

# Measurement of Body Temperature

Experiment 19 - Practical Notes

Name: \_\_\_\_\_ Roll no.: \_\_\_\_\_ Date: \_\_\_\_\_

## Aim

To perform and document measurement of body temperature.

## Principle

A clinical thermometer measures temperature at a specified body site; site and device differences affect interpretation.

## Key Points

- Record site, device and units.
- Oral, axillary, tympanic and other methods have different technique and suitability.
- A value must be interpreted with symptoms and the person's circumstances.

## Activity Procedure

### 1. Prepare

Explain the activity, obtain agreement and check the equipment and suitable resting conditions.

### 2. Perform

Use the selected thermometer according to its instructions, observe the required positioning and wait for the defined endpoint.

### 3. Record

Enter actual findings with units, method, time and any limitations.

### 4. Assess

Use the assigned teaching criteria and refer concerning symptoms for appropriate assessment.

## Human Anatomy and Physiology

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### Record and Observations

| Field               | Actual record |
|---------------------|---------------|
| Site / device       | _____         |
| Temperature / units | _____         |
| Time / symptoms     | _____         |

### Result

Complete the record using your activity, then state the findings, the action required and the reason for that action.

### Precautions

- Use the device instructions and infection-prevention measures.
- Stop the teaching activity if the participant becomes unwell.

### Viva Questions and Answers

#### 1. Why record the site?

Measurements from different sites are not automatically interchangeable.

#### 2. Why record units?

A number without units can be misunderstood.

#### 3. Why repeat an unexpected measurement?

A repeat under valid conditions helps identify technique or device error; concerning symptoms still require prompt review.

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