BURNS

Protocol: E4-P
Effective: July 1, 2015
Reviewed: May 1, 2015

I. BLS Treatment Protocol:

A. Scene Survey - Identify hazard potential - (chemical, electrical, thermal).

B. Mitigate hazard and stop burning process. Remove jewelry and constrictive clothing.

C. Treat life threats. (See Policy 4000 *Life Threats*).

D. Identify extent of burn. Use rule of nines. Refer to PAM criteria (Policy 7070 *Trauma Triage*) when appropriate.

E. Cover affected body surface with clean, dry cotton or linen sheet.

F. Prepare for transport /transfer of care.

II. ALS Treatment Protocol:

A. Treat life threats. (See Policy 4000). Consider early intubation for patients with evidence of inhalation injury or respiratory distress. Use nebulized saline when indicated.

B. If bronchospasm or wheezes are present:

1. Albuterol 5mg via nebulizer, may repeat X3 q10 minutes.

2. If heart rate >160 bpm withhold treatment and contact Base Station.

C. To relieve pain, refer to Policy 5600 *Pain Management*. Contact Base Station for additional doses. (See Notes)

D. Transport. Consider direct transport to a Burn Center.

E. Contact Base Station as needed.

David Ghilarducci MD
EMS Medical Director

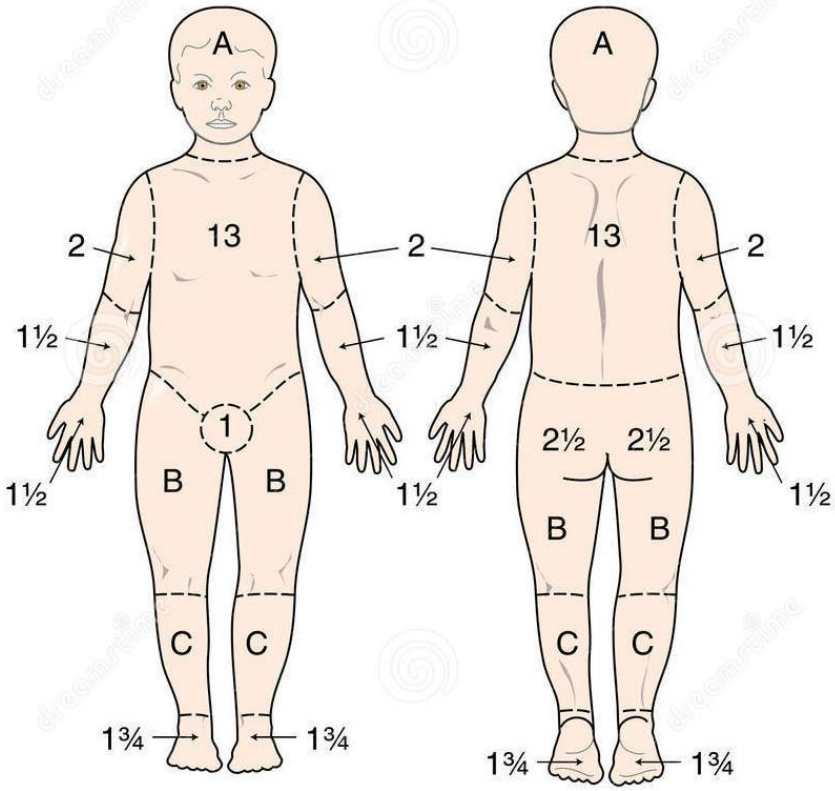
Notes:

- Hold MS if patient has or develops respiratory depression, bradycardia or hypotension. Narcan should be immediately available to reverse adverse effects.
- Remember that hypothermia is much more common than hyperthermia in burn patients. Once burn is properly covered, consider covering patient with additional insulating material
- Enclosed space burn patients are at high risk for respiratory burns

Specific Burn Criteria for direct transport to Burn Center:

1. >10% TBSA 2°/3° burns
2. >2% 3° burns
3. Evidence of respiratory burns
4. Circumferential burns
5. Burns that cross joints
6. Significant electrical burns
7. Burns involving face, hands, feet, perineum

Lund diagram (estimate percentage of pediatric burn)



Relative percentages affected by growth

Age (years)	Area A	Area B	Area C
0	9½	2¾	2½
1	8½	3¼	2½
5	8½	4	2¾
10	5½	4½	3
15	4½	4½	3¼
Adult	3½	4¾	3½

A = ½ of head
B = ½ of one thigh
C = ½ of one leg