

**Case Application: Skin Integrity and Wound Care**

**Instructions:** Read the case below and answer the guide questions in the space provided. Post or upload this case application in the submission bin in the N11 VLE course site.

1. Please submit as a PDF document following this filename format:

**Fullname\_FirstName\_CaseApp\_Wounds.pdf**  
**(e.g. DelaCruz\_MaJuana\_CaseApp\_Wounds.pdf)**

2. In addition to this submission, answer the question: **What is your most relevant learning from the case? Why?** - post your answers and comment on the posts of your group mates.

Refer to the course site for the submission deadline.

**Welcome to the Surgical Ward!**

You have been assigned to this ward to assist the wound care team, headed by Nurse Zoh Gaat. She already prepared the following clients file printout for you. You will have the opportunity to do wound assessments as well as implement the indicated interventions for client care.

Client's Name	Primary & Secondary Medical Dx	Age	Wound Type	Dressing Type	Treatment Orders
Client Matt Amis	Diabetic ketoacidosis; renal insufficiency, diabetic neuropathy	74	Diabetic foot ulcer, left great toe (arterial ulcer)	Gauze	Wet-to-moist saline dressing BID
Client Nana Dapa	Multiple injuries 2° to stab wound LLQ abdomen	35	Surgical incision with staples; lacerations on right arm	Gauze with Penrose drain	Advance Penrose drain 6 mm daily
Client Mack Alimot	Urosepsis, dementia, cachexia, hypertension, coronary artery disease, incontinence (bladder & bowel)	90	Pressure ulcer (coccyx)	<i>New admission—to be determined</i>	

**1. For each of the clients, identify and discuss 3 factors that could be affecting their skin integrity.**

Name of Client	Factors	Impact on Skin Integrity
Client Matt Amis		

<b>Client Nana Dapa</b>		
<b>Client Mack Alimot</b>		

**2. What are the expected characteristics of the type of wound for each that you can anticipate finding when the dressings are changed during the day's rounds?**

<b>Client</b>	<b>Wound type</b>	<b>Expected Wound Characteristics/Findings</b>
Client Mat Amis	Diabetic foot ulcer, left great toe (arterial ulcer)	
Client Nana Dapa	Surgical incision with staples; lacerations on right arm	
Client Mac Alimot	Pressure ulcer (coccyx)	

**3. Explain why the dressing ordered for each wound is appropriate for each wound type.**

<b>Wound Type</b>	<b>Dressing</b>	<b>Rationale for Ordered Dressing</b>
Diabetic foot ulcer, left great toe (arterial ulcer)	Gauze	
Surgical incision with staples; lacerations on right arm	Gauze; Penrose drain	

**4. When planning for implementation of these wound care procedures, what are the common procedural steps in preparing the clients for the dressing change?**

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**5. You are preparing to use PPEs for each of the ordered treatments. What PPEs will you use? Give a rationale for your decision.**

**6. You start your round with Nurse Zoh Gaat, and your first client is Client Nana Dapa. The dressing needs to be changed and the Penrose drain advanced 6 mm per physician orders. This is the first time that the Penrose drain order will be implemented.**

**What equipment will be needed to implement the order?**

The patient to be seen this morning is the new admission with the pressure ulcer on the coccyx area, Client Mack Alimot. This patient's Braden score shows 1's for sensory perception, moisture, activity, mobility, and friction and shear. No information is available regarding nutritional intake.

Assessment of the wound reveals the following characteristics: oval wound 10 cm length × 7.5 cm width, maceration, erythema, edema, and large amount of slough noted. To help with débridement of the wound, a wet-to-dry dressing was ordered by the physician to be changed BID (twice a day) for 2 days.

**7. Why is this dressing indicated, and why is it limited to 2 days?**

A diagnosis of Impaired Tissue Integrity is identified for Client Mack Alimot

**8. Differentiate between Impaired Tissue Integrity and Impaired Skin Integrity in terms of definition and defining characteristics.**

<b>Impaired Tissue Integrity</b>	<b>Impaired Skin Integrity</b>
Definition	Definition
Defining Characteristics:	Defining Characteristics:

**9. The NOC outcome of Wound Healing, Secondary Intention is chosen for the client. Identify the appropriate NIC intervention label/s for this.**

<b>NOC</b>	<b>NIC</b>
Wound Healing, Secondary Intention	

**Thank you for your assistance.**

**Nurse Zoh Gaat, RN, MSN**