

# Diploma in Pharmacy 1<sup>st</sup> Year

## Human Anatomy & Physiology Practical

### To record of body temperature by using digital thermometer at various locations

#### **Aim:**

To record of body temperature by using digital thermometer at various locations.

#### **Reference :**

Dr. Gupta G.D , Dr. Sharma Shailesh , Dr. Sharma Rahul Kumar ,“Practical Manual of Human Anatomy and Physiology” Published by Nirali Prakashan , Pg.No 90 - 93

#### **Apparatus Required:**

Digital thermometer

#### **Theory :**

Digital thermometer involves an electronic circuit to measure temperature. A microchip gathers the information, processes it and shows it on the digital screen numerically. It is convenient to use, quick, precise and not very expensive Accurate and precise measurement is done through digital thermometers as they are the advanced ones.

#### **Procedure**

A digital thermometer can be used in following three different ways:

- 1) Oral:** In this method, the thermometer should be placed under the tongue, this method should be used for adults and children of 4 years and above who are able to hold thermometer in mouth.
- 2) Rectal:** In this method, the thermometer should be inserted gently into the rectum. Usually, this method is done in babies but can also be used in children upto 3 years of age,

**3) Axillary:** In this method, the thermometer should be placed in the armpit of young children or adults whose temperature cannot be determined safely via oral means. This method is not as accurate as oral or rectal but can be used as a quick first check.

**Result:** The body temperature was recorded by using digital thermometer at various locations.