

# T Level Technical Qualification in Healthcare Science

Occupational specialism assessment (OSA)

## Assisting with Healthcare Science

Assignment 1

Assignment brief

v1.3: Specimen assessment materials  
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# 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 complaining of shortness of breath when completing everyday tasks; their GP has referred them to your department after noticing a fall in the peak expiratory flow measurements, which the patient has been using at home. Your patient has some issues regarding their hearing which is noted in their patient record.

## Task

You must complete the patient record form and assist with the assessment of the patient by completing the following:

- 1(a) prepare for peak expiratory flow, blood pressure and spirometry measurements including record keeping
- 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 1 hour to complete this task

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

## Document information

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## Change History Record

Version	Description of change	Approval	Date of Issue
v1.0	Post approval, updated for publication.		January 2021
v1.1	NCFE rebrand.		September 2021
v1.2	OS review Feb 23		February 2023
v1.3	Sample added as a watermark	November 2023	16 November 2023