

SIERRA-SACRAMENTO VALLEY EMS AGENCY TREATMENT PROTOCOL

PEDIATRIC
REFERENCE NO. P-1 (LALS)

SUBJECT: GENERAL PEDIATRIC PROTOCOL

PURPOSE:

To establish general guidelines for the treatment of pediatric patients encountered by EMS personnel who present with a medical complaint and/or a traumatic injury.

AUTHORITY:

California Health & Safety Code, Division 2.5; Chapter 6, Article 2.5, Section 1798.160 et seq.

California Code of Regulations, Title 22, Division 9.

DEFINITIONS:

Neonate is defined as an infant during the first 28 days of life.

Pediatric Patients are defined in the S-SV EMS Region as all patients > 28 days old up to and including 14 years of age.

PRINCIPLES / PROCEDURES:

Base / Modified Base Hospital Contact – EMS personnel shall make base / modified base contact prior to releasing children ≤ 3 years of age at scene.

Medication Doses – A length based pediatric resuscitation tape shall be used in determining sizes of equipment and medication dosages in the out-of-hospital setting.

APGAR SCORING CHART				
	SIGN	0	1	2
A	APPEARANCE (Color)	Blue, pale	Body pink, hands and feet blue	Completely pink
P	Pulse (Heart Rate)	Absent	Slow (below 100)	Over 100
G	Grimace (Muscle Tone)	Flaccid limp extremities	Some flexing of extremities	Active motion
A	Activity (Response to flick on sole)	No Response	Some motion, cry	Cough, sneeze, vigorous cry
R	Respiratory effort	Absent	Slow, irregular	Good, crying

Effective Date: 06/01/2011

Next Review Date: 03/2014

Approved:

Date last Reviewed / Revised: 03/11

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S-SV EMS Medical Director

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S-SV EMS Regional Executive Director

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PEDIATRIC AVERAGE WEIGHTS & VITAL SIGNS				HYPOTENSION IS DEFINED AS
AGE	WEIGHT (KG)	PULSE	RESP	SBP (MM HG)
Preemie	< 1 - 2.5			< 60
Term NB	2.5 – 4	100 – 160	30 – 50	
6 Months	7	80 – 160	30 – 50	< 70
1 Year	10	80 – 160	24 – 40	< 70 + (2 x age in years)
2 Years	12	80 – 130	24 – 32	
4 Years	16	80 – 120	22 – 28	
6 Years	20	75 – 115	22 – 28	
8 Years	25	70 – 110	20 – 24	
10 Years	34	70 – 110	20 – 24	
12 Years	41	65 – 110	16 – 22	< 90

PEDIATRIC NEUROLOGICAL ASSESSMENT		
Glasgow Coma Scale: Score 3-15		
Score	< 2 years or Dev. delayed	Over 2 years of age
Eye Opening		
4	Spontaneous	Spontaneous
3	To Voice	To Voice
2	To Pain	To Pain
1	None	None
Best Verbal Response		
5	Coos, babbles	Orientated
4	Irritable cry	Confused
3	Cries to pain	Inappropriate words
2	Moans to pain	Incomprehensible sounds
1	None	None
Best Motor Response		
6	Spontaneous	Obeys commands
5	Withdraws to touch	Localizes pain
4	Withdraws to pain	Flexion Withdrawal
3	Abnormal flexion	Abnormal flexion
2	Abnormal extension	Abnormal extension
1	None	None