

First aid

Heat exhaustion: First aid

Heat exhaustion: First aid

By Mayo Clinic Staff

Heat exhaustion is one of the heat-related syndromes. Symptoms range in severity from mild heat cramps to heat exhaustion to potentially life-threatening heatstroke. Heat exhaustion can begin suddenly, usually after working or playing in the heat, perspiring heavily or being dehydrated.

Heat exhaustion signs and symptoms include:

- Faintness or dizziness
- Nausea or vomiting
- Heavy sweating often accompanied by cold, clammy skin
- Weak, rapid pulse
- Pale or flushed face
- Muscle cramps
- Headache
- Weakness or fatigue

If you suspect heat exhaustion

Untreated, heat exhaustion can lead to heatstroke, which is a life-threatening condition. If you suspect heat exhaustion, take these steps immediately:

- Move the person out of the heat and into a shady or air-conditioned place.
- Lay the person down and elevate the legs and feet slightly.
- Remove tight or heavy clothing.
- Have the person drink cool water or other nonalcoholic beverage without caffeine.
- Cool the person by spraying or sponging with cool water and fanning.
- Monitor the person carefully.

Call 911 or your local emergency number if the person's condition deteriorates, especially if he or she

Heat exhaustion: First aid - Mayo Clinic

experiences:

- Fainting
- Confusion
- Seizures
- Fever of 104 F (40 C) or greater

References

- 1. What to do in a medical emergency: Heat-related illnesses. American College of Emergency Physicians. http://www.emergencycareforyou.org/EmergencyManual/WhatToDoInMedicalEmergency/Default.aspx? id=254&terms=heat+exhaustion. Accessed Feb. 16, 2015.
- 2. Ishimine P. Heat illness (other than heat stroke) in children. http://www.uptodate.com/home. Accessed Feb. 16, 2015.
- 3. Heat stress. Centers for Disease Control and Prevention. http://www.cdc.gov/niosh/topics/heatstress. Accessed Feb. 16, 2015.
- 4. O'Connor FG, et al. Exertional heat illness in adolescents and adults: Management and prevention. http://www.uptodate.com/home. Accessed Feb. 16, 2015.
- 5. Heat injury and heat exhaustion. American Academy of Orthopaedic Surgeons. http://orthoinfo.aaos.org/topic.cfm? topic=A00319. Accessed Feb. 16, 2015.

March 31, 2015

Original article: http://www.mayoclinic.org/first-aid/first-aid-heat-exhaustion/basics/art-20056651

Any use of this site constitutes your agreement to the Terms and Conditions and Privacy Policy linked below.

Terms and Conditions

Privacy Policy

Notice of Privacy Practices

Mayo Clinic is a not-for-profit organization and proceeds from Web advertising help support our mission. Mayo Clinic does not endorse any of the third party products and services advertised.

Advertising and sponsorship policy

Advertising and sponsorship opportunities

A single copy of these materials may be reprinted for noncommercial personal use only. "Mayo," "Mayo Clinic," "MayoClinic.org," "Mayo Clinic Healthy Living," and the triple-shield Mayo Clinic logo are trademarks of Mayo Foundation for Medical Education and Research.

© 1998-2016 Mayo Foundation for Medical Education and Research. All rights reserved.