

## Tips For Preventing Heat-Related Illness!

### The Best Defense Is Prevention... Here Are Some Prevention Tips:



- Drink more fluids (nonalcoholic), regardless of your activity level. Don't wait until you're thirsty to drink. Warning: If your doctor generally limits the amount of fluid you drink or has you on water pills, ask him how much you should drink while the weather is hot.
- Don't drink liquids that contain alcohol or large amounts of sugar—these actually cause you to lose more body fluid. Also, avoid very cold drinks, because they can cause stomach cramps.
- Stay indoors and, if at all possible, stay in an air-conditioned place. If your home does not have air conditioning, go to the shopping mall or public library—even a few hours spent in air conditioning can help your body stay cooler when you go back into the heat. Call your local health department to see if there are any heat-relief shelters in your area.
- Electric fans may provide comfort, but when the temperature is in the high 90s, fans will not prevent heat-related illness. Taking a cool shower or bath, or moving to an air-conditioned place is a much better way to cool off.
- Wear lightweight, light-colored, loose-fitting clothing.
- NEVER leave anyone in a closed, parked vehicle.
- Although any one at any time can suffer from heat-related illness, some people are at greater risk than others. Check regularly on:
  - Infants and young children
  - People aged 65 or older
  - People who have a mental illness
  - Those who are physically ill, especially with heart disease or high blood pressure
- Visit adults at risk at least twice a day and closely watch them for signs of heat exhaustion or heat stroke. Infants and young children, of course, need much more frequent watching.

## If You Must Be Out In The Heat:



- Limit your outdoor activity to morning and evening hours.
- Cut down on exercise. If you must exercise, drink two to four glasses of cool, nonalcoholic fluids each hour. A sports beverage can replace the salt and minerals you lose in sweat. Warning: If you are on a low-salt diet, talk with your doctor before drinking a sports beverage. Remember the warning in the first “tip” (above), too.
- Try to rest often in shady areas.
- Protect yourself from the sun by wearing a wide-brimmed hat (also keeps you cooler) and sunglasses and by putting on sunscreen of SPF 15 or higher (the most effective products say “broad spectrum” or “UVA/UVB protection” on their labels).



## Heat Stress

Heat stress is heat-related illness caused by your body's inability to cool down properly. The body normally cools itself by sweating. But under some conditions, sweating just isn't enough. In such cases, a person's body temperature rises rapidly. Very high body temperatures may damage the brain or other vital organs.



Several factors affect the body's ability to cool itself during extremely hot weather. When the humidity is high, sweat will not evaporate as quickly, preventing the body from releasing heat quickly. Other conditions related to risk include age, obesity, fever, dehydration, heart disease, mental illness, poor circulation, sunburn, and prescription drug and alcohol use.

Heat stress ranges from milder conditions like [heat rash](#) and [heat cramps](#), to the most common type, [heat exhaustion](#). The most serious heat-related illness is [heat stroke](#). Heat stroke can cause death or permanent disability if emergency treatment is not provided.

## Risk Factors



Anyone can develop heat stress. However, the following groups of people have higher risks for experiencing heat stress or heat-related death:

- Infants and children up to four years of age,
- People 65 years of age and older,
- People who are overweight, and
- People who are ill or on certain medications

## Prevention

Heat-related death or illnesses are preventable if you follow a few simple steps.



- Stay in an air-conditioned area during the hottest hours of the day. If you don't have air conditioning in your home, go to a public place such as a shopping mall or a library to stay cool. Cooling stations and senior centers are also available in many large cities for people of all ages.
- Wear light, loose-fitting clothing.
- Drink water often. Don't wait until you are thirsty.
- Avoid unnecessary hard work or activities if you are outside or in a building without air-conditioning.
- Avoid unnecessary sun exposure. When in the sun, wear a hat, preferably with a wide brim.

Air conditioning is the strongest protective factor against heat-related illness. Exposure to air conditioning for even a few hours a day will reduce the risk for heat-related illness.