Wound A	ssessment Form (Complicating Clin	nical Factors	Page   1 of 2		
Facility:	Resident Name:	Health Care Insurance/Medicare:			
Address:	DOB: / / li	Insurance/Medicare#			
Dharras					
Phone: Braden Score: Braden Risk:	Gender: M F P	Physician Name			
Advanced to next level of risk due other major risk factors:					
☐ Yes ☐ No See page 2 Complicating Factors					
Date Wound ID'd:   New Wound	Etiology:	Depth of Tissue Injury:			
□ Recurrence-Same etiology/same location	□ Pressure □ Venous Non-PrU:		<u>PrU:</u>		
□ Date of Last Recurrence:	□ Arterial □ Neuropathic □	□ Partial	□ Stg I □ Stg II □ Stg III □ Stg IV □ sDTI		
LOCATION: (Describe anatomically: i.e. L-trochanter)		☐ Full Thickness	<ul><li>Unstageable: (check reason below)</li></ul>		
	Mixed (describe)		□ Non-removable dressing/device;		
			☐ Slough/eschar; ☐ Deep tissue injury		
Measurements (cm)	Wound Bed		Pain		
Lcm Wcm Dcm	Tissue Type/Color & percent		□ None □ Yes: Intensity Rating (1-10)		
If utd, describe why:	<ul><li>□ Dermal Base (Pink/Red) *Partial or Stg II</li><li>□ Granulation:</li></ul>		Location:		
Undermining or Tunneling (cm)	□ Pink, Red; Healthy		Nature/Type Radiate/local		
U / To'clock	□ Pale Pink/Red; hypogranular tissue	•	Chronic wound pain		
U / T cm @ o'clock	☐ Hypergranulation tissue		☐ Cyclical acute wound pain (eg. dressing change)		
Exudate	= Dad Friable (fragile/blends) and/or Duslay		□ Noncyclical wound pain (eg. debridement)		
Amount:  None;  Scant/Min;  Mod;  Hvy/Copious	□ Necrotic:%	· ·	Frequency: Local/systemic Rx?		
Consistency:   Sanguinagus /blanding	☐ Slough (white/yellow/gray)		□ Yes (Describe Rx)		
□ Sanguineous/bleeding	5 1 (1 1 1 1 1 1 1 1		Wound Healing Status		
<ul><li>□ Serosanguineous</li><li>□ Purulent</li></ul>	□ Eschar (unstable/fluctuant/mushy/boggy)		PuSH Score:		
□ Purulent Odor*: □ None; □ Min.; □ Mod.; □ Strong/feul	□ Other: (eg. tendon/muscle/bone)		Clinically Presenting as:		
*Assess after dressing removal & cleansing	Want Eday / Baring and		□ Acute <i>or</i> □ Chronic, <i>and</i> :		
Assess after aressing removal & cleansing	Vound Edges/Periwound		□ Progressing well; as expected		
Infection/Critical Colonization	Wound Edges/Margins Periwound Tiss		□ Stable wound bed maintained, per goal		
□ None or n/a □ Yes, the following noted:	□ Edge epithelializing □ Intact/Uninve	olved tissues	□ Plateau, stalled but healing expected		
Localized s/s: Systemic s/s:	flush w/wound base		□ ↑size noted s/p debridement activity		
□ Non-healing □ Size↑	☐ Edge attached to base ☐ Inflamed/Ery	/thematic	□ ↑exudate noted s/p debridement activity		
