

Boston Stroke Scale

Facial Droop

Patient shows teeth

* *One side of face moves less well*

Arm Drift

Patient closes eyes and extends both arms straight forward for 10 seconds

** *One arm drifts, drops, or is weaker*

Speech

Patient repeats short phrase

** *First attempt is slurred, wrong, or mute*

**All local ERs are stroke centers except BMC
E. Newton, Children's Hospital Boston, and
West Roxbury VA**

Glasgow Coma Scale

Eye Opening

- Spontaneous (A) · 4
- To voice (V) · 3
- To pain (P) · 2
- Eyes do not open (U) · 1

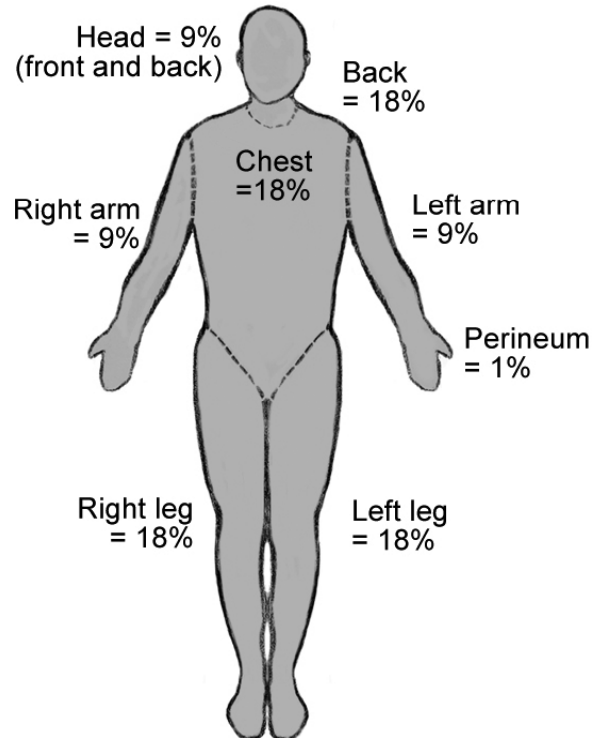
Verbal Response

- Oriented · 5
- Confused or disoriented · 4
- Inappropriate words · 3
- Meaningless sounds · 2
- No speech · 1

Motor Response

- Obeys commands · 6
- Localizes pain · 5
- Withdraws from pain · 4
- Decorticate flexion · 3
- Decerebrate extension · 2
- No movement · 1

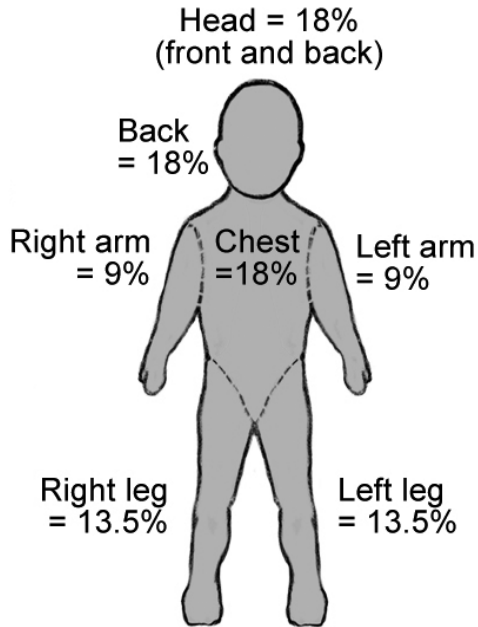
Adult Burn Estimation



Burn Centers

- * Brigham and Womens
- ** Children's Hospital Boston
- ** Massachusetts General Hospital

Pediatric Burn Estimation



APGAR

Appearance

- Entire body pink · 2
- Torso pink with limbs cyanotic · 1
- Entire body cyanotic · 0

Pulse

- Over 100 · 2
- Under 100 · 1
- Pulseless · 0

Grimace

- Coughs/withdraws/sneezes when stimulated · 2
- Facial response only when stimulated · 1
- No response to stimulation · 0

Activity

- Active movement · 2
- Some muscle flexion · 1
- Muscles completely flaccid · 0

Respiration

- Strong, normal cry · 2
- Weak, slow, or irregular cry · 1
- Apneic · 0

Pediatric Vitals

	RR	HR	BP	KG
Newborn	30–60	100–160	60–80	3–5
6 mos	25–40	90–120	80–100	7
1 yr	20–30	90–120	80–100	10
18 mos	20–30	80–120	80–110	12
3 yrs	20–30	80–120	80–110	15
5 yrs	18–24	70–110	80–110	20
6 yrs	18–24	80–100	80–110	20
8 yrs	18–24	70–110	80–110	25
10 yrs	16–20	70–110	90–120	30
12 yrs	16–20	60–110	90–120	40
14 yrs	16–20	60–105	90–120	50
16 yrs	16–20	60–80	80–120	60
18 yrs	16–20	60–80	80–120	70

Pediatric Hospitals

- ** Boston Medical Center Menino
- ** Carney Hospital
- ** Children's Hospital Boston
- ** Faulkner Hospital
- ** Massachusetts General Hospital
- ** Tufts Medical Center
- ** Newton Wellesley Hospital [*no psych*]
- ** Salem Hospital
- ** South Shore Hospital
- ** St. Elizabeth's Medical Center

Trauma Centers

Adult Trauma Centers

- ** Beth Israel Deaconess • I
- ** BMC Menino • I
- ** Brigham and Women's • I
- ** Massachusetts General Hospital • I
- ** UMass Worcester • I

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- ** Lahey Clinic • II
- ** Tufts Medical Center • II
- ** South Shore Hospital • II

