

## Wound Assessment Parameters and Definitions

**Pain:** Quantified on the Visual Analogue Scale where 0 = no pain and 10 = excruciating as described by the patient/client/resident

**Size:** Measurements of the wound

<b>Length</b>	From edge to edge, the longest measurement of the wound
<b>Width</b>	From edge to edge, the widest measurement of the wound at right angles to the length
<b>Depth</b>	The deepest vertical measurement from the base of the wound to the level of the skin
<b>Undermining</b>	A destruction of tissue that occurs underneath the intact skin of the wound perimeter
<b>Sinus/Tunnel</b>	A channel that extends from any part of the wound and tracks into deeper tissue.
<b>Fistula</b>	An abnormal track connecting an organ to the skin surface, wound bed or to another organ.

**Wound Bed:** The type of tissue or tissue structure(s) observed within the wound

<b>No open wound</b>	Tissue damage noted but the skin is still intact
<b>Epithelialized tissue</b>	Covered completely with new epithelial tissue
<b>Hematoma</b>	Localized collection of blood
<b>Blister</b>	An elevation or separation of the epidermis tissue containing fluid
<b>Weepy skin</b>	Drainage but no obvious open areas noted
<b>Scab</b>	Superficial, dry crust
<b>Superficial pink, red</b>	Clean, open pink/red area with non-measurable depth
<b>Friable</b>	Fragile tissue that may bleed easily
<b>Malignant</b>	Cancerous tissue
<b>Fungating tissue</b>	Cancerous or non cancerous rapidly growing tissue; appears cauliflower-like
<b>New tissue damage</b>	New damage due to pressure or trauma on an <u>open</u> wound bed; presents as dark purple, deep red or grey coloured tissue
<b>Hypergranulation</b>	Red, moist tissue raised above the level of the skin (proud flesh)
<b>Non-granulation tissue</b>	Moist, red (pale to bright) non-pebbled tissue
<b>Granulation tissue</b>	Firm, red, moist, pebbled healthy tissue
<b>Slough</b>	Dry or wet, loose or firmly attached, yellow to brown dead tissue
<b>Eschar – dry, stable</b>	Firm, dry necrotic tissue with an absence of drainage, edema, erythema or fluctuance. It is black or brown in color and is attached to the wound edges and wound base
<b>Eschar – soft, boggy</b>	Soft necrotic tissue which is black, brown, grey, or tan in color. It may be firmly or loosely attached to the wound edges and wound base; fluctuance and drainage may be present.
<b>Adipose</b>	Layer of yellow globular tissue where fat is stored
<b>Fascia</b>	Tough silvery white tissue found covering muscle or within a muscle group
<b>Muscle</b>	Red, firm, striated tissue
<b>Tendon</b>	Shiny white cord of fibrous connective tissue that connects muscle to bone
<b>Bone</b>	Hard, rigid white connective tissue
<b>Underlying tissue structure</b>	Structures such as cartilage, joints or ligaments
<b>Foreign body</b>	Objects such as mesh, hardware, suture(s)
<b>Fully callused</b>	Wound bed that is 100% covered with a callused tissue. Do not use this choice for a open wound with a callused edge.
<b>Epithelial islands</b>	Within an open wound bed, islands (small areas) of epithelial tissue proliferating and migrating from the center to the edge of the wound
<b>Biochemical wound product</b>	Residual/remaining biochemical wound care product in wound bed
<b>Not visible</b>	A portion or all of the open wound bed that cannot be visualized



**Exudate Characteristics:** appearance of the wound's exudate

Serous	Thin, clear, yellow
Sanguineous	Bloody
Sero-sanguineous	Combination of both serous and sanguineous exudate
Purulent	Thick, cloudy
Other	

**Exudate Amount:** Wound drainage amount considered in relationship to the size of the wound

Nil	
Small/scant	
Moderate	
Large/copious	

**Odour:** Unpleasant smell noted from wound after cleansing

**Wound Edge:** The perimeter of the wound

Diffuse	Not well defined, indistinct, difficult to clearly define wound outline
Demarcated	Well defined, distinct, easy to clearly define wound outline
Epithelializing	New, pink to purple, shiny migrating tissue
Attached	Edge appears flush with wound bed or as a "sloping" edge
Non-attached	Edge appears as a "cliff"
Rolled	Epithelial wound edge of a cavity wound which rolls under
Callused	Hyperkeratosis, thickened layer of epidermis
Scarred	Fibrotic regenerated tissue following wound healing

**Periwound Skin:** Surrounding area immediately adjacent to the wound edge

Intact	Unbroken skin
Fragile	Skin that is at risk for breakdown
Dry	Flaky skin
Rash	Temporary eruption on the skin-often raised, red, sometimes itchy
Macerated	Wet, white looking skin
Erythema	Redness of the skin; may be intense bright red to dark red
Indurated	Abnormal firmness of the tissues with palpable margins
Increased warmth	Increased warmth when compared to skin in adjacent area
Excoriated/denuded	Superficial loss of tissue
Weepy	Moist, draining areas
Boggy	Soft, spongy tissue
Blister	Elevation or separation of the epidermis containing fluid
Tape tear	Superficial skin loss due to tape
Edema	Interstitial collect of fluid
Bruised	Dark red purplish blue tissue that fades to yellow green grey depending on the skin colour
Callused	Hyperkeratosis, thickened layer of epidermis
Erythema >2cm	Redness of the skin; may be intense bright red to dark red
Indurated >2cm	Abnormal firmness of the tissues with palpable margins
Increased warmth	Increased warmth when compared to skin in adjacent area

**References:**

Ruth A Bryant, Denise P. Nix Acute and Chronic Wounds, Current Management Concepts 3<sup>rd</sup> Edition. Mosby Inc.; 2007.

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