


Section: **Adult Trauma**
Subject: **BURNS – THERMAL**
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1. Basic ALS Treatments.
2. Evaluate for Trauma Alert criteria
3. Specific treatments:
 - a. Stop the burning process:
 - i. Continuous wet sterile dressings over not more than 10% TBSA at one time.
 - ii. Dry sterile dressings or burn sheets over all other burned areas.
 - iii. Prevent loss of body heat.
 - b. Stabilize and resuscitate
 - i. Refer to **HCFR SPINAL MOTION RESTRICTION** protocol and apply as indicated
 - ii. Administer a **normal saline bolus** IV/IO according to the following formula:
 1. 0.25 times the % body surface area with 2nd or 3rd degree burns times the weight (Kg)
 2. Sample: $(0.25) \times (25\%) \times (70 \text{ kg}) = 437.5 \text{ mL}$
 3. Round up to the nearest 50 mL
 - iii. Refer to **HCFR PAIN MANAGEMENT** protocol.
 - c. For inhalation injuries see **HCFR INHALATION OF HOT SMOKE AND GASES** protocol.
4. ALS transport criteria:
 - a. Burn Center transport criteria
 - i. 2° or 3° burns > 10% TBSA
 - ii. 1° burns > 50% TBSA
 - iii. Explosions
 - iv. Chemical burns
 - v. Dyspnea
 - vi. Facial burns
 - vii. Altered vital signs
 - viii. Circumferential burns
 - ix. Burns to hands or feet