

# **T Level Technical Qualification in Healthcare Science**

Occupational specialism assessment (OSA)

## **Assisting with Healthcare Science**

Assignment 1

Assignment brief

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## Contents

<b>Task 1: assist with physiological measurements .....</b>	<b>3</b>
<b>Document information .....</b>	<b>4</b>

# Task 1: assist with physiological measurements

## Brief

You are working as a healthcare science assistant in the respiratory department of a hospital. You are supporting your respiratory team lead scientist and are about to see your next patient.

You meet with your next patient, who has been referred by their GP. The patient has asthma and has been complaining of a tight chest, shortness of breath and is showing an accelerated heart rate. Your patient speaks English as their second language and is competent but not fluent.

## Task

You must assist with the assessment of the patient by completing the following tasks and then recording results on the patient record form:

- 1(a) Prepare for peak expiratory flow, blood pressure and spirometry measurements
- 1(b)(i) Perform and record peak expiratory flow measurement
- 1(b)(ii) Carry out a manual blood pressure measurement on the patient and update records
- 1(b)(iii) Assist the practitioner with the spirometry measurement on the patient and record findings accordingly
- 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 one hour to complete this task

**This is the end of the practical skills assessment.**

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