□ Exudate↑ □ Temperature↑ □ Red-friable □ Osteo (probes to bone)	☐ Edge not attached to base ☐ Indurated/Fir	rm	□ ↑necrotic tissues as sDTI now declared		
□ Red-friable □ Osteo (probes to bone) □ Debris □ New breakdown	☐ Well defined wound edges ☐ Fluctuance/B	Boggy tissue	□ Declining (See Infection/Critical Colonization		
□ Smell/Odor □ Exudate↑	☐ Irregular wound edges ☐ Excoriated/De	enuded	box)		
□ New onset of pain □ Erythema/Edema	□ Epiboly/Rolled □ Deep red/pur	rple hue (sDTI)	Other related factors		
□ Pain > than expected □ Smell/Odor	□ Hyperkeratotic (callous) □ Sclerotic tissu		□ None		
□ Culture: □ Biopsy:	☐ Fibrotic, scarred ☐ Other-eg wee	eping, dry,	☐ Yes*-Clinically complicating factors noted		
*Initiate localized or systemic Rx if 3 or more criteria	□ Other rash, blister		*Continue documentation onto pg 2 of wound		
noted per NERDS or STONEES lists.			assessment form. (Other considerations for tx.)		
Noninvasive Vascular Tests for Lower Extremity					
Pedal Pulses:	□ Capillary Refill: □ < 3s; □ > 3	Bs	☐ ABI Screening Results:		
□ Dorsalis pedis: □ Present; □ Absent; □ Diminished; □ B	• • •		<u>-                                      </u>		
□ Posterior tibialis: □ Present; □ Absent; □ Diminished; □			□ N/A		
Wound Assessment - Evidence of wound improvement or o	<u> </u>		2.147.		
□ ♥ ↑Drainage □ ♥↑Inflammation □ ♥↑Swelling/Ede	ma □�♠Pain/tenderness □�♠Wound Size	e (LxWxD) □ <b>↓</b>	↑Size of Undermining/Tunneling		
□ ♦ Granulation % □ ♦ Necrotic %			and the literature of the second control of		
No improvement noted s/p 30 days; (NOTE: Consider ne that may be inhibiting wound healing, or a new treatmer					
Treatment Plan	te approach melading selection of dressing(s), e	areasing combine	ation analysis roc.		
Debridement Tuner = n/e	Topical Rx:   None  Yes,	,	Frequency:   Daily   3X/wk		
Debridement Type: □ n/a □ Autolytic □ Enzymatic			Frequency:		
□ Mechanical: (ex) wet-to dry			□ Other:		
□ Surgical □ Sharp □ Other	Systemic Rx:   None  Yes,  Incontinence POC:  n/a  Yes  Pressure redistribution device:  n/a  Yes		_ 5		
Therapeutic Goals/Clinical Rationale	Dressing Change Protocol:				
merapeutic Guais/ clinical nationale	Diessing Change FlotOcol:				
Referral Recommendations:	Other Interventions:				
□ Vascular consult □ Nutrition consult;	AIDME FAIL OIL LINE 6				
□ Infectious disease □ Psych/counseling-resident/family □ PT: □ OT: □ SI P: □ Other	□ NPWT; □ E-stim; □ Other modalities/inte	erventions:			
LIELLI OTETESTE OTNET	1				

