TOPIC: CDF Employee Burn Treatment

TIME FRAME: 30 Minutes

LEVEL of INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: A written quiz

Behavior: The student will describe CDF procedure to treat a CDF employee as a burn victim.

Standard: With a minimum of 70% accuracy

MATERIALS NEEDED:
- CDF Burn Pack
- Oxygen kit
- Simulated burn victim.

REFERENCES:
- CDF, Health and Safety Procedures Handbook (1700), Section 1810

PREPARATION:
The care for a burn victim is critical in the first few minutes after the injury. A burn treatment policy has been adopted to be used in conjunction with the CDF Burn Pack. Every emergency response employee should be well versed in the initial treatment of burn injuries since in many cases we work in remote areas where medical resources are limited and response times are great.
## I. BURN TREATMENT GUIDELINES

### A. Remove the Heat Source

1. Fire
2. Chemical
3. Electrical
   a. In a safe manner

### B. Stop the burning process

1. Water to extinguish flame
2. Water to flush chemicals

### C. Give immediate basic life support care

1. Check ABC’s
   a. Airway
   b. Breathing
   c. Circulation
2. Treat for shock
   a. Keep warm
   b. Elevate feet
3. Administer oxygen

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**APPLICATION**

Applies specifically to CDF employees who are burned

Most burn victims die from shock or airway compromise
a. Certified personnel

b. If 02 available
   (1) 6 liters per minute by cannula
   (2) 10 liters per minute by mask

D. Treat the Burn

1. Apply cool clean water to burn site only:

a. Stops burning
b. Provides pain relief
c. Do not soak victim as that will cause hypothermia
d. Do not use cold water or ice packs
e. Use cleanest readily available water
   (1) Do not delay initial treatment seeking sterile water or saline solution

2. Cut away burned clothes at burn site

a. Do not remove clothing stuck to burned areas
b. Unburned clothes help keep body temp warm

3. Cover the burn

a. With sterile dressing
b. Moisten dressing with normal saline solution
4. If patient burned severely or over large area
   a. Wrap the victim in a clean/sterile sheet
   b. Wrap the victim in a plastic sheet
   c. Place patient in sleeping bag or cover with insulated blanket
      (1) Consider outside air temperature
      (2) Patient comfort
      (3) Prevent hypothermia

5. Monitor patient
   a. Reassess ABC/s
   b. Avoid hypothermia
   c. Avoid overheating (especially on hot days)
   d. Reassure patient
   e. Check oxygen supply and rate of flow
   f. Keep burn area moist

Periodically moisten burn area with saline solution

6. Treat any other associated injuries

7. Transport
   a. Seriously burned victims should be airlifted to an emergency room or burn center
II. BURN NOTIFICATION PROCEDURES

A. Immediate Supervisor

1. Notify IC, Agency Representative, or ECC as appropriate
   a. Do not use names
   b. Describe severity of injuries
   c. Number of injured
   d. Precise location

B. Incident Commander, Agency Representative, or ECC

1. Ensure proper treatment rendered
2. Coordinate evacuation
3. Coordinate transportation

C. Emergency Command Center

1. Coordinates with hospital or burn center
   a. Hospital to be used only for initial assessment and stabilization
   b. Burn center surgeon to contact emergency room to coordinate movement to burn center
2. Arranges transportation to burn center, if required

D. Home Ranger Unit

1. Notify family in person
2. Utilize form CDF-31
3. Assign liaison officer to the burn center
   a. Battalion or Division Chief
SUMMARY:
Immediate proper medical care will reduce the severity of a burn and will dramatically reduce recovery time for a burned employee. Each of us has a responsibility to our fellow CDF firefighter to administer competent care without hesitation.

EVALUATION:
A written quiz.

ASSIGNMENT:
To be determined by instructor(s).