

Vocabulary / Topics / & Study Questions for Temperature Regulation

Evaporation	Is hyperthermia more likely in a hot & humid environment or a hot & dry environment and why?
Radiation	
Conduction	
Convection	
Hypothalamus	Why is fever up to 102°F generally considered beneficial in adults?
Constriction (vasoconstriction)	
Shell Temperature	Would shivering suggest that your body is trying to raise its temperature or lower it? Explain.
Core Temperature	
Shivering	
Constriction	Would you expect cutaneous vasodilation or vasoconstriction to accompany sweating and why?
Thermogenesis	
Thyroxine	
Dilation (vasodilation)	Describe the S&S and treatment of heat exhaustion.
Sweating	
Hyperthermia	
Hypothermia	Describe the S&S and treatment of heat stroke.
Fever	
Heat Cramps	You're in a room of comfortable temperature but shivering. Does this suggest you are beginning to fight an infection or that you are getting over an infection? Explain.
Heat Exhaustion	
Heat Stroke	