Resident Name:					
Complicating Clinical Factors	Details - Identify variables/factors impacting resident's condition or ability to progress towards wound closure				
□ Age	□ > 65 years of age				
□ Chronicity	☐ Stage II or Partial Thickness Wound w/o evidence of expected healing by 1-2 weeks ☐ Stage III, IV or Full Thickness Wound w/o expected reduction in size following 2-4 weeks of therapy				
□ Cognitive status	□ Dementia □ Other Cognitive Impairment:				
Comorbidities	□ Diabetes □ PAD □ ESRD □ Malignancy □ Anemia □ Other: □ Thyroid Disease □ CHF □ Immune Deficiency Dx:				
□ Incontinence	□ Urinary □ Fecal □ Both □ Other Condition (ie, Cdiff):				
□ Location	□ Pelvic/sacral region; prone to urine/feces contamination; □ Atypical wound location □ Difficult to dress location □ At vulnerable pressure point (sacrum, heels, coccyx, trochanters, ischial tuberosity, occiput)				
□ Medications	<ul> <li>□ Rx affecting immune system, host defenses and/or skin integrity (Corticosteroids, immunosuppressives, sedatives, anticancer Rx, antiembolic/anticoagulant Rx)</li> <li>□ Other:</li> </ul>				
<ul> <li>Mobility Impairment/</li> <li>Repositioning &amp; increased</li> <li>risk for friction/shear</li> </ul>	□ Impaired Mobility and/or decreased functional ability due to: □ Condition(s) preventing repositioning/pressure redistribution (contractures, severe arthritis)				
<ul> <li>Sensory deficits/ neurosensory conditions</li> </ul>	<ul> <li>□ Reduced Braden Sensation Perception Score □ Neurological Disease/Condition:         (ie Parkinson's disease, Peripheral Neuropathy, Spasticity, Multiple Sclerosis, CVA)</li> <li>□ Other similar neurologic conditions:</li> </ul>				
□ Nutrition/hydration deficits	□ Presence of Malnutrition □ Presence of Dehydration □ Skin Turgor □ Lab Values if available: Albumin Prealbumin; Creatinine; BUN				
□ Pain	□ Presence of wound related Pain □ Pain Rating/Intensity: Pain Type: □ Intermittent □ Constant				
□ Poor Prognosis	□ Terminal Disease □ Systemic Infection □ Other: □ Maintenance Goal Appropriate to Implement				
□ Psychosocial/ Behavioral Issues	□ Refusal of care and/or treatment □ Poor adherence to interventions □ Behavior r/t dementia, delirium or psychosis, <b>depression</b> ; fear of falling				
□ Skin-Integrity impairment	□ Advanced Age related skin changes □ Other skin condition or alterations (ie, dermatitis, skin tear, moisture associated skin damage): □ h/o wound at same location; Include Dates of Recurrences if known:				
□ Vascular/ Cardiovascular condition	□ Impaired diffuse/systemic blood flow (Cardiovascular disease/condition, CHF, DM, general atherosclerosis): □ Impaired localized blood flow (PVD: ie LE arterial/venous insufficiency, or edema) □ Other:				
□ Wound decline/ complications	□ h/o or currently presenting with Cellulitis or Osteomyelitis □ Other s/s of decline:				
<ul> <li>Other barriers to examination, healing, or altered tissue tolerance or integrity.</li> </ul>	□ Non-removable dressing/device limits monitoring of wound status/progress □ Identified at Mod or High Risk (Braden/Norton) □ ↑Bioburden/Critical Colonization □ Infection □ Other unmodifiable factors that impair wound healing:				
Other Clinically Complicating Factors / Ot	her Comments en				
	Date:				
Dhysician's Signatura	NDL4.				
	NPI #: Phone:				
	Fax:				
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# **Protocols by Level of Risk**