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- ** Beverly Hospital • III
- ** Salem Hospital • III
- ** Lawrence General Hospital • III
- ** Lowell General Hospital • III

Pediatric Trauma Centers

- ** Children's Hospital Boston • I

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- ** Massachusetts General Hospital • II
- ** BMC Menino • II
- ** Tufts Medical Center • II

STEMI Centers

Boston

- * Beth Israel Deaconess
- ** BMC Newton
- * Brigham and Women's
- ** Massachusetts General Hospital
- ** Tufts Medical Center
- ** St. Elizabeth's Medical Center

North

- * Lahey Clinic
- ** Mt. Auburn Hospital
- ** Salem Hospital

South

- * Caritas Norwood Hospital
- ** MWMC Framingham Campus (small)
- ** South Shore Hospital

Obstetrics Facilities

Boston

- * Beth Israel Deaconess, East Campus
- ** BMC Menino, 3W
- * Tufts Medical Center, Proger 2
- ** Brigham and Women's, CWN Building
- ** Massachusetts General Hospital
- ** Newton Wellesley, 6th floor
- ** St. Elizabeth's, Women's Health

North

- * Cambridge Hospital, 5th floor
- ** Mt. Auburn Hospital, South 5
- ** Winchester Hospital, 2nd floor

South

- * Caritas Norwood Hospital, Draper 2
- ** Emerson Hospital, 3rd floor
- ** MWMC Framingham Campus, 3rd floor
- ** South Shore Hospital, Emilson Building

Stroke Centers

All local ERs are stroke centers except BMC Newton, Children's Hospital, Union Hospital, and West Roxbury VA

Emergency Departments

** Beth Israel Deaconess West
1 Deaconess Road, Boston
(617) 754-2400

** Beth Israel Needham
148 Chestnut Street, Needham
(781) 453-3400

** Boston Medical Center, Newton Pavilion
88 East Newton Street, Boston
(617) 638-6240

** Boston Medical Center, Menino Pavilion
One Boston Medical Center Pl, Boston
(617) 414-4075

** Brigham and Women's
75 Francis Street, Boston
(617) 732-5636

** Cambridge Hospital
1493 Cambridge Street, Cambridge
(617) 665-1430

** Caritas Norwood Hospital
800 Washington Street, Norwood
(781) 769-2950

** Carney Hospital
2100 Dorchester Avenue, Dorchester
(617) 296-4000

** Children's Hospital Boston
300 Longwood Avenue, Boston
(617) 355-6611

** Emerson Hospital
133 Old Road to Nine Acre Corner, Concord
(978) 369-1400

** Faulkner Hospital
1153 Centre Street, Jamaica Plain
(617) 533-5800, ext. 7700

** Lahey Clinic
41 Mall Road, Burlington
(781) 744-5100

** Lawrence General Hospital
1 General St, Lawrence
(978) 683-4000

** Lawrence Memorial Hospital
170 Governors Ave, Medford
(781) 306-6300

** Lowell General Hospital
265 Varnum Ave, Lowell
(978) 937-6000

** Massachusetts General Hospital
55 Fruit Street, Boston
(617) 724-4100

* Melrose-Wakefield Hospital
** 585 Lebanon St, Melrose
(781) 979-3000

* Milton Hospital
** 92 Highland Street, Milton
(617) 696-8389

* Mt. Auburn Hospital
** 330 Mount Auburn Street, Cambridge
(617) 499-5025

* MWMC Framingham Campus
** 115 Lincoln Street, Framingham
(508) 383-1000

* MWMC Leonard Morse Campus
** 67 Union Street, Natick
(508) 650-7000

* Tufts Medical Center
** 750 Washington Street, Boston
(617) 636-5566

* Newton Wellesley Hospital
** 2014 Washington Street, Newton
(617) 243-6000

* Quincy Medical Center
** 114 Whitwell Street, Quincy
(617) 773-6100

* Union Hospital
** 500 Lynnfield St, Lynn
(781) 581-9200

* Salem Hospital
** 81 Highland Ave, Salem
(978) 741-1200

* Somerville Hospital
** 230 Highland Ave, Somerville
(617) 591-4700

* South Shore Hospital
** 55 Fogg Rd, Weymouth
(781) 340-8321

* St. Elizabeth's Medical Center
** 736 Cambridge Street, Brighton
(617) 789-2666

* Marlborough Hospital
** 157 Union Street, Marlborough
(508) 481-5000

* West Roxbury VA Hospital
** 1400 VFW Parkway, West Roxbury
(617) 323-7700, ext. 5425

* Winchester Hospital
** 41 Highland Avenue, Winchester
(781) 729-9000

Protocols

Epinephrine

- * For severe distress, administer 1 auto-injector. Administer another in 5 mins. if necessary.
- ** If patient is under 66 pounds, use a pedi injector.
- ** If patient is younger than 5 or older than 65, contact medical direction.

Nitroglycerin

- * For any chest discomfort with SBP >100, administer 1 spray/tablet sublingual.
- ** May repeat every 5 mins up to max dose of 3 (including any previous doses).
- ** If PDE5 inhibitors (-fil) used in past 48 hours, contact medical control.

Charcoal

- * Contact medical control. If patient fully conscious, and has not ingested hydrocarbon, petroleum distillate, corrosive substances or heavy metals, administer 1g charcoal per kg bodyweight.

Glucose

- ** If patient is a known diabetic who can speak and swallow, administer oral glucose or other sugar source as tolerated. Repeat in 10 minutes if necessary. If CVA is suspected, contact medical control first.

Aspirin

- ** For anginal equivalents, administer 162–325mg (2–4 baby aspirin), if there is no hypersensitivity, it has not been taken already, and there is no GI bleed.