 2

- Independent movement
- Sensory perception
- Moisture
- Diabetes
- Perfusion
- Nutrition
- Medical device
- Detailed skin assessment
- Tone
- Therapies

Step 2 – full assessment Complete ALL sections

Analysis of independent movement			
Tick the applicable box (where frequency and extent categories meet)		Extent of all independent movement Relief of all pressure areas	
		Doesn't move	Slight position changes
Frequency of position changes	Doesn't move	☐	N/A
	Moves occasionally	N/A	☐
	Moves frequently	N/A	☐

Sensory perception and response – tick as applicable	
No problem	☐
Patient is unable to feel and/or respond appropriately to discomfort from pressure	☐

Diabetes – tick as applicable	
Not diabetic	☐
Diabetic	☐

Moisture due to perspiration, urine, faeces or exudate – tick as applicable	
No problem / Occasional	☐
Frequent (2–4 times a day)	☐
Constantly an issue/nappies/incontinence products 24 hours a day	☐

Nutrition – tick as applicable	
No problem	☐
Appears under/overweight for age	☐
Poor nutritional intake	☐

Tone – tick as applicable	
No problem	☐
Child suffers with dystonia/spasm/seizures	☐

Perfusion – tick as applicable	
No problem – Capillary refill <2 secs	☐
Conditions affecting central circulation e.g. heart failure, hypotension	☐
Conditions affecting peripheral circulation e.g. swelling/oedema, medication	☐

Therapies – tick as applicable	
No problem	☐
Splints/casts/orthotics	☐

Medical device – tick as applicable	
No medical device in situ	☐
Medical device in situ	☐

Current Detailed Skin Assessment – tick if pain, soreness or discomfort present at any skin site as applicable.
For each skin site tick applicable column – either vulnerable skin, normal skin or record PU category

Skin site	Pain	Vulnerable skin	PU category	Normal skin
Sacrum	☐	☐	☐	☐
L Buttock	☐	☐	☐	☐
R Buttock	☐	☐	☐	☐
L Knee	☐	☐	☐	☐
R Knee	☐	☐	☐	☐
L Hip	☐	☐	☐	☐

Skin site	Pain	Vulnerable skin	PU category	Normal skin
R Hip	☐	☐	☐	☐
L Heel	☐	☐	☐	☐
R Heel	☐	☐	☐	☐
L Ankle	☐	☐	☐	☐
R Ankle	☐	☐	☐	☐
L Elbow	☐	☐	☐	☐

Skin site	Pain	Vulnerable skin	PU category	Normal skin
R Elbow	☐	☐	☐	☐
Occipital	☐	☐	☐	☐
L ear	☐	☐	☐	☐
R ear	☐	☐	☐	☐

Skin site	Pain	Vulnerable skin	PU category	Normal skin
Medical device skin site				
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

Analysis of independent movement				
Tick the applicable box (where frequency and extent categories meet)		Extent of independent movement Relief of all pressure areas		
		Doesn't move	Slight position changes	Major position changes
Frequency of position changes	Doesn't move	☐	N/A	N/A
	Moves occasionally	N/A	☐	☐
	Moves frequently	N/A	☐	☐

Consider the persons ability to move **independently; how often they move and to what extent.**

Sensory perception

Sensory perception and response – <i>tick as applicable</i>	
No problem	☐
Patient is unable to feel and/or respond appropriately to discomfort from pressure e.g. CVA, neuropathy, epidural	☐

Children's version doesn't give examples.

Moisture

ADULTS

CHILDREN

Moisture due to perspiration, urine, faeces or exudate - <i>tick as applicable</i>	
No problem/Occasional	☐
Frequent (2-4 times a day)	☐
Constant	☐

Moisture due to perspiration, urine, faeces or exudate – <i>tick as applicable</i>	
No problem / Occasional	☐
Frequent (2–4 times a day)	☐
Constantly an issue/nappies/incontinence products 24 hours a day	☐

Diabetes

Diabetes - <i>tick as applicable</i>	
Not diabetic	☐
Diabetic	☐

Perfusion

ADULTS

Perfusion - <i>tick all applicable</i>	
No problem	☐
Conditions affecting central circulation eg. shock, heart failure, hypotension	☐
Conditions affecting peripheral circulation eg. peripheral vascular/arterial disease	☐

CHILDREN

Perfusion – <i>tick all applicable</i>	
No problem – Capillary refill <2 secs	☐
Conditions affecting central circulation e.g. heart failure, hypotension	☐
Conditions affecting peripheral circulation e.g. swelling/ oedema, medication	☐

Nutrition

ADULTS

Nutrition - tick all applicable	
No problem	☐
Unplanned weight loss	☐
Poor nutritional intake	☐
Low BMI (less than 18.5)	☐
High BMI (30 or more)	☐

CHILDREN'S

Nutrition – tick all applicable	
No problem	☐
Appears under/overweight for age	☐
Poor nutritional intake	☐

Medical device

ADULTS

Medical device – tick as applicable	
No problem	☐
Medical device causing pressure/shear at skin site e.g. O ₂ mask, NG tube	☐

CHILDREN

Medical device – tick as applicable	
No medical device in situ	☐
Medical device in situ	☐

Previous PU history <i>tick as applicable</i>				
No known PU history				☐
PU history - <i>complete below</i>				☐
Number of previous pressure ulcer(s):				
Detail of previous PU (if more than 1 previous PU give detail of the PU that left a scar or worst category).				
Approx date	Site	PU cat	Scar	No scar
			☐	☐
Other relevant information (if required):				

- Adults only
- Previous PU – yellow
- Scar from previous PU pink

Detailed skin assessment:

- A systematic approach to inspecting all pressure areas and recording:
 - Pain or discomfort,
 - Vulnerable skin.
 - Pressure Ulcer Category.
 - Normal skin,

How to use this tool:

- Inspect every listed skin site – don't assume.
- Ask the patient about pain or soreness – this may be the earliest sign of damage.
- Tick one option per site.

What counts as vulnerable skin?

- Red, purple, blue, maroon, or grey discolouration,
- Non-blanching areas,
- Boggy, firm, shiny or fragile skin,
- Moist or macerated skin,
- Skin that is painful, warm or cool.

Current Detailed Skin Assessment – tick if pain, soreness or discomfort present at any skin site as applicable.
For each skin site tick applicable column – either vulnerable skin, normal skin or record PU category

Skin site	Pain	Vulnerable skin	PU category	Normal skin
Sacrum	☐	☐	☐	☐
L Buttock	☐	☐	☐	☐
R Buttock	☐	☐	☐	☐
L Ischial	☐	☐	☐	☐
R Ischial	☐	☐	☐	☐
L Hip	☐	☐	☐	☐

Skin site	Pain	Vulnerable skin	PU category	Normal skin
R Hip	☐	☐	☐	☐
L Heel	☐	☐	☐	☐
R Heel	☐	☐	☐	☐
L Ankle	☐	☐	☐	☐
R Ankle	☐	☐	☐	☐
L Elbow	☐	☐	☐	☐

Skin site	Pain	Vulnerable skin	PU category	Normal skin
R Elbow	☐	☐	☐	☐
Other as applicable (may be medical device site)				
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

Current Detailed Skin Assessment – tick if pain, soreness or discomfort present at any skin site as applicable.
 For each skin site tick applicable column – either vulnerable skin, normal skin or record PU category