## AT RISK (15-18)\*

FREQUENT TURNING
MAXIMAL REMOBILIZATION
PROTECT HEELS
MANAGE MOISTURE, NUTRITION
AND FRICTION AND SHEAR
PRESSURE-REDUCTION SUPPORT SURFACE
IF

## **BED- OR CHAIR-BOUND**

\* If other major risk factors are present (advanced age, fever, poor dietary intake of protein, diastolic pressure below 60, hemodynamic instability) advance to next level of risk

#### MANAGE MOISTURE

USE COMMERCIAL MOISTURE BARRIER
USE ABSORBANT PADS OR DIAPERS THAT
WICK & HOLD MOISTURE
ADDRESS CAUSE IF POSIBLE
OFFER BEDPAN/URINAL AND GLASS OF
WATER IN CONJUNCTION WITH TURNING
SCHEDULES

## **MODERATE RISK (13-14)\***

TURNING SCHEDULE
USE FOAM WEDGES FOR 30! LATERAL
POSITIONING
PRESSURE-REDUCTION SUPPORT SURFACE
MAXIMAL REMOBILIZATION
PROTECT HEELS
MANAGE MOISTURE, NUTRITION
AND FRICTION AND SHEAR
\* If other major risk factors present,
advance to next level of risk

#### MANAGE NUTRITION

INCREASE PROTEIN INTAKE
INCREASE CALORIE INTAKE TO SPARE
PROTEINS.
SUPPLEMENT WITH MULTI-VITAMIN
(SHOULD HAVE VIT A, C & E)
ACT QUICKLY TO ALLEVIATE DEFICITS
CONSULT DIETITIAN

#### **HIGH RISK (10-12)**

INCREASE FREQUENCY OF TURNING
SUPPLEMENT WITH SMALL SHIFTS
PRESSURE REDUCTION SUPPORT SURFACE
USE FOAM WEDGES FOR 30! LATERAL
POSITIONIING
MAXIMAL REMOBILIZATION
PROTECT HEELS
MANAGE MOISTURE, NUTRITION
AND FRICTION AND SHEAR

## **MANAGE FRICTION & SHEAR**

ELEVATE HOB NO MORE THAN 30!
USE TRAPEZE WHEN INDICATED
USE LIFT SHEET TO MOVE PATIENT
PROTECT ELBOWS & HEELS IF BEING
EXPOSED TO FRICTION

## **VERY HIGH RISK (9 or below)**

ALL OF THE ABOVE

USE PRESSURE-RELIEVING SURFACE IF PATIENT HAS INTRACTABLE PAIN OR

SEVERE PAIN EXACERBATED BY TURNING OR

ADDITIONAL RISK FACTORS
\*low air loss beds do not substitute for turning schedules

#### OTHER GENERAL CARE ISSUES

NO MASSAGE OF REDDENED BONY
PROMINENCES
NO DO-NUT TYPE DEVICES
MAINTAIN GOOD HYDRATION
AVOID DRYING THE SKIN

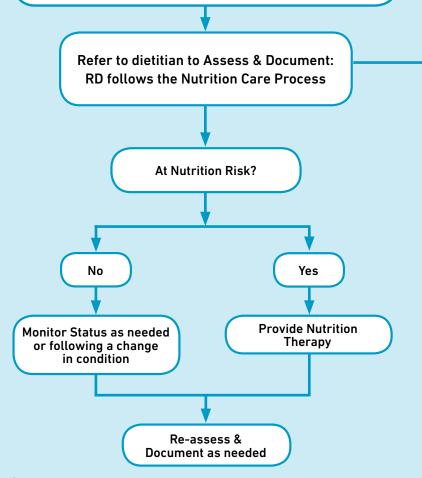
# BRADEN SCALE FOR PREDICTING PRESSURE SORE RISK

atient's Name Evaluator's Name		Date of Assessment				
SENSORY PERCEPTION  ability to respond meaning- fully to pressure-related discomfort	1. Completely Limited Unresponsive (does not moan, flinch, or grasp) to painful stimuli, due to diminished level of con-sciousness or sedation. OR limited ability to feel pain over most of body	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 ½ of body.	3. Slightly Limited Responds to verbal commands, but cannot always communicate discomfort or the need to be turned. OR has some sensory impairment which limits ability to feel pain or discomfort in 1 or 2 extremities.	4. No Impairment Responds to verbal commands. Has no sensory deficit which would limit ability to feel or voice pain or discomfort		
MOISTURE  degree to which skin is exposed to moisture	Constantly Moist     Skin is kept moist almost constantly by perspiration, urine, etc. Dampness is detected every time patient is moved or turned.	Very Moist     Skin is often, but not always moist.     Linen must be changed at least once a shift.	3. Occasionally Moist: Skin is occasionally moist, requiring an extra linen change approximately once a day.	4. Rarely Moist Skin is usually dry, linen only requires changing at routine intervals.		
<b>ACTIVITY</b> degree of physical activity	Bedfast     Confined to bed.	2. Chairfast Ability to walk severely limited or non-existent. Cannot bear own weight and/or must be assisted into chair or wheelchair.	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 room at least twice a day and inside room at least once every two hours during waking hours		
MOBILITY ability to change and control body position	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 Limitation Makes major and frequent changes in position without assistance.		
NUTRITION <u>usual</u> 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 and/or maintained on clear liquids or IV's for more than 5 days.	2. Probably Inadequate Rarely eats a complete meal and generally eats only about ½ 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 per day. Occasionally will refuse a meal, but will usually take a supplement when offered OR is on a tube feeding or TPN 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 & 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.			
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# ALGORITHM FOR PREVENTION OF PRESSURE ULCERS: NUTRITION GUIDELINES<sup>†</sup>

