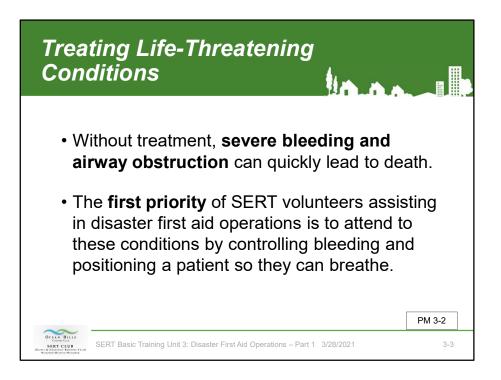


Session 2 is all about First Aid and we will review situations we may encounter as SERT ERT members.



Following a major disaster, we may be faced with a variety of life-threatening conditions. While we have all completed the American Red Cross Adult First Aid course, the information we will review may be helpful during an activation. We will review and discuss correct live saving techniques and how we can provide first aid care for non-life-threatening injuries. Note that none <u>of us here are certified first aid instructors</u> so all information shared today are OPINIONS!



Critical situations --SEVERE BLEEDING--you need to stop the bleed, or the person dies! If the person's airway is blocked then they cannot breathe, and the person dies! These are situations that require immediate attention and are your FIRST PRIORITY! If this help is requiring more than what you are trained to provide, call for HELP on your radio.



Before entering any situation ask yourself "IS IT SAFE?". If the answer is NO, then don't go. If the answer is YES, then proceed and when you find a patient ask yourself again, "IS IT SAFE?" to leave the patient here. If YES, it maybe be best not to move the patient depending on their condition. If NO, you need to decide if you can assist the patient in moving or do you need to seek assistance from another.

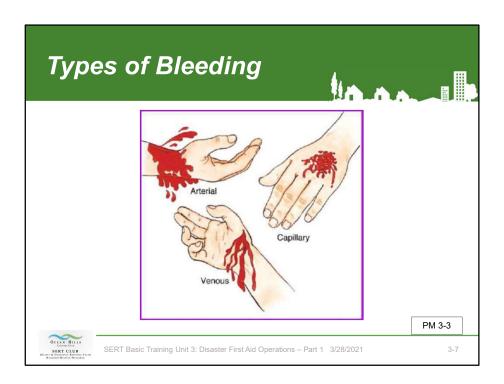


Back to the RED CROSS training. You always start with identifying yourself and that you are with SERT. ALWAYS ask for permission to help the patient. If the patient is unconscious permission is "assumed".

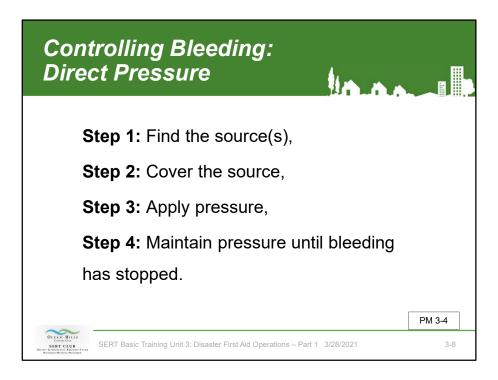
Some cultural differences may not want you to touch or to even speak to a female without permission. Therefore, you always ask permission to help the patient.

Stages of Severe Bleeding					
Stage	Blood Loss	Heart Rate	Blood Pressure	Breath Rate	Patient
I	Less than 15%	Normal (<100 bpm)	Normal	14-20	Patient appears normal
Ш	15%-40%	Fast (>100 bpm)	Slightly Low	20-30	Patient may feel anxious
Ш	30%-40%	Very Fast (>120 bpm)	Low	30-40	Patient feels confused
IV	Greater than 40%	Critical (>140 bpm)	Critical	>35	Patient feels lethargic
					PM 3-3

Bleeding can be challenging. A combination of blood loss, increased heart rate, and increased breath rate helps you identify the severity of blood loss. While we can check the heart rate via taking their pulse, we will NOT be taking someone's blood pressure.



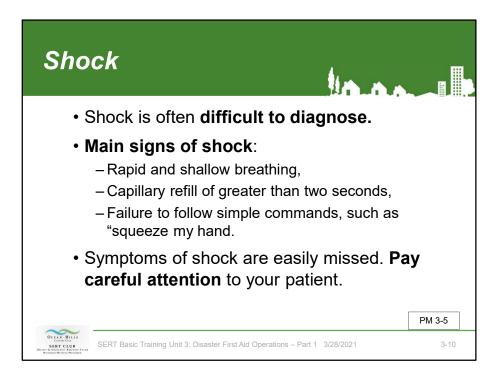
Of the 3-types of bleeding shown here which is the most concerning? Arterial as the blood is coming directly from the heart.



