THE UNIVERSITY OF KANSAS HEALTH SYSTEM

EMS with 12-lead ECG

weakness and fatigue.

been identified.

appropriate hospital.

• Place defib pads

and AVF.

Intervention en route

of 12-lead to ED staff.

EMS without 12-lead ECG

· Continuous cardiac monitor

• 02 – maintain SpO2 >94%

ASA – 4 baby – chew if alert

• Nitro SL q. 5 minutes x3 PRN

Do not give if patient is on

(Viagra, Cialis, etc.).

2 large bore IVs, NS-TKO

• Morphine for pain PRN

phosphodiesterase inhibitors

• Use cautiously with elevations in II, III

Emergently transport to the closest

EMS Guidelines Time-Critical Diagnosis

Trauma **ACS-verified Level | Trauma Center**

Airway/Breathing

 Stabilize c-spine during assessment · Open airway using modified jaw thrust, if indicated

*Maintain SpO2 >94%

Circulation

- Prioritize hemorrhage control if active bleeding; Control external bleeding by direct pressure or tourniquet
- Vital signs: Report any SBP <90 even if transient (determines KU activation level)
- Maintain warmth: external and internal
- · Apply c-spine immobilization. Full spine management per local protocol - may defer LSB.

IV fluid support: Hypotensive

- Large-bore IV sites (x2) or (x1) IO in humerus preferred, if possible
- Initiate LR/NS at:
- 500 ml/hr adults
- 20 ml/kg pediatrics

Don't delay transport for endotracheal intubation.

At the Trauma Bay

Immediately on arrival

For traumatic cardiac arrest, report total time down and minutes of CPR to the trauma team leader.

Verbal EMS report

Communicate any emergent information to the trauma team leader (TTL) on arrival. You may be asked to hold full report until airway and external hemorrhage is controlled. Afterward, you will receive our full attention. The entire trauma team needs to hear your report. MIST (Mechanism, Injuries, Symptoms, Treatment) format is preferred for report. If TXA has been given, notify the time of injury and time of TXA administration.

ST Elevation MI Accredited STEMI Receiving Center

Symptoms consistent with ACS include chest

· Patients with these symptoms should have

a 12-lead ECG performed and interpreted

• If EKG reveals STEMI, elevation \geq 1mm in

STEMI receiving center that requires the

shortest transport time or a STEMI referral

center per your predetermined protocols.

communication that a STEMI patient has

Transmit ECG if capable or hand hard copy

Transmit report en route using clear

2 contiguous leads, immediately notify

pain, abdominal pain, back pain, upper

extremity pain, dyspnea, diaphoresis, N/V,

within 10 minutes of patient contact.

Stroke Advanced Comprehensive Stroke Center

Cincinnati Prehospital Stroke Scale

- Facial droop
- Normal: Both sides of face move equally Abnormal: One side of face does not move

Arm drift

- Normal: Both arms move equally
- Abnormal: One arm drifts compared to the other

Speech

or mute

- Normal: Correct words with no slurring
- Abnormal: Slurred or inappropriate words
 - **Field Intervention**
- Heart monitor
- · Blood glucose evaluation, treat if signs and symptoms of hypoglycemia per local protocol
- *02 maintain SpO2 >94%

SAMPLE History

- Signs and symptoms S _
- Allergies

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- Medications М
- Past medical history Ρ
- Last oral intake L _

Eye-opening response

Pediatric GCS Score <1 year

- Spontaneous 4 3 To shout 2 To pain
- 1 None

Motor response

Score <1 year

- 6 Displays spontaneous response 5 Localizes pain Withdraws from pain 4
- 3 Displays abnormal flexion to pain (decorticate rigidity)
- 2 Displays abnormal extension to pain (decerebrate rigidity)
- 1 None

Verbal response

0-23 months

- Babbles, coos appropriately Cries, but is consolable
- Cries or screams persistently to pain
- Grunts or moans to pain
- None

2-5 years

- Uses appropriate words and phrases
- Uses inappropriate words
- 3 Cries or screams persistently to pain
- 1 None

Score >5 vears

- 5 Is oriented and converses
- 4 Conversation is confused
- 3 Words are inappropriate
- 2 Sounds are incomprehensible
- None

- IV of NS during transport



- Adult GCS >1 year Spontaneous To verbal command To pain None
- >1 vear
- Obeys commands Localizes pain Withdraws from pain Displays abnormal flexion to pain (decorticate rigidity) Displays abnormal

extension to pain

None

