

# Safety Moment Hypothermia





- Hypothermia occurs when the body loses heat faster than it can be generated.
- Hypothermia is experienced when the body temperature drops 2° F or more below that person's normal body temperature.
- The combination of wet clothing and cold temperatures will cause heat loss. Wear multiple layers and stay dry.





# Signs & Symptoms of Hypothermia

- Feeling cold, shivering uncontrollably
- Cool or cold skin on the abdomen, chest, or back
- Presence of the "umbles"
  - Stumbles: loss of control over movement
  - Mumbles: slurred or incoherent speech
  - Fumbles: poor coordination or reaction time
  - Grumbles: change in behavior or attitude
- Fatigue





### As Hypothermia Progresses the person will exhibit

- Stiff muscles
- No shivering
- Skin that feels ice cold and may appear bluish
- Confusion, agitation, memory loss
- Slow weak pulse
- Slow, shallow breathing
- Loss of consciousness





## **Care of Hypothermia**

- Get victim out of the cold
- Remove wet clothing and wrap in warm, dry clothes. Add additional layers such as sleeping bags
- Give warm liquids to drink. DO NOT give alcohol
- Handle them gently. Excessive movements or rough handling can lead to cardiac arrest.
- Apply warm, dry compresses to the neck, chest, and groin areas.
- Do NOT apply direct heat.
- If a person is unconscious, doesn't have a pulse, or isn't breathing, perform CPR.
- Get emergency care/call 911.





#### **RESOURCES**

- Scout Handbook First Aid Chapter
- Wilderness First Aid Emergency Care in Remote Locations (4th edition), Chapter 15.
   Jones & Bartlett Learning, 2015.
- Centers for Disease Control and Prevention—Hypothermia: <u>www.cdc.gov/disasters/winter/staysafe/hypothermia.html</u>
- Mayo Clinic—Hypothermia: <u>www.mayoclinic.org/diseases-conditions/hypothermia/symptoms-causes/syc-203526</u>

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