# **Trigger Condition:**

- Unintended wt. loss ≥5% in 30 days; ≥10% in 180 days
- BMI $\S$ < 18.5 (weight (lb) / (height (in) x height (in)) x 703 **or** weight (kg) / (height (m) x height (m))
- Swallowing Problems/dysphagia
- Receiving enteral or parenteral nutrition
- Poor oral intake
- At risk of developing pressure ulcer (i.e., low score on Braden Scale<sup>\Delta</sup>)
- Immobility
- Infections (i.e., respiratory, urinary tract, gastrointestinal)
- Decline in ADLs (activities of daily living)
- Other selected conditions per facility
- § Body Mass Index
- △ Braden BJ & Bergstrom N. Decubitus 1989;2(3):44



## Dietitian Assessment:1

- Current weight/height
- Determine deviation from Usual Body Weight
- Body Mass Index (BMI)
- Interview for Food Preferences/Intolerances
- Determine nutritional needs
- 1. Calories (30-35 kcal/kg body wt (BW)s
- 2. Protein (1.25-1.5 g/kg)
- 3. Fluid (1 mL fluid per calorie intake/d or minimum of 1500 mL/day or per medical condition)
- Compare nutrient intake with nutritional needs: assess adequacy
- Laboratory values (within 30 days)
- 1. Serum protein levels may be affected by inflammation, renal function, hydration and other factors and do not reflect nutritional status
- Consider lab values as one aspect of the assessment process. Refer to facility policy for specific labs
- Risk factors for pressure ulcer development
- 1. Medical history
- 2. Validated risk assessment (i.e., Braden Scale)
- 3. Malnutrition (use screening tool, e.g., Mini Nutritional Assessment (MNA® for ≥ 65 years located at www.mna-elderly.com)
- 4. Medical Treatments
- 5. Medications (review type of medications)
- 6. Ability to meet nutritional needs orally (if inadequate, consider alternative method of feeding) consistent with individual's wishes
- 7. Oral Problems (e.g. chewing, swallowing) EAT-10: A Swallowing Screening Tool available at Nestlé Nutrition Institute (www.nestlenutrition-institute.org)

## **Considerations:**

- Incorporate fortified foods at meals for weight gain
- Provide supplements between meals as needed
- Vary the type of supplements offered to prevent taste fatigue
- Provide preferred food/food substitutions
- At admission weigh weekly x 30 days and then monthly
- Monitor acceptance of food and/or supplements offered
- Monitor tolerance of oral nutritional supplements, e.g., diarrhea
- Provide a vitamin/mineral supplement, if intake is poor
- Provide assistance at meal time, if needed
- Encourage family involvement
- Offer food/fluid at appropriate texture for condition
- Liberalize restrictive diets
- Consult with Pharmacist and provide food and drugs at appropriate times and amounts
- Consider alternative method of feeding and if consistent with individual's wishes and goals of therapy:
  - 1. Provide tube feeding to meet needs per assessment
  - 2. Monitor tolerance, if needed recommend a specialty formula
  - 3. Provide parenteral nutrition when gut is non-functioning

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<sup>&</sup>lt;sup>1</sup> National Pressure Ulcer Advisory Panel and European Pressure Ulcer Advisory Panel. Prevention and treatment of pressure ulcers: clinical practice quideline. Washington DC: National Pressure Ulcer Advisory Panel; 2009.

<sup>†</sup>These are general guidelines based on various clinical references and are not intended as a substitute for medical advice or existing facility guidelines. An individual assessment is recommended.