Skin site	Pain	Vulnerable skin	PU category	Normal skin
Sacrum	☐	☐	☐	☐
L Buttock	☐	☐	☐	☐
R Buttock	☐	☐	☐	☐
L Ischial	☐	☐	☐	☐
R Ischial	☐	☐	☐	☐
L Hip	☐	☐	☐	☐

Skin site	Pain	Vulnerable skin	PU category	Normal skin
R Hip	☐	☐	☐	☐
L Heel	☐	☐	☐	☐
R Heel	☐	☐	☐	☐
L Ankle	☐	☐	☐	☐
R Ankle	☐	☐	☐	☐
L Elbow	☐	☐	☐	☐

Skin site	Pain	Vulnerable skin	PU category	Normal skin
R Elbow	☐	☐	☐	☐
Other as applicable (may be medical device site)				
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

ADULTS

Current Detailed Skin Assessment – tick if pain, soreness or discomfort present at any skin site as applicable.
 For each skin site tick applicable column – either vulnerable skin, normal skin or record PU category

Skin site	Pain	Vulnerable skin	PU category	Normal skin
Sacrum	☐	☐	☐	☐
L Buttock	☐	☐	☐	☐
R Buttock	☐	☐	☐	☐
L Knee	☐	☐	☐	☐
R Knee	☐	☐	☐	☐
L Hip	☐	☐	☐	☐

Skin site	Pain	Vulnerable skin	PU category	Normal skin
R Hip	☐	☐	☐	☐
L Heel	☐	☐	☐	☐
R Heel	☐	☐	☐	☐
L Ankle	☐	☐	☐	☐
R Ankle	☐	☐	☐	☐
L Elbow	☐	☐	☐	☐

Skin site	Pain	Vulnerable skin	PU category	Normal skin
R Elbow	☐	☐	☐	☐
Occipital	☐	☐	☐	☐
L ear	☐	☐	☐	☐
R ear	☐	☐	☐	☐
	☐	☐	☐	☐

Skin site	Pain	Vulnerable skin	PU category	Normal skin
Medical device skin site				
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

CHILDREN

- 3 extra:
- Occiput
 - Left ear
 - Right ear

Step 3: Assessment decision

The final step of PURPOSE-T requires consideration of step 2 responses to inform 1 of 3 assessment decisions depending on the colour of boxes ticked:

- 'no pressure ulcer not currently at risk',
- 'no pressure ulcer but at risk'
- 'pressure ulcer category 1 or above or scarring from previous pressure ulcer'.

Step 3 – assessment decision

If **ANY pink boxes** are ticked/completed, the patient has an existing pressure ulcer or scarring from previous pressure ulcer.

PU Category 1 or above or scarring from previous pressure ulcers

Tick if applicable ☐

Secondary prevention and treatment pathway

If **ANY orange boxes** are ticked (but no pink boxes), the patient is at risk.

No pressure ulcer but at risk

Tick if applicable ☐

Primary prevention pathway

If **only yellow and blue boxes** are ticked, the nurse must consider the risk profile (risk factors present) to decide whether the patient is at risk or not currently at risk.

No pressure ulcer not currently at risk

Tick if applicable ☐

Primary prevention pathway

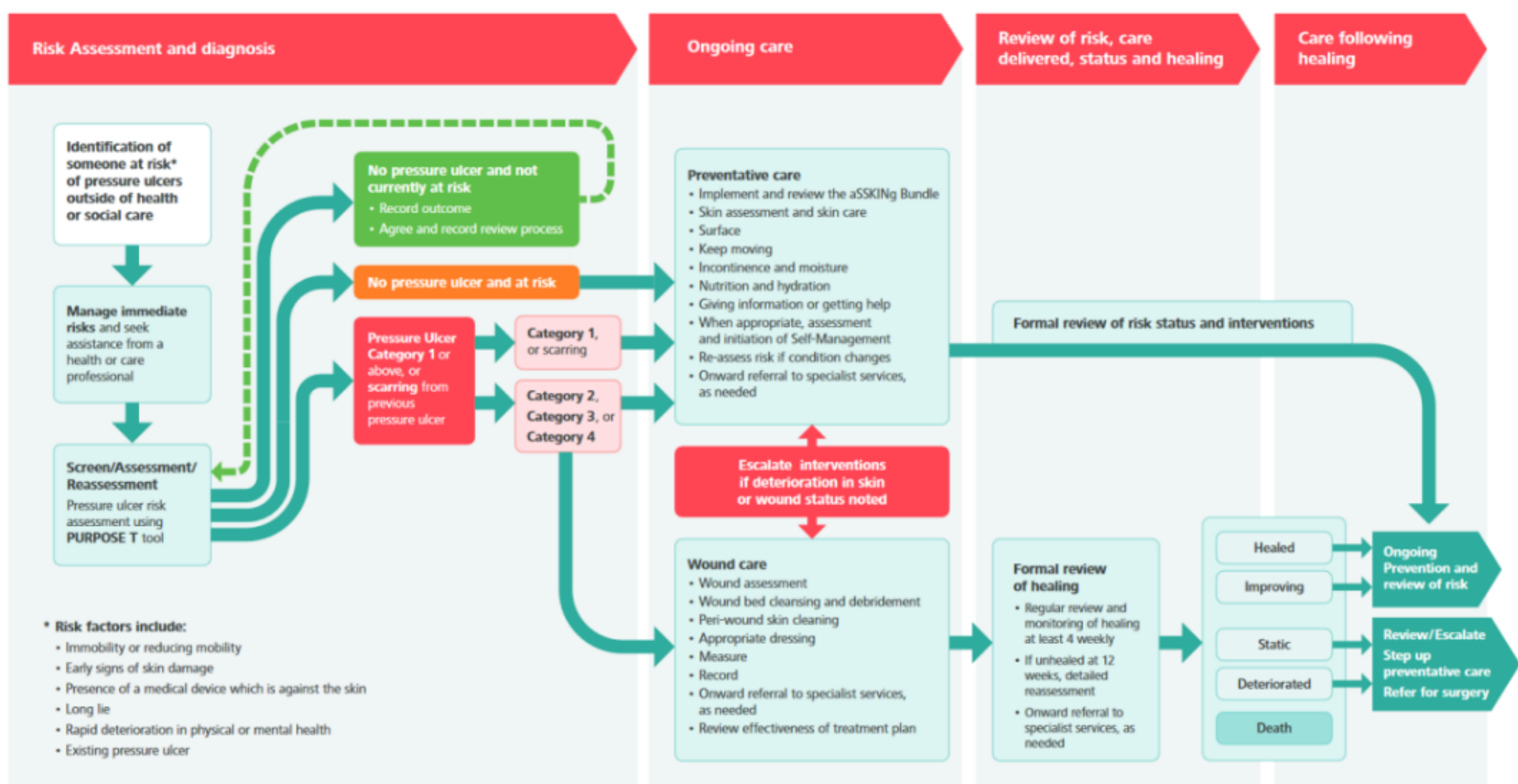
Clinician printed name

Clinician signature

Date

Time

The Clinical Pathway





PURPOSE-T CASE STUDY

Select from one of the below case studies uploaded at the beginning of the CHAT

- A. Community ADULT**
- B. Community CHILD**
- C. Mental Health In-patient ADULT**



- ✓ **a** = ASSESSMENT
- ✓ **S** = **SKIN INSPECTION**
- ✓ **S** = SURFACE
- ✓ **K** = KEEP MOVING
- ✓ **I** = INCONTINANCE / MOISTURE
- ✓ **N** = NUTRITION
- ✓ **g** = GIVING INFORMATION

Skin Inspection – top to toe & front to back

An assessment of the skin includes more than just what you can see. Use your senses of sight, touch, hearing and smell.