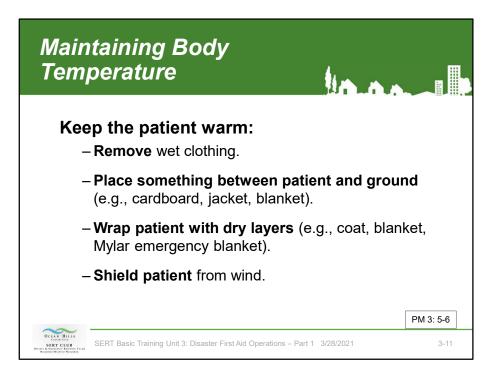
We follow these 4-steps to control bleeding.



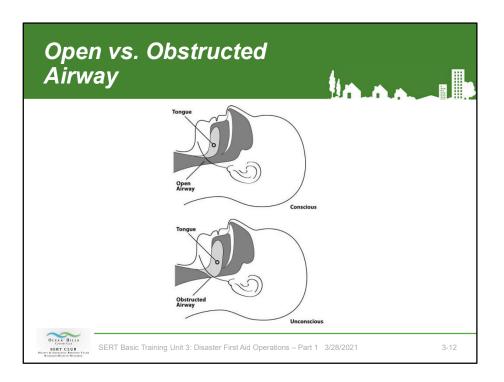
For an arterial bleed on a LIMB, you may need to apply a tourniquet. These are relativity easy to apply and once in place should only be removed by a medical professional. A best practice is to write the date and time the tourniquet was applied on the device.



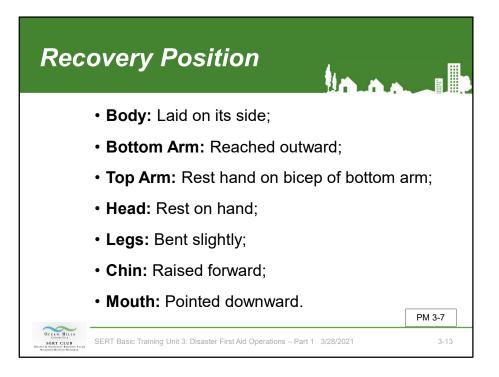
Shock maybe difficult to diagnose and the onset may develop over time as the patient undergoes changes. Look for rapid and shallow breathing and capillary refill greater than 2-seconds when you squeeze the patients nail on their finger or toe. A patient's condition can change so you will need to pay careful attention for changes.



Keeping a patient warm get helps in dealing with Shock. If the body gets cold, it can lead to shock. People should be in dry clothing. If you have a patient on the ground put something between the patient and the ground. Wrap the patient in dry layers and shield them from the wind if possible.



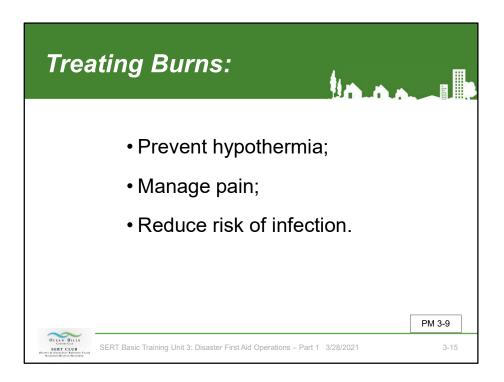
If the patient can't breathe, they may die. If the patient is not conscious, it maybe as simple as tilting the head back to open the airway.



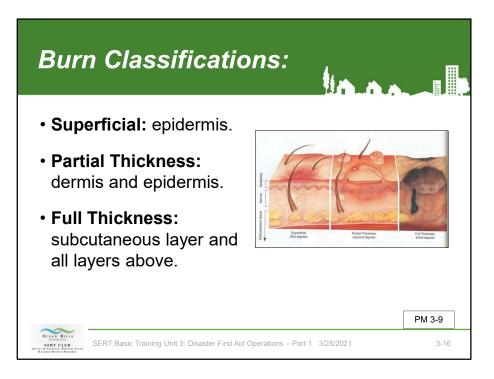
Repositioning the patient can also aid in keeping the airway open.



Sometimes a patient just needs someone to provide comfort. These are the steps in providing comfort. Remember in the initial stages of a natural disaster assessment, you will not have time to provide comfort.



You may come across a patient with burns due to a fire, electrical shock or chemical burns. The 3-key things to know about dealing with burns are shown here.



1st degree burns are to the outer layer and may be like a severe sunburn.

2nd degree has blistering.

