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| **Student Name** |  | | **Student Number** | |  |
| **Unit Code/s & Name/s** | **HLTEN506B Apply principles of wound management in the clinical environment** | | | | |
| **Assessment Type** | Case Study  Assignment  Project  Other *(specify)* | | | | |
| **Assessment Name** | Case Study | **Assessment Task No.** | | | AS2 |
| **Assessment Due Date** |  | **Date submitted** | | |  |
| **Assessor Name** |  | | | | |
| **Student Declaration:** I declare that this assessment is my own work. Any ideas and comments made by other people have been acknowledged as references. I understand that if this statement is found to be false, it will be regarded as misconduct and will be subject to disciplinary action as outlined in the TAFE Queensland Student Rules. I understand that by emailing or submitting this assessment electronically, I agree to this Declaration in lieu of a written signature. | | | | | |
| **Student Signature** |  | | | **Date** |  |

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| **Instructions to Student** | **Assessment Instructions:**   * This assessment is a short answer assignment. * Please read the following case study scenario and submit your responses to the questions related to the information provided in the case study. * Submit your responses in short answer format – type / copy each question and put your answer underneath. * A minimum of 150 words is required for each response. * You are required to answer all questions * All questions must be successfully completed to achieve a satisfactory result. * Assessment must be in word processed format * Font size: Arial 12, or to be written legibility using either black or blue pen (not pencil). * Double line spacing for ease of reading/providing feedback * Please pay attention to grammar and spelling * Use medical terminology throughout your answers, layman’s terms will not be accepted. * In-text referencing and reference list as per APA 6th edition referencing style * Include a Reference List at the end of the assessment. Work that is not referenced will be returned. * Assignment submission must include a **Assessment Cover Sheet.** * Please refer to the TNQIT School of Nursing Guide and the TNQIT Student Rules. * Please keep a copy of your assessment and cover sheet   **Non-submissions without extensions (Latesubmissions):**  Anyone who does not submit their assessment by the due date and does not seek an extension prior will have their first attempt marked as “Not Satisfactory” (NS). Students will only then be able to complete a second attempt. Second attempts are due within two weeks of the original due date unless individual negotiation occurs.  **Reasonable adjustment:**  Reasonable adjustment can be made to the assessment tasks to ensure equity in assessment for people with a disability.  If you have identified that you have a special need or a disability, please ensure that you have also discussed with your teacher the possibility of reasonable adjustment to meet your individual needs.  This must be done prior to attempting the assessment.  **Number of Attempts:**  You will receive up to two (2) attempts at this assessment task. Should your 1st attempt be unsatisfactory (U), your teacher will provide feedback and discuss the relevant sections / questions with you and will arrange a due date for the submission of your 2nd attempt. If your 2nd submission is unsatisfactory (U), or you fail to submit a 2nd attempt, you will receive an overall unsatisfactory result for this assessment task. Only one re-assessment attempt may be granted for each assessment task, with the exception of Apprentices or Trainees who are permitted an additional supplementary assessment. **For more information, refer to the Student Rules.** |
| **Submission details** | **Assessment Due Date:**  Please refer to assessment schedule provided to you at the beginning of semester  **M*ethod of submission:*** *– Assessment to be submitted via*   * *TAFE Queensland Learning Management System: Connect url:* [http://*turnitin*.com/en\_us/home](http://turnitin.com/en_us/home) * *Username; 10 digit student number* * *For Password: Reset password go to* [*https://passwordreset.tafeqld.edu.au/default.aspx*](https://passwordreset.tafeqld.edu.au/default.aspx)*>* |
| **Instructions for the Assessor** |  |
| **Note to Student** | Two short answer questions on cells and tissues (covered in Week 1) |

**Case Study – Short Answer Questions**

**Case Study Scenario:**

John Jones, age 32, is admitted to your ward after post-surgical lancing of a cutaneous abscess located on his perineum. The abscess was caused by MRSA bacteria. The abscess required excision and drainage to remove pus and debris.

Mr. Jones is under police guard as he has been on remand at the nearby Correctional Centre for the past 2 days awaiting trial related to holding an illegal drug. Mr. Jones has a history of IV heroin use and homelessness. He states that he last used heroin “about 4 days ago”. Mr. Jones’s medical history reveals that he has previously been admitted to hospital for depression and a suicide attempt. His blood tests returned positive for Hepatitis C. Insulin levels are within the normal range and chest x ray returned clear. His BMI is 20kg/m2, weight is 65kg and height 180cm.

You read the surgeon’s post-operative instructions:

Wound cavity to be dressed daily with Betadine-soaked gauze packing

Mr. Jones is visited by the wound management nurse who documented the following in his notes:

Wound to heal by secondary intention.

Wound cavity measures 12mm long x 11mm wide and 10mm deep, extending to the subcutaneous tissue layer.

Wound bed consists of 100% granulation tissue; is malodorous and is oozing large amounts of haemoserous exudate.

Based on this assessment, the wound management nurse disagreed with the surgeon’s post-operative wound management strategy.

**Short Answer Questions:**

Each question must have no less than 150 words and be referenced.

Read each question carefully and ensure you answer each part.

Answer the following questions in relation to the information provided in this case study:

* + - 1. Define MRSA? Why is it antibiotic resistant? Discuss the complications this organism may have on wound healing and other body systems.

1. What special infection control considerations would you implement for Mr Jones? In your answer include the following

a) The chain of infection

b) Standard/additional precaution

c) Education required for Mr. Jones and the police guard.

1. What is a secondary intention wound? Include in your answer a description of primary and tertiary intention wounds.
2. There are three overlapping phases in wound healing known as the inflammatory, proliferative and maturation phases. Explain each of these physiological processes.

1. Wound Bed Preparation uses four principles in the acronym T.I.M.E which provides a systematic approach to the management of wounds. Discuss what is meant by:
2. Wound bed preparation
3. T.I.M.E

1. Why do you think the wound management nurse disagrees with betadine-soaked gauze packing as a dressing choice for Mr Jones’s cavity wound? Support your answer with evidence-based research. (Check the journal article in “additional resources” on Healing By Secondary Intention).
2. Discuss one (1) contemporary wound management strategy for any wound patient. Support your answer with evidence-based research. This could be a new dressing, vac systems, maggot or honey therapy or ANY new wound strategy. Give both the advantages and disadvantages of your chosen therapy.

1. What impact will Mr Jones’s previous circumstances have on wound healing? Consider lifestyle factors such as nutrition, IV drug use, potential/current co-morbidities.
2. What nursing interventions could you put into place to assist Mr. Jones with the location of his wound, mobility and elimination.