# ALGORITHM FOR TREATMENT OF PRESSURE ULCERS: NUTRITION GUIDELINES<sup>†</sup>

#### **Trigger Condition:** Medical records confirm presence of Pressure Ulcer/s Assess:1 • Caloric needs ...... 30-35 kcal/kg body wt (BW) Protein needs...... 1.25 g -1.5 g/kg BW • Fluid needs.......... 1 mL/kcal or minimum of 1500 mL/day (unless medically contraindicated) • Evaluate current dietary intake • Evaluate amount and quality of protein provided Document: RD follows the Nutrition Care Process (NCP) Is Weight Document Plan for Fluid/Protein Intake stable? Consider hydration pass between meals • Provide preferred fluids with meds • Protein supplements No Yes Outcome If goal of Reassess therapy is as complete Consult Prevention Plan plus needed & healing, • é Calories, Protein & fluid Poor document monitor with • MVI\* to meet Dietary Recommended Intakes intake: PUSH Tool. Fortified Foods not a tube · Weekly weights Document as feeding needed Consider Oral Supplements candidate Document Plan: RD follows NCP \*vitamin/mineral supplement See Considerations Yes Consider: Requires additional protein Reassess High protein formula weeklv. Poor NO. Document: intake: Formula Yes Consider: Lower candidate Poorly controlled diabetes tolerance; carbohydrate formula for tube meeting feeding 100% of N<sub>0</sub> Consistent estimated Yes Consider: Peptidewith goals of nutritional Malabsorption therapy and based, high MCT formula needs from individual's TF formula N<sub>0</sub> wishes and modular/s as needed Yes Consider: Lower Renal failure electrolyte formula

## Dietitian Assessment:1

- Current weight/height
- Determine deviation from Usual Body Weight
- Body Mass Index (BMI)
- Interview for Food Preferences/Intolerances
- Determine nutritional needs
- Laboratory values
- Serum protein levels may be affected by inflammation, renal function, hydration and other factors and do not reflect nutritional status
- 2.Consider lab values as one aspect of the assessment process. Refer to facility policy for specific labs
- Risk factors for pressure ulcer development
- 1. Medical history
- 2. Validated risk assessment (i.e. Braden Scale)
- 3. Malnutrition (screening tool i.e., Mini Nutritional Assessment (MNA® for >65 years located at www.mna-elderly.com)
- 4. Medical treatments
- 5. Medications (type of medications)
- Ability to meet nutritional needs orally (if inadequate, consider alternative method of feeding) consistent with individual's wishes
- Oral Problems (i.e. chewing, swallowing) EAT-10:
   A Swallowing Screening Tool, available at Nestlé
   Nutrition Institute (www.nestlenutrition-institute.org)

# **Considerations:**

- · Incorporate fortified foods at meals for weight gain
- Provide supplements between meals as needed
- Vary the type of supplements offered to prevent taste fatigue
- Provide preferred food/food substitutions
- At admission weigh weekly x 30 days and then per policy
- Monitor acceptance of food and/or supplements offered
- Monitor tolerance of supplements, e.g. diarrhea
- Evaluate lab values when available
- Provide assistance at meal time if needed
- Encourage family involvement
- Offer food/fluid at appropriate texture for condition
- Liberalize restrictive diets
- Consult with pharmacist and provide food and drugs at appropriate times and amounts
- Consider alternative method of feeding and if consistent with individual's wishes and goals of therapy:
  - Provide parenteral nutrition for non-functioning GI tract

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<sup>&</sup>lt;sup>1</sup> National Pressure Ulcer Advisory Panel and European Pressure Ulcer Advisory Panel. Prevention and treatment of pressure ulcers: clinical practice guideline. Washington DC: National Pressure Ulcer Advisory Panel; 2009.

<sup>†</sup>These are general guidelines based on various clinical references and are not intended as a substitute for medical advice or existing facility guidelines.

An individual assessment is recommended.