









Maharashtra State Pharmacy Council's
Drug Information Centre
Patient Counseling Course

In Presence of
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FEVER AND HYPERTHERMIA

FEVER
 It is the body's response to the presence of a pathogen or irritant.

HYPERTHERMIA
 An elevated body temperature that is not due to a fever.

Elevation of body temperature with increase in the hypothalamic set point as a result of a pathogen or irritant.

As the hypothalamic set point rises, the body's temperature regulation system reacts to the new set point by increasing the body's temperature. This is done by increasing the body's metabolic rate, which produces more heat. The body also constricts its blood vessels to reduce heat loss.