Any skin conditions? Check skin folds.

- Dry skin
- Moist
- Any signs of pressure

Consider colour, texture and temperature of the skin.

- ❖ Red and discoloured - Does the area blanch?
- ❖ Hot compared with the surrounding area
- ❖ Hard and tight?
- ❖ "Boggy" (soft and squelchy)
- ❖ Cold compared with the surrounding area
- ❖ painful, itchy, uncomfortable or numb.

Wound assessment & categorisation



Skin care

Where people can, enable them to care for their own skin.

The skin can be protected by:

- keeping it clean and dry
- Use an emollient as a soap substitute
- leave on emollient – older skin with urea
- using an appropriate skin barrier
- keeping hydrated



Refer to wound formulary for dressings selection.

Surface

- What is a surface?
- Identify all surfaces relevant to your patient - including, but not limited to, beds, mattresses, chairs, cushions, wheelchairs, vehicles, medical devices and offloading devices/orthotics
- Assess the **nature of the surface** and the **length of time** someone spends in contact with it.
- If skin changes occur or the patient is reporting pain or discomfort due to pressure then, if more frequent repositioning has not improved the situation, a change in the equipment may be needed.





Medical devices

- Any device in contact with the skin can cause pressure and result in skin ischaemia.
- Include a schedule for inspecting the skin beneath the device.
- Move the position of the device where this is possible.
- Pressure reducing skin contact layer – Dermisplus Prevent.



Pressure Relieving Equipment

- Consider the range of available equipment, including the mechanism of action, benefits and associated risks – height of bed/chair
- Consider the impact on the patient's level of independence while managing the risk of pressure ulcer development
- Choose and select the appropriate equipment for the patient's needs.
- Mental health and Community hospitals using own equipment

Pressure Relieving Equipment Formulary: Adults A guide for community clinicians

SUMMARY

The following equipment is available for clinicians to order directly form NRS

CUSHIONS	Foam cushion
	Repose Lite pre-inflated cushion
	Flowform Ultra 90 cushion
MATTRESSES	Foam overlay mattress for single bed
	Premier Glide foam base mattress
	Repose Mattress
	Bariatric static foam mattress
HEEL PROTECTORS	Repose foot protectors PLUS (Magnets)
	Repose foot protectors

FOR DISTRICT NURSES - The following equipment is obtained by sending an Equipment Request form to the Clinical Development Lead (CDL) for authorisation and ordering (DN's cannot place the order themselves – it will not go through)

For all other services equipment needs to be requested via Tissue Viability by completing an Equipment Request Form

CUSHIONS	Repose Inflatable cushion
	Vicair Academy vector O2 cushion
	ROHO Quadro or Bariatric cushion
	Starlock cushion
MATTRESSES	Premier Active mattress
	Talley Quattro mattress
	ROHO mattress
	Sentinel bariatric dynamic mattress
HEEL PROTECTORS	Heel lift boots

Equipment Request Forms are available from www.oxfordhealth.nhs.uk/tissue-viability and found on the referrals Tab. Please email completed forms to tissueviabilityADMIN@oxfordhealth.nhs.uk

The following equipment is available for clinicians to order directly form Millbrook:

CUSHIONS	Foam cushion
	Repose Lite pre-inflated cushion
MATTRESSES	Foam overlay mattress for single bed
	Premier Glide foam base mattress
	Repose Mattress
	Bariatric static foam mattress
HEEL PROTECTORS	Repose foot protectors PLUS (Magnets)
	Repose foot protectors

FOR DISTRICT NURSES - The following equipment is obtained by sending an Equipment Request form to the Clinical Development Lead (CDL) for authorisation and ordering (DNs cannot place the order themselves – it will not go through)

Millbrook PINs – work in progress!!

For all other services equipment needs to be requested via Tissue Viability by completing an Equipment Request Form

CUSHIONS	Repose inflatable cushion
	Vicair Academy vector O2 cushion
	ROHO Quadtro or Bariatric cushion
	Starlock cushion
MATRESSS	Premier Active mattress
	OSKA Series 3 mattress (Talley Quattro still in circulation)
	ROHO mattress
	Sentinal bariatric dynamic mattress
HEEL PROTECTORS	HEELIFT® boots
Equipment Request Forms are available form www.oxfordhealth.nhs.uk/tissue-viability and found on the Contact us/Referrals Tab. Please email competed forms to tissueviabilityADMIN@oxfordhealth.nhs.uk	

TISSUE VIABILITY EQUIPMENT REQUEST FORM
For the provision of beds, mattresses, cushions and specialist chairs.

Please print clearly as the inability to read form will result in a delay.
All fields must be completed, any incomplete forms will be returned.
Please make sure you include a **mobile** telephone number which you will be available on in case Tissue viability needs to contact you.

We no longer receive FAXES so please SUBMIT via email to:
tissueviabilityADMIN@oxfordhealth.nhs.uk
(if you do not have an oxford health account),
You will get an automated confirmation of receipt.

If you urgently need to contact someone about your order, please ring Tissue viability admin on 01865 904271 / 904959.

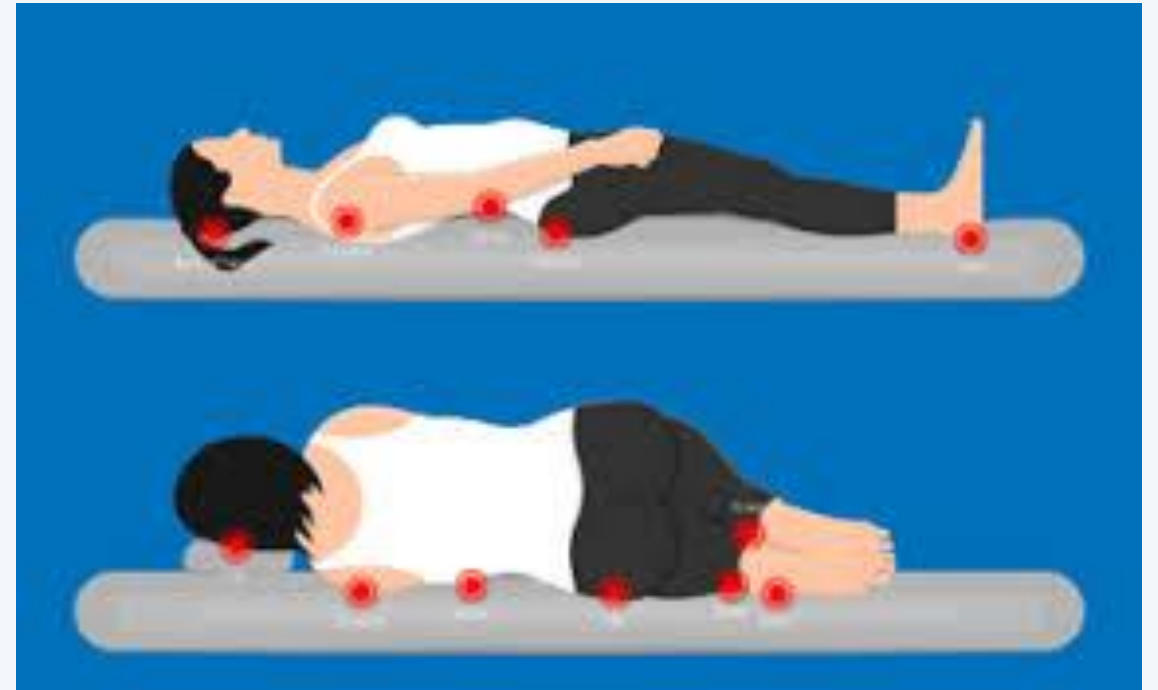
For assistance in assessing for the appropriate equipment, please refer to the following documents which are available on the Equipment tab on our website www.oxfordhealth.nhs.uk/tissue-viability

- Pressure Relieving Equipment Formulary: A guide for clinicians
- Mattress selection guide
- Cushion selection guide
- Guide for use of heel protectors
- Criteria for the supply of riser recliner chairs
- Criteria for the supply of hospital beds into residential care homes
- Frequently requested information on pressure relieving equipment

EQUIPMENT ON LOAN: Have you informed the client that this is NHS/ICES equipment on loan and they are responsible for it while it is their possession? Any neglect, damage or disposal may incur a claim from the PCT.

