Base Hospital Contact: Required for burns meeting Trauma Center criteria, 2nd or 3rd degree burns ≥ 10% TBSA.

1. Assess airway and initiate basic and/or advanced airway maneuvers prn (MCG 1302)
   If evidence of inhalation injury, treat in conjunction with TP 1236-P, Inhalation Injury

2. Administer Oxygen prn (MCG 1302)
   If carbon monoxide exposure suspected, provide high-flow Oxygen 15 L/min and treat in conjunction with TP 1238-P, Carbon Monoxide Poisoning ❶

3. Assess for signs of trauma
   If traumatic injury suspected, treat in conjunction with TP 1244-P, Traumatic Injury

4. Remove jewelry and clothing from involved area

5. Apply blanket to keep patient warm ❷

6. For ELECTRICAL burns
   Cover with dry dressing or sheet, treat in conjunction with TP 1221-P, Electrocution

7. For THERMAL burns ❸
   Cover with dry dressing or sheet
   Do not flush with water, even if accelerant present

8. For CHEMICAL burns
   If dry, brush and flush with copious amounts of water
   If liquid, flush with large amounts of water ❹
   If eye involvement, irrigate eye with Normal Saline 1L during transport; allow patient to remove contact lenses if possible, treat in conjunction with TP 1240-P, HAZMAT

9. Establish vascular access prn (MCG 1375)
   For IO placement in alert patients administer Lidocaine 2% 0.5mg/kg (20mg/mL) slow IO push, dose per MCG 1309, may repeat once for infusion pain at half initial dose

10. For partial/full thickness burn >10% body surface area or poor perfusion:
    Normal Saline 20mL/kg IV/IO rapid infusion per MCG 1309
    CONTACT BASE for persistent poor perfusion to obtain order for additional Normal Saline 20mL/kg IV/IO

11. Elevate burned extremities as able for comfort

12. For pain management: (MCG 1345)
    Fentanyl (50mcg/mL) 1mcg/kg slow IV/IO push or IM, dose per MCG 1309 or
    Fentanyl (50mcg/mL) 1.5mcg/kg IN, dose per MCG 1309
    Repeat in 5 min prn x 1, maximum 2 total doses prior to Base contact
    Morphine (4mg/mL) 0.1mg/kg slow IV/IO push or IM, dose per MCG 1309
    Repeat in 5 min prn x 1, maximum 2 total doses prior to Base contact

    CONTACT BASE for additional pain management after maximum dose administered:
    May repeat Fentanyl or Morphine as above maximum 4 total doses
SPECIAL CONSIDERATIONS

1. Consider potential for carbon monoxide and/or cyanide toxicity in closed space fires. Pulse oximetry is not accurate in carbon monoxide poisoning. *(TP 1238-P, Carbon Monoxide Poisoning)*

2. Infants and small children are at high risk for hypothermia due to their large surface area to body mass ratio, reduced ability to shiver, and limited body fat.

3. EMS Personnel are mandated reporters of child abuse and neglect, and a report should be made when suspected as per *Ref. 822*. Communicate suspicion for child abuse and/or neglect to accepting ED staff when home suggests children could be at risk for harm (e.g., unkept home, evidence of drug or alcohol abuse, unsafe living conditions, known or suspected domestic violence), when the history does not match with the severity of physical findings (e.g., child posturing after a roll off the couch), when patterned injury or burns or noted (e.g., circular burns as from a cigarette, whip marks on the skin, burns of both hands or feet), or when child reports physical or sexual abuse. Children < 3 years of age and those with developmental delay are at increased risk of abuse. This must also be accompanied by notification to the Department of Children and Family Services (DCFS).

4. Observe for hypothermia; cooling large surface area burns (>15% body surface area) may result in hypothermia.