PEDIATRIC ASSESSMENT

DIVISION OF EMS MEDICINE

Normal Pediatric Vital Signs

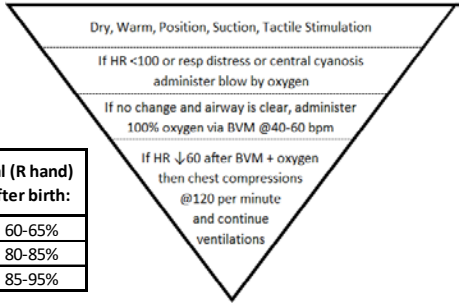
broselow

Age	Weight (kg)	Heart Rate Awake	Heart Rate Sleeping	Resp Rate	SpO_2	Systolic BP (mmHg)	Capillary Refill Time
0-1 mo	3-5 kg	85-205	80-160	30-60	94-99%	60	<3 secs.
1-3 mo	3-5 kg	85-205	80-160	30-60	94-99%	70	<3 secs.
3 mo - 1 yr	6-10 kg	100-190	75-160	30-60	94-99%	70	<3 secs.
Toddler 1-2 yr	10-14 kg	100-190	75-160	24-40	94-99%	70 + (Age in years x2)	<3 secs.
Toddler 3-4 yr	14-18 kg	60-140	60-90	24-40	94-99%	70 + (Age in years x2)	<3 secs.
Preschooler	19-23 kg	60-140	60-90	22-34	94-99%	70 + (Age in years x2)	<3 secs.
School Age	24-39 kg	60-140	60-90	18-30	94-99%	70 + (Age in years x2)	<3 secs.
Adolescent (10+ yr)	30+ kg	60-100	50-90	12-16	94-99%	90	<3 secs.

Glasgow Coma Scale

Adult GCS		Pediatric GCS	
Eye Opening (4)			
Spontaneous	4	Spontaneous	4
To Speech	3	To Speech	3
To Pain	2	To Pain	2
None	1	None	1
Best Motor Response (6)			
Obeys Commands	6	Spontaneous Movement	6
Localizes Pain	5	Withdraws to Touch	5
Withdraws from Pain	4	Withdraws from Pain	4
Abnormal Flexion	3	Abnormal Flexion	3
Abnormal Extension	2	Abnormal Extension	2
None	1	None	1
Best Verbal Response (5)			
Oriented	5	Coos, Babbles	5
Confused	4	Irritable Cry	4
Inappropriate	3	Cries to Pain	3
Incomprehensible	2	Moans to pain	2
None	1	None	1

Newborn Resuscitation



Target Preductal (R hand) O2 saturation after birth:	
1 min	60-65%
5 min	80-85%
10 min	85-95%

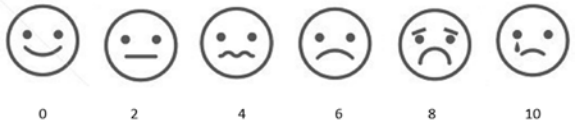
APGAR Scoring Chart

SIGN	2	1	0
APPEARANCE	All pink	Blue extremities, pink torso	Blue
PULSE	≥100	<100	Absent
GRIMACE	Strong grimace	Some facial grimace	Absent
ACTIVITY	Good extremity flexion	Some extremity flexion	Limp
RESPIRATORY EFFORT	Strong cry	Weak cry	Absent

Croup Severity Score		4 = moderate severity
Level of consciousness	Normal (including sleep)	0
	Disoriented	5
Cyanosis	None	0
	Cyanosis at agitation	4
	Cyanosis at rest	5
Stridor	None	0
	When agitated	1
	At rest	2
Air Entry	Normal	0
	Decreased	1
	Markedly decreased	2
Retraction	None	0
	Mild	1
	Moderate	2
	Severe	3

AVPU Response	Infant	Child
A = Alert	Curious Recognizes Parents	Alert Aware of surroundings
V = Responds to Voice	Irritable, Cries	Opens Eyes
P = Responds to Pain	Cries to Pain	Withdraws
U = Unresponsive	No Response	No Response

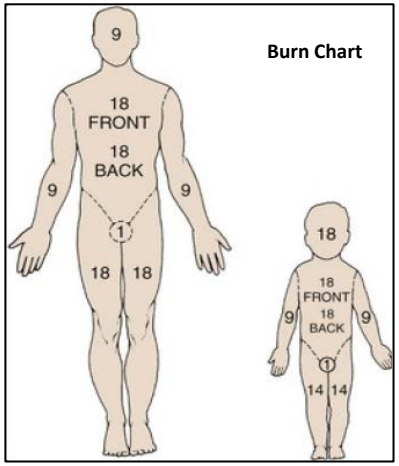
FACES Pain Scale



Bronchiolitis Severity Score	Normal (0)	Mild (1)	Moderate (2)	Severe (3)
Respiratory Rate	< 40	40-50	50-60	> 60
SaO2% RA	≥ 97	96-94	93-90	< 90
General Appearance Calm/Console	Calm	+ Irritable Easy to console	++ Irritable Difficult to console	+++ Irritable Unable to console
Retractions (SS, IC, SC) Nasal Flaring (NF)	None	Subcostal	Intercostal	Supraclavicular, Suprasternal, or Paradoxical
Auscultation	Clear	**Scattered end** expiratory wheeze or crackles	**Diffuse** expiratory wheeze or crackles	**Ins/Exp** wheeze or crackles; poor air movement; grunting

Total score ≥10 is considered severe

Burn Chart



FLACC Pain Scale

Categories	0	1	2
Face	No particular expression or smile	Occasional grimace or frown, withdrawn, disinterested, **sad, appears worried**	Frequent to constant quivering chin, clenched jaw, **distressed looking face, expression of fright/panic**
Legs	Normal position or relaxed, **usual tone & motion to limbs**	Uneasy, restless, tense, **occasional tremors**	Kicking, or legs drawn up, **marked increase in spasticity, constant tremors, jerking**
Activity	Lying quietly, normal position, moves easily, **regular, rhythmic respirations**	Squirming, shifting back and forth, tense, **tense/guarded movements, mildly agitated, shallow/splinting respirations, intermittent sighs**	Arched, rigid or jerking, **severe agitation, head banging, shivering, breath holding, gasping, severe splinting**
Cry	No cry (awake or asleep)	Moans or whimpers; occasional complaint, **occasional verbal outbursts, constant grunting**	Crying steadily, screams or sobs, frequent complaints, **repeated outbursts, constant grunting**
Consolability	Content, relaxed	Reassured by occasional touching, hugging or being talked to, distractible	Difficult to console or comfort, **pushing caregiver away, resisting care or comfort measures**

TOOLS

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