EQUIPMENT COLLECTION: Please note: Equipment collection will not be before 5 days after the request of collection. Please make client or family aware when discussing provision.

Am immersive surface helps redistribute pressure



Mattresses:



Foam Overlay:

- Low risk patients with no pressure damage and can reposition themselves.



Premier MaxiGlide:

- Patients up to moderate/high risk but can reposition themselves.
- Glide system reduces shear when on a profiling bed.



Repose Overlay:

- For up to category 2, and able to reposition themselves.
- Can be used on a patient's own bed.

Premier Active 2 Hybrid:

- Patients at high risk, up to category 2 who cannot move themselves.
- Dynamic mattress encased in foam.

ROHO:

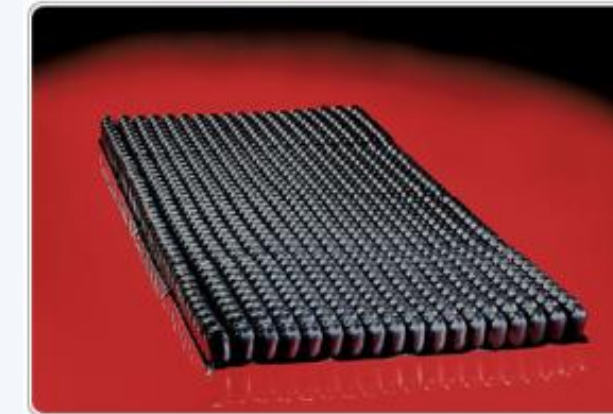
- Suitable for those with multiple areas of pressure damage up to category 4, especially those at low body weight.
- Known as dry flotation, patients are immersed into the mattress.
- Needs to be set up with the patient on it by a clinician.

OSKA series 3 or Talley Quattro

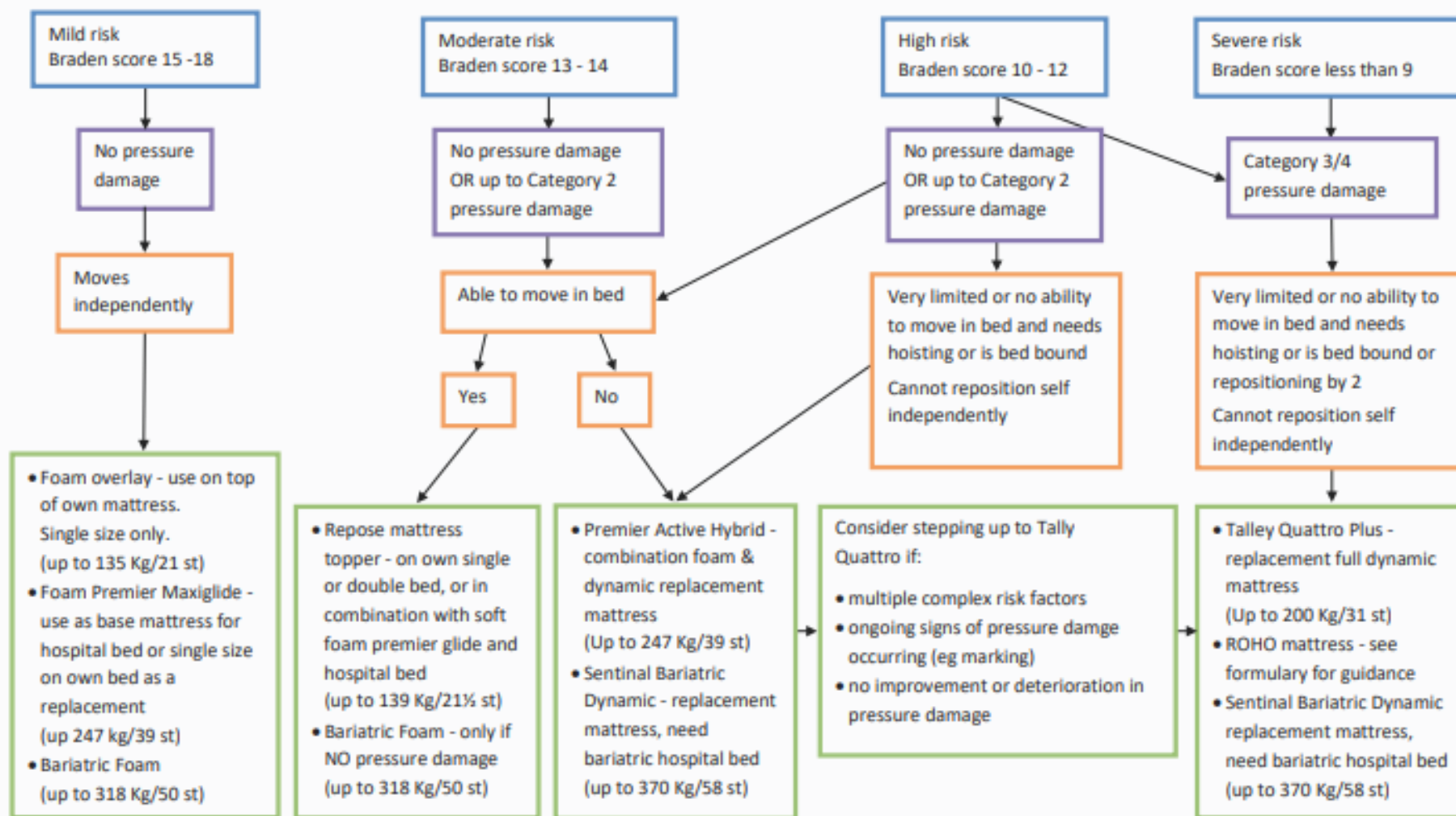
- For patients with category 3&4 pressure ulcers, or those at high risk with multiple risk factors.
- Has 3 comfort settings and a seated setting.

Mattresses:

Caring, safe and excellent



Mattress selection guide in the prevention and management of pressure damage



Tissue Viability/Mattress selection Guide/V3/JUNE2021

Seating

- Those who are wheelchair-dependent refer to Oxfordshire wheelchair service.
- Cushions added to a seat can alter the sitting position of the patient.
- Those sitting in armchairs for long period may need a seating assessment to consider the height and fit of the chair for them. Having a pressure reducing cushion integrated within the chair is the best option.
- Occupational therapists can support seat assessments.





Foam Cushion:

- For low-risk patients with no pressure damage who can reposition themselves and get up independently.



Repose cushion:

- High risk, category 1-2 who can move with or without assistance.
- Good for immersion.

Cushions:

Vicair:

- For patients with category 3-4 pressure damage, or who are at high risk and sit for long periods.
- Ready for immediate use.

