

**This template must be used to answer the case study.**

*(Please type your answers within the box underneath each question)*

Student name (LAST NAME first name):

Student number:

Campus:

Tutorial session (time and room no.):

Tutor's name:

**1. Physiological basis of the wound observations (Total: 10 marks)**

**2. Possible sources of contamination and modes of transmission (Total: 10 marks)**

2.1 Name one endogenous source of contamination and discuss the mode of transmission from the source to the new host. *(5 marks)*

2.2 Name one exogenous source of contamination and discuss the mode of transmission from the source to the new host. *(5 marks)*

**3. Rationale for choices of antibiotics (Total 10 Marks)**

3.1 Rationale for the stat dose of ceftriaxone administered IVI immediately. *(3 marks)*

3.2 Rationale for the oral cephalexin. *(2 marks)*

3.3 Rationale for the change to oral dicloxacillin. *(4 marks)*

3.4 State two adverse reactions to dicloxacillin. (1 mark)

4. Process by which Mary's wound will heal (Total: 5 marks)

5. Presentation (Total: 5 marks)

- 5.1 Referencing in-text and in reference list conforms to APA 6th Ed. referencing style.
- 5.2 Critique supported by relevant literature as prescribed.
- 5.3 Correct sentence structure, paragraph, grammatical construction, spelling, punctuation and presentation.