

APPROVED: SIGNATURE ON FILE IN EMS OFFICE
Executive Director

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Medical Director

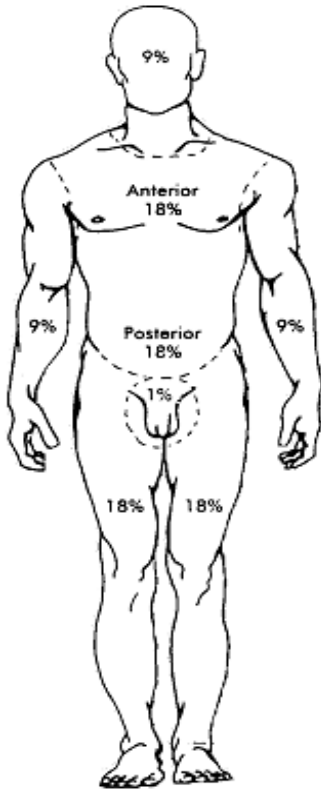
EFFECTIVE DATE 02/02/2004
SUPERSEDES: _____
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BURNS

- I. AUTHORITY: Health and Safety Code, Division 2.5, California Code of Regulations, Title 22, Division 9
- II. PURPOSE: To serve as the treatment standard for EMT-Is and EMT-Ps in treating patients.
- III. PROTOCOL:

STANDING ORDERS

MOVE PATIENT	To a safe environment
ABCs	
PROCESS	For decontamination instructions and transport with patient. <u>Tar Burns</u> : Cool with water and transport. Do not attempt to remove tar. <u>Thermal Burns</u> : Cool with water for up to 5 minutes to stop the burning process.
OXYGEN	<u>Oxygen delivery as appropriate</u>
SECURE AIRWAY/ INTUBATE	If facial or oral swelling and respiratory depression are present, especially if the patient has a history of smoke exposure in a confined space. Ventilate with bag-valve or approved ventilator with 100% oxygen. Confirm placement, if intubated with end-tidal CO ₂ detector & esophageal detector device. Continuous waveform capnography should be used in all intubated patients, if available.
IV/IO ACCESS	Superficial Burns : Consider Normal Saline TKO Partial and full-thickness burns : 0.5 ml x patient weight in kg x % of burn = IV fluid per hour. If systolic BP less than 90, give 250 ml boluses until systolic BP 90-100. Reassess patient after each bolus. Major Burns : Two 14-16 gauge in patients with major burns (greater than 9%) with Normal Saline at TKO. If systolic BP less than 90, give 250 ml boluses to systolic BP 90-100. Reassess the patient after each bolus. IV site in order of preference: 1. unburned upper extremity, or external jugular 2. unburned lower extremity 3. burned upper extremity 4. burned lower extremity
MONITOR	Treat rhythm as appropriate.
DRESS BURNS	Cover with dry dressing and keep patient warm.
MORPHINE	Up to 5 mg slow IVP, then 2.5 mg increments IVP (if systolic BP <u>less than</u> 100) to relieve pain. May repeat to maximum dose of 20 mg without Base Physician order.
TRANSPORT	To nearest facility if patient is unstable (airway difficulty, hypotension) or according to Trauma Triage and Patient Destination Policy 553.25 if stable.
BASE PHYSICIAN ORDERS	
MORPHINE	Additional Morphine per Base Physician Order



<u>Adult Body Part</u>	<u>% of Total Body Surface</u>
Arm (shoulder to fingertips)	9
Head	9
Neck	9
<u>External Genitalia</u>	<u>1</u>
Leg (groin to toe)	18
Anterior trunk	18
Posterior trunk	18

The patient's palm (hand minus fingers) is about 1% of the patient's body surface area.