ROHO:

- For patients up to category 4 pressure damage or patients who are at high risk who sit for long periods or time or refuse to move.
- Static air, works by immersion.
- Must be set up by clinician.

Starlock:

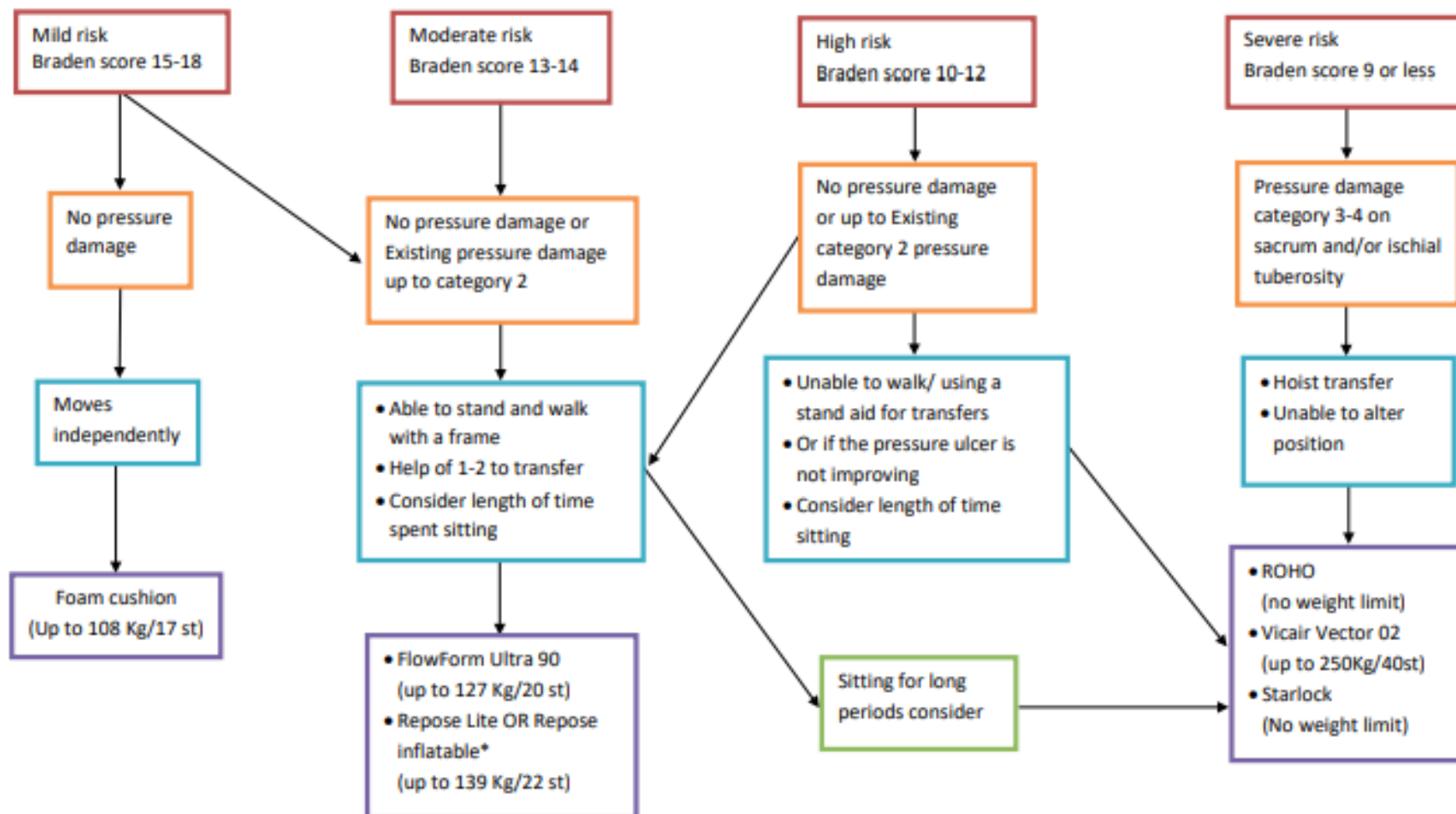
- Uses for patients up to category 4 to offload the pressure underneath the pressure damage by locking off cells, or for posture issues.
- Must be set up by clinician.

Cushions:

Caring, safe and excellent



Cushion selection guide in the prevention and management of pressure damage



Tissue Viability/Cushion selection guide/V3/JUNE2021

Heel Protectors:



Repose Boots (with or without magnets):

- Air filled boot with an area under the heel which totally offloads the heels.
- Middle channel reduced pressure onto the Achille's tendon.
- Not suitable for pressure damage to other aspects than the heel on the foot.
- SHOULD NOT BE PUT IN A PILLOWCASE.



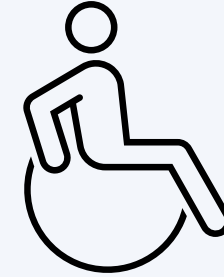
Heelift Glide:

- For patients with pressure damage to other aspects of the foot – the foam can be cut/shaped to offload.
- Extra piece of foam to manage foot drop or to prevent pronation.
- Single use.

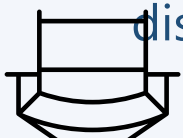
**MATTRESSES
DO NOT
OFFLOAD HEELS**



Bespoke Equipment:



- Patients with Wheelchair Service provided wheelchairs will need referring to them for cushion support.
- Not all catalogue options will meet patient's needs.
- If patients do not concord with equipment, please refer to Tissue Viability.
- We often need to work with other professionals to meet patients' clinical needs.
- Unfortunately, although patient comfort is considered, our main goal is pressure relief and there are often other contributing factors to discomfort.



What is your responsibility as a prescriber?

- Any risk assessments to make sure it is safe for the patient,
- Checking that the equipment has arrived and is set up correctly for use,
- Advising the patient, family, carers what to look out for, especially in the event of failure,
- Any checks/re-inflation of the equipment.

NHS
Oxford Health
NHS Foundation Trust

TISSUE VIABILITY EQUIPMENT REQUEST FORM
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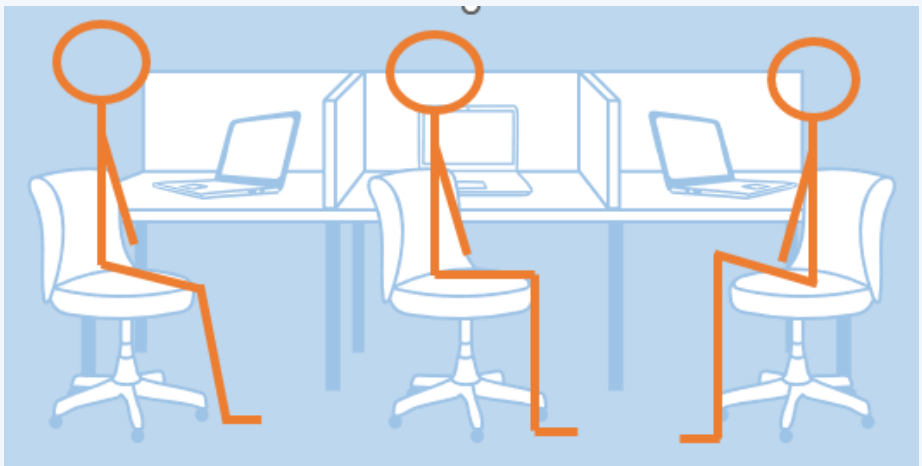
KEEP MOVING & Posture

- Is the person able to move themselves? Do you just need to prompt them?
- Do they need mobility aids to be independent?
- Some people may have too much movement, for example, if they are fidgety, have a tremor, or are confused
- Do they need assistance? Manual handling risk assessments & aids ?MDT involvement
- If someone is immobile, try to plan repositions around the person's routine:
 - when do they eat? (a good time to sit up or in a chair)
 - when do they need to go to the toilet?



