

APPROVED: SIGNATURE ON FILE IN EMS OFFICE
Executive Director

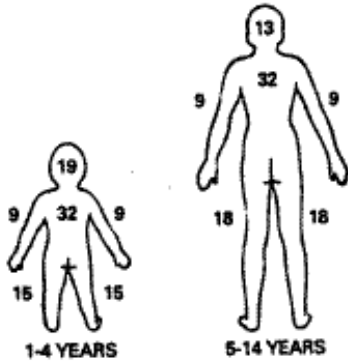
SIGNATURE ON FILE IN EMS OFFICE
Medical Director

EFFECTIVE DATE: 7/01/2011
SUPERSEDES: _____
REVISED: _____
REVIEW DATE: 7/01/2016
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BURNS - PEDIATRIC

- I. AUTHORITY: Health and Safety Code, Division 2.5, California Code of Regulations, Title 22, Division 9
- II. PURPOSE: To serve as a patient treatment standard of EMTs and Paramedics within their scope of practice.
- III. PROTOCOL:

STANDING ORDERS	
MOVE PATIENT	To a safe environment
ASSESS	CAB
COOLING PROCESS	<p style="text-align: center;"><u>Tar</u> Burns: Cool with water and transport. Do not attempt to remove tar. <u>Thermal</u> Burns: Cool with water for up to 5 minutes to stop the burning process.</p>
OXYGEN	Oxygen delivery as appropriate.
SECURE AIRWAY/ INTUBATE	Consider EARLY intubation if ineffective ventilation/oxygenation, or if patient is unconscious. Otherwise, use the simplest effective method. A BLS airway with objective evidence of good ventilation and oxygenation is adequate and acceptable. Refer to General Procedures Protocol 554.00
IV/IO ACCESS	<p>Superficial burns: TKO.</p> <p>Partial and full-thickness burns: 0.5 ml (times) x patient weight in kg (times) x% burn = IV fluid per hour. If systolic BP less than Broselow Tape target, give 20 ml/kg boluses until SBP reaches target. Reassess patient after each bolus.</p> <p>IV site in order of preference:</p> <ol style="list-style-type: none">1. unburned upper extremity, or external jugular2. unburned lower extremity3. burned upper extremity4. burned lower extremity
MONITOR:	Treat rhythm as appropriate.
DRESS BURNS	Cover with dry dressing and keep patient warm.
PAIN MANAGEMENT	Refer to Pain Management Protocol 555.43
TRANSPORT	To nearest facility if patient is unstable (airway difficulty, hypotension) or according to Trauma Triage and Patient Destination Policy 553.25 if stable.



<u>Burn Area</u>	<u>Age in years</u>				
	<u>1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15</u>
Head	19	17	13	11	9
Neck	2	2	2	2	2
Anterior Trunk	13	13	13	13	13
Posterior Trunk	18	18	18	18	18
Genitalia	1	1	1	1	1
Upper Extremity (each)	9	9	9	9	9
Lower Extremity (each)	14.5	15.5	17.5	18.5	19.5

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