3rd degree has damage to the underlaying tissue and needs a medical professional help in treating.



In your SERT backpack, you have a limited supply of bandages to assist patients. You will need to monitor your supplies and do not hesitate to radio in for additional supplies, as necessary.

Always remember to apply direct pressure to bleeding areas and keep it in place until the bleeding stops. Your patient or other neighbor maybe able to assist in keeping the pressure on.



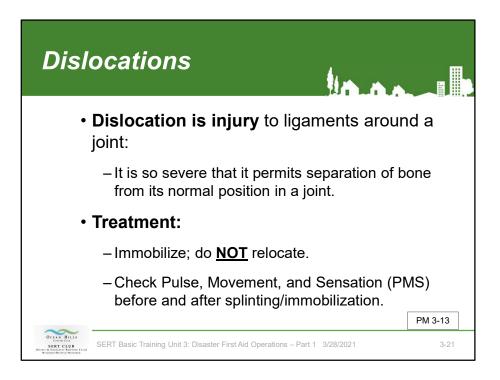
OK, not a pleasant thought and you are probably looking at a potential tourniquet situation. Follow these steps in dealing with a found body part.



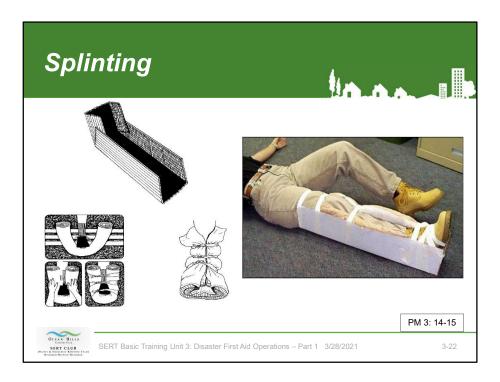
During a building collapse a person may be impaled by an object. DO NOT try to remove the object, leave that to the medical professional. Removing the object could lead to internal bleeding.



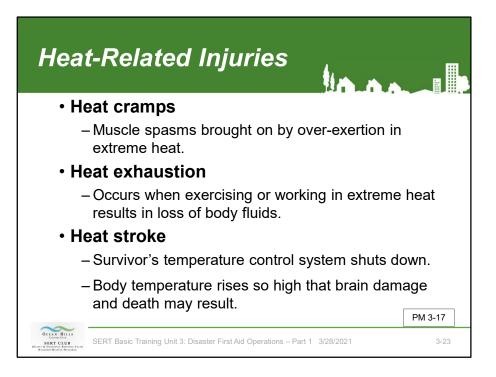
Broken bones are painful, as are dislocations and sprains and strains. Unless there is severe bleeding, you will need to immobilize the injury and report the situation. Then continue to move on with your assessment.



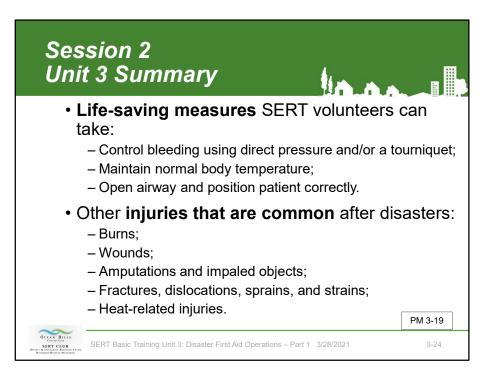
While this will be painful to the patient, DO NOT attempt to relocate the joint! This is a job for a medical professional.



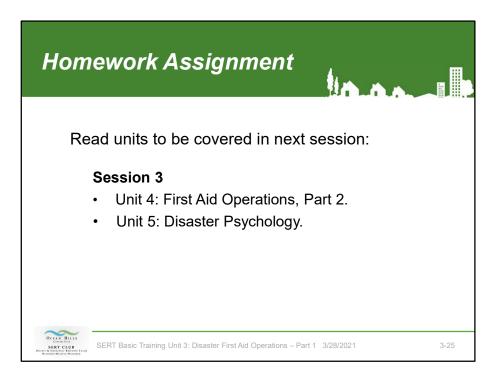
Splinting is not hard. You can use a variety of cardboard, rolled newspapers, magazines, towels to form a splint. Then get out your DUCT TAPE and secure the splint in place.



Heat-Related injuries may not be much of a concern here in OHCC. However, we can't rule out a disaster which strikes on a hot Summer's day. As a responder, you need to make sure you keep hydrated. These are the signs of heat related situations.



Today we have reviewed life-saving measures and other common injuries that may occur following a disaster.



For your next class continue your readings of Units 4 and 5. Thank you all for your participation.