Consider posture – are there three shearing forces?

SEATED



Consider chair height

Slumped?



Unsupported limbs can result in joint problems & contractures

LYING



Repositioning

- How often? 2-3 hourly based on skin inspection. This should be an individual plan of care based on their risk level.
- What is a reposition? – micro or macro? Is the same area still taking weight eg sitting in chair to sitting in bed
- Do not reposition onto an already reddened area.
- inspect skin more frequently to identify skin changes early
- Any blanching erythema, monitor how long the skin takes to recover. Over 10 minutes and that skin is shouting for help, reduce time spent on that area of skin.
- Use pillows or other devices to ensure the person is well supported and comfortable or they will move from the position you put them in



The 30-degree tilt

Evidence has shown the most effective position for preventing pressure ulcers is the 30-degree tilt. This is preferable in most cases to lying at 90 degrees right on the hip.

The 30-degree tilt





Leaflet on TV Website, PRESSURE Tab, Resources

Incontinence & Moisture:

Long-term exposure of the skin to moisture is harmful and can lead to moisture-associated skin damage (MASD). It impairs the skin's barrier function increasing the risk of infection and pressure damage.

Identify the cause of moisture-related skin damage

- Is the patient incontinent?
- Does the patient have:
 - a raised temperature?
 - localised oedema
 - increased sweating?
 - leakage from a wound or stoma?
 - saliva on the skin?

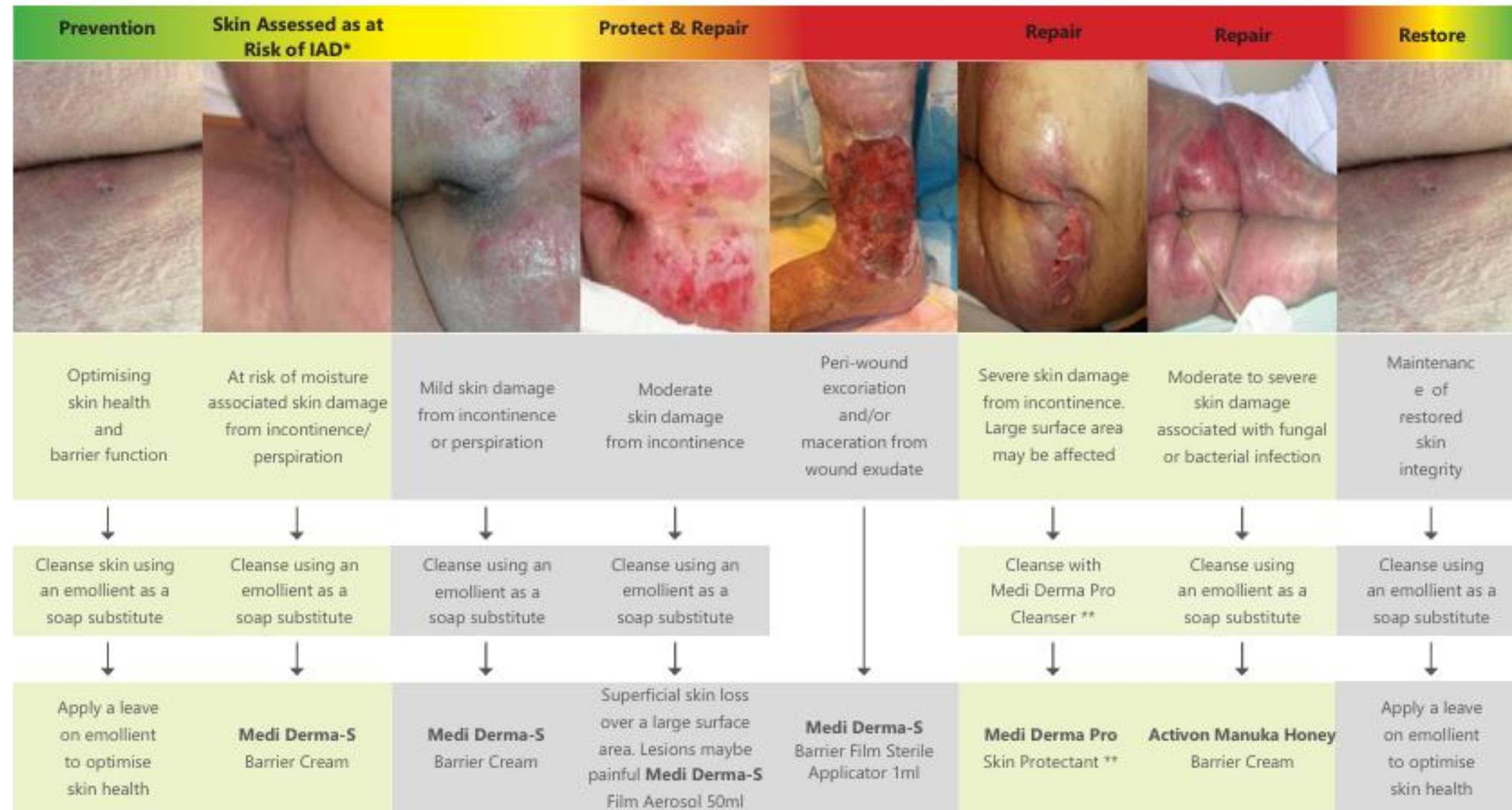


Management

- Where possible, manage the cause of the increased fluid
- Continence assessment, refer Bladder & Bowel, Stoma Nurses
- Manage – toileting regimen, continence aids, pads, exudate management, compression bandaging
- Ensure the skin is kept clean and dry
- Skin cleansing – **NO SOAP**, emollient as a soap substitute
- Emollient to maintain skin barrier function
- Consider a barrier product



Skin Barrier Management Pathway



NUTRITION

There is a relationship between nutritional status and pressure injuries.

Underweight

- pressure damage to bony areas can be more common.

Overweight:

- the skin under and between folds can be moist, leading to skin breakdown.
- Pressure between the skin and the surface is increased in all positions by increased body weight.

Can be misleading:

- A sudden **unplanned change in weight** is a risk factor.



