

T Level Technical Qualification in Healthcare Science

Occupational specialism assessment (OSA)

Assisting with Healthcare Science

Assignment 1

Assignment brief

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Task 1: assist with physiological measurements

Brief

You are working as a healthcare science assistant within a cardiology unit of a hospital. Your next patient has arrived. The patient is an elderly gentleman who has been complaining of chest pain. This pain is reducing his ability to take part in the activities he enjoys. Due to the limited size of his GP surgery, he has been referred for further investigations within your unit after having a blood test that indicated possible angina. The patient has difficulty with mobility but is independent.

Task

You must assist with the assessment of the patient by completing the following:

- 1(a) Prepare for pulse oximeter, blood pressure, and electrocardiogram (ECG) measurements including record keeping
- 1(b)(i) Perform and record pulse oximeter measurement
- 1(b)(ii) Carry out a manual blood pressure measurement on the patient and update patient records
- 1(b)(iii) Assist the practitioner **and** perform the electrocardiogram (ECG) measurement on the patient and update patient records
- 1(c) Carry out post-measurement cleaning and storage of equipment

(77 marks)

Conditions of the assessment:

- task 1 must be completed in supervised conditions
- you will only have access to materials permitted by your tutor and those available in the designated assessment area
- you will have a maximum of 1 hour to complete this task

This is the end of the practical skills assessment.

Document information

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Change History Record

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