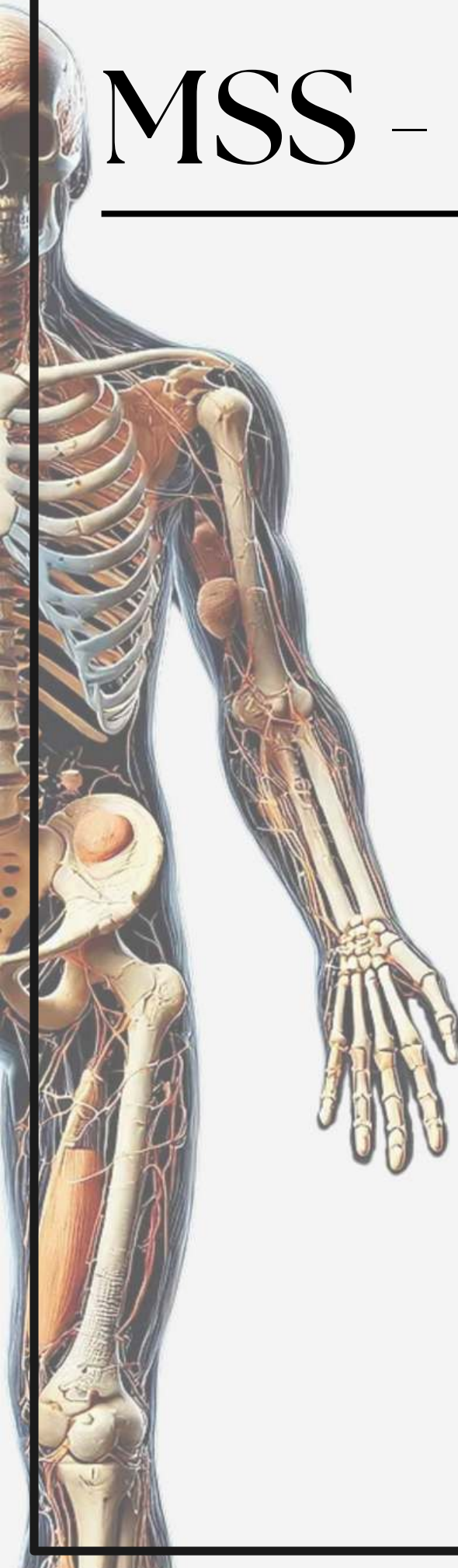


MSS – physiology

Archive

Lecture 3

THERMOREGULATION



physiology - lecture (3)

One of these methods is used in heat production :

- A- Conduction.
- B- Insensible sweating.
- C- Brown fat.
- D- Radiation.
- E- Convection.

Answer: C

Which method of these lead to increase body temperature :

- A- Eat more protein.
- B- Using fans to make air currents.
- C- Sweat evaporation.
- D- Direct contact with objects.
- E- Increase the cutaneous blood flow.

Answer: A

One of the following is wrong about Brown fat :

- A- It is as electrical blanket.
- B- Important for acclimatization to cold.
- C- It is found in infants but not in adult.
- D- Richly supplied by sympathetic nerve fibers.
- E- Way of heat loss.

Answer: E

All of the following increases body temperature except :

- A) shivering
- B) eating
- C) curling
- D) sweating

Answer: D

physiology - lecture (3)

decrease heat loss in cold exposure

a) V.C of skin blood vessels , counter current exchanger occurs in femoral artery and deep vein

b) V.C of skin blood vessels occurs

Answer:A

Body response to cold exposure :

vasoconstriction