Screening

It is good practice to conduct nutritional screening for individuals at risk of a pressure injury (NPIAP/EPUAP/PPPIA, 2025)

- Measure weight & BMI
- Children – BMI z-scores
- **Adults over age 18** – Malnutrition Universal Screening Tool – **M.U.S.T.**
- **Children 1 month to 18yrs** – Screening Tool for Risk on Nutritional Status and Growth – **S.T.R.O.N.G.**

Caring, safe and excellent

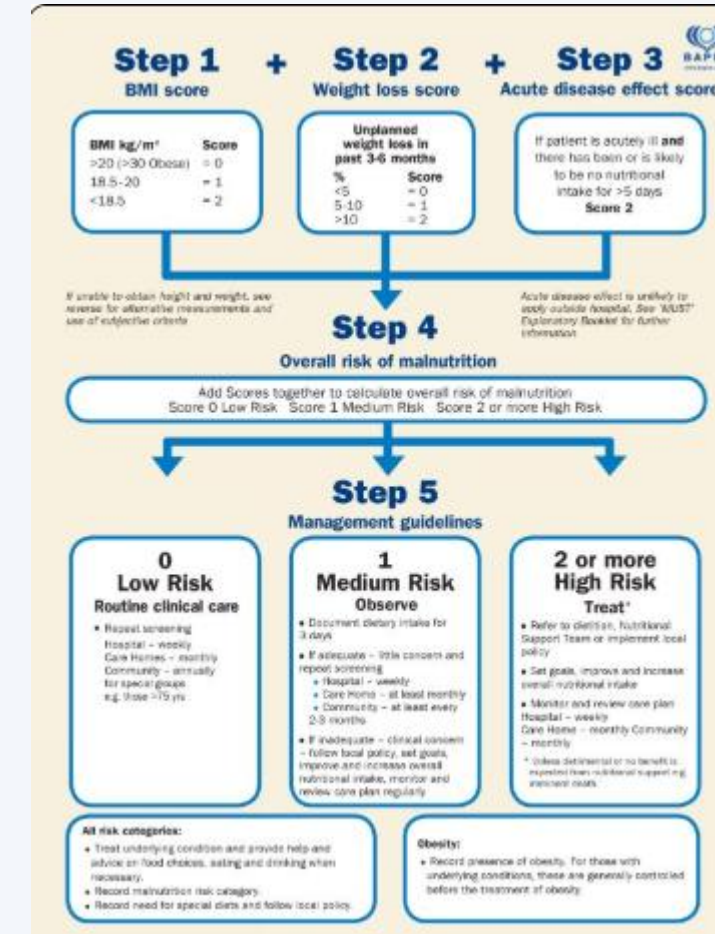
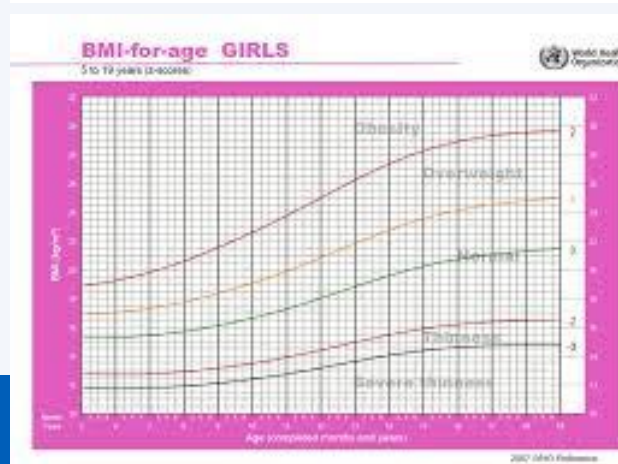
STRONG kids Nutritional Screening Tool

Screening for risk of malnutrition: Once a week in children aged 1 month – 18 years		Score → points	
Is there an underlying illness with risk of malnutrition (see list) or expected major surgery?	No	Yes →	2
Is the patient in poor nutritional status judged by subjective clinical assessment? (See guide)	No	Yes →	1
Is one or more of the following items present? • Excessive diarrhoea (≥5 per day) and/or vomiting (≥3 per day) • Reduced food intake during the last few days • Pre-existing nutritional intervention • Inadequate nutritional intake due to pain	No	Yes →	1
Is there weight loss or no weight gain (infants < 1 year) during the last weeks or months?	No	Yes →	1

List of underlying illnesses with risk of malnutrition	Anorexia nervosa Burns Bronchopulmonary dysplasia (<2yrs) Crohn's disease Cystic Fibrosis Dysmaturity/prematurity	Cardiac disease Infectious disease (AIDS) Inflammatory bowel disease Cancer Liver disease, chronic Kidney disease, chronic Pancreatitis	Short bowel syndrome Muscle disease Metabolic disease Trauma Learning difficulties Expected major surgery Other not specified (classified by d)
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Guide to assessing nutritional status	The following are all signs/symptoms to suggest the possibility of poor nutritional status. They are NOT exclusive and should be regarded within the whole clinical picture. • Visual evidence of wasting, for example, drawn appearance, loose/baggy clothing or wearing clothes a number of sizes too small for age • Pale complexion, thin hair, untreated or slow to heal wounds • Children with a history of extreme food refusal • Falling centile positions for weight, decelerated weight and height/length centiles
---------------------------------------	--

Risk of malnutrition and need for intervention		
Score	Risk	Intervention and follow-up:
4-5 points	High risk	Consult specialist/doctor for full diagnosis; If indicated refer to dietician for individual nutrition advice and follow up. Consider prescribing supplements whilst awaiting confirmation of status (with advice from doctor) If discharged home, include nutritional risk score on discharge summary
1-3 points	Medium risk	Consider nutritional intervention. Check weight twice weekly and repeat screening score weekly. If necessary, consult specialist/doctor for full diagnosis. If discharged home, include nutritional risk score on discharge summary
0 points	Low risk	No nutritional intervention necessary Check weight and repeat screening tool weekly. If discharged home, include nutritional risk score on discharge summary



FURTHER ASSESSMENT

- Can the person reach the food or drink?
- Can they hold and manipulate it?
- Are they able to chew effectively without pain or denture movement?
- Are they able to maintain good oral hygiene?
- Do they have any problems with swallowing?
- Mental health & cognition?
- Personal, family, cultural, ethnic & religious dietary practices and preferences
- socio-economic factors or other factors which may be impacting their ability to have a balanced diet.



Onward referral:

- **OT** - can support clients who have difficulties with the physical act of eating.
- **Speech & Language Therapist** - those who are at risk or who have dysphagia
- **Dietician**



NUTRITION

1. **Calories** – pressure ulcers increase your calorie needs.
2. **Protein** – needed to make and repair tissue.
3. **Water** – for transportation of nutrients and to get rid of waste products.
4. **Vitamins & minerals**



A balanced diet – The Eatwell Guide – age 2 & up



You should ask the person about their diet and, where necessary, advise the person about the need for a balanced diet

Food First: Advice for eating if you have lost weight or are underweight



You may have been given this resource because you have lost weight, are at risk of weight loss or are trying to gain weight. If you have swallowing difficulties, specific dietary requirements or have diabetes, this resource may not be appropriate for you. Please speak to a Dietitian for personalised advice.

What do I need to do to prevent further weight loss and promote weight gain?

- ① Aim to have 1 pint of full fat (whole milk) each day (see below) and,
- ② Include 2 high energy snacks each day from the list below and,
- ③ Aim to eat 3 meals a day that have been fortified (see below)

It is recommended to aim for an additional 500 calories (energy) per day to support weight gain. Ideally this should include high protein foods to help prevent muscle loss and restore lost muscle.

PROTEIN

Implement protein supplementation for individuals at risk of pressure injury who have been identified as malnourished or at risk of malnourishment.

Children – refer to dietician

Older adults – 1.2-1.5 g protein per Kg body weight

Critically Ill or obesity – 2g/kg

Protein-rich snacks

You may have been given this leaflet if you have been advised to follow a high protein diet, for example if you are physically active or have muscle wastage, burns, an injury or a wound. You can find these high protein options in most supermarkets. If a supermarket is not stated, the product is available to buy in various shops and/or online. If you need either a lower calorie or energy-dense diet, ask your Dietitian for the best options.

If you have renal disease or have been advised to limit your protein intake, please consult your Dietitian or Doctor before following a high protein diet.

Yoghurts and Milkshakes: (nutrition per pot/bottle unless otherwise stated e.g. per 100g/ml). These products are suitable for vegetarians.

 Aria Protein: 142kcal, 20g protein	 Aria Skyr: 111kcal, 14g protein	 Graham's: 158kcal, 25g protein	 Lindahls PRO+ Kvarg: 92kcal, 18g protein	 Lindahls Kvarg: 81kcal, 15g protein
 Light & Free Skyr: 81kcal, 14g protein	 Fage Total 5% 150g: 140kcal, 13.5g protein (also available in 0% fat)	 Lindahls Protein Pudding: 104kcal, 14g protein	 Sainsbury's Skyr: 106kcal, 14g protein	 Müller Skyr: 250kcal, 13g protein
 Aldi Protein Pudding: 93kcal, 20g protein	 Aldi Chocolate Mousse: 152kcal, 20g protein	 Aldi Protein: 144kcal, 25g protein (also available in a pouch)	 Aldi Skyr: 112kcal, 12g protein	 Aria Protein Pouch: 146kcal, 20g protein
 Graham's Skyr: 130kcal, 15g protein	 Aldi Granola Protein: 202kcal, 22g protein	 Biotiful Kefir Protein: 165kcal, 30g protein	 Alpro Soya Greek-Style Skyr: 89kcal, 14g protein	 Muller Light Skyr: 89kcal, 14g protein
 Fage: Per 100g: 54kcal, 10g protein	 Lindahls Kvarg: Per 100g: 56kcal, 10g protein	 Aldi: Per 100g: 63kcal, 11g protein	 Aldi Protein Drink: 244kcal, 25g protein	 Lindahls Yogurt Drink: 144kcal, 23g protein
 Aldi PRO MLK: 188kcal, 22g protein	 Barebells Shake: 182kcal, 24g protein			

Products accurate as of March 2023 - Protein Rich Snacks Version 1.0 Authors: Buckinghamshire, Oxfordshire and Berkshire West ICB Prescribing

Food Fortification:

The easiest way to increase protein intake and calories is through fortifying milk with milk powder:

- 1 pint of whole milk + 4 tablespoons of milk powder = lots of calories and protein.
- This can be used in drinks, porridge, soup, milkshakes, mash, etc.

Caring, safe and excellent

Food First: Advice for eating if you have lost weight or are underweight

NHS **BOB** Buckinghamshire, Oxfordshire and Berkshire West Integrated Care System

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- ③ Aim to eat 3 meals a day that have been fortified (see below)

It is recommended to aim for an additional 500 calories (energy) per day to support weight gain. Ideally this should include high protein foods to help prevent muscle loss and restore lost muscle.

① Aim to have 1 pint of full fat (whole milk) each day:

- Swap to full fat (whole milk) as this contains extra calories.
- Fortify a pint of whole milk by adding 4 tablespoons of skimmed or whole milk powder.
- Add the milk powder to a jug, stir in a small amount of milk to make a paste then slowly add the remaining milk whilst mixing to remove any lumps. Cover and store in the fridge, using within 24 hours. Use for making hot drinks, cereal, porridge, desserts and in cooking e.g. in mashed potato.
- If you use milk alternatives, soya is the highest in terms of protein content. Whichever you use, choose the one that has the highest calories (kcal) and protein per 100mls and one fortified with calcium and iodine. 'Barista' and 'Whole' versions are higher in energy.
- You can also buy over-the-counter nutritional supplements e.g. Aymes Retail®, Complian®, Meritene Energis® or Nurishment®, Huel® Powder or Protein Works® Complete 360 Meal. Make these up with whole milk rather than water.

Have a homemade milkshake twice per day:

Homemade milkshakes can be more affordable and just as nutritious. Give our recipe a go:

- 180mls of full fat (whole) milk
- 4 tablespoons (36g) of skimmed milk powder (supermarket own or Marvel®. If you can obtain whole milk powder e.g. Nido®, it will provide more calories but is slightly lower in protein).
- 4 teaspoons (16g) of milkshake powder with added vitamins and minerals (e.g. Aldi® Cowbelle Milkshake Powder, Lidl® Goody Cao, Asda®, Morrisons® or Tesco® Milkshake Mixes, Nesquik®)

Directions: Using a fork or a shaker, blend the dried milk powder and milkshake powder together with a little milk. Gradually mix in the remaining milk until dissolved, then serve.

Recipe made with skimmed milk powder provides approximately 320kcal and 19g of protein.
You can increase the calories further by adding double cream, whipped cream or ice cream.

Prefer hot drinks?

Swap out the milkshake powder for 3-4 tsp of hot chocolate, Ovaltine® or Horlicks® powder (follow quantity on the instructions). A hot chocolate with 2 tbsp of double cream stirred in can provide 440kcal and 16g protein. Adding whipped cream and marshmallows will increase it even further!

Food First: Advice for eating if you have lost weight or are underweight Version 1.0 Authors: Buckinghamshire, Oxfordshire and Berkshire West ICB Prescribing Support Dietitians. Approved by BOB APC: July 2023, Review July 2026.

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ford Health Foundation Trust

Hydration

Water makes up two-thirds of our body.

Needed to transport vitamins, minerals and nutrients through the body, and to eliminate waste products.

Dehydration can cause the skin to be dry, impair the barrier function and put us at higher risk of pressure damage.

In healthy individuals, water/fluid intake should be approximately 30 ml/Kg of body weight/day.

Caution: fluid restrictions? Diarrhoea, vomiting, temperature, sweating, high exudate levels from wounds

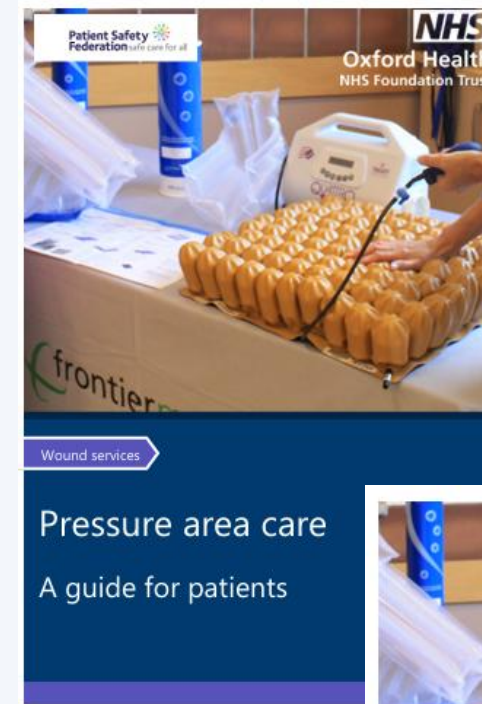


Giving Information

- To the patient
- Their carer/family
- Keep information clear and simple and ensure the person knows who to contact if they notice any changes in their pressure areas.

What information?

- Outcome of PURPOSE-T – 'at risk'
- Reasons why at risk – what yellow, amber or red boxes did you tick?
- Discuss and agree proposed management plan for those risk factors
- Leaflets – PU, Equipment, on TV Website



Giving information

1



Documentation is key



Do I need to escalate?

Deterioration? Refer to Tissue Viability

Pressure ulcer not healed in 12 weeks – refer to tissue viability

GP? Pressure ulcers don't need antibiotics unless showing signs of spreading or systemic infection (consider exposed structures)

Cat 3 or 4 – sepsis risk – monitor

Exposed bone – risk of osteomyelitis

Plastics? Follow OUH guidance – Link in policy



- Policy Go Live 1st April – stop Braden & start PURPOSE-T – ALL PATIENTS!
- This session will be recorded & on L&D site for those unable to attend
- Ongoing training on staff matrices after 1st April

Before I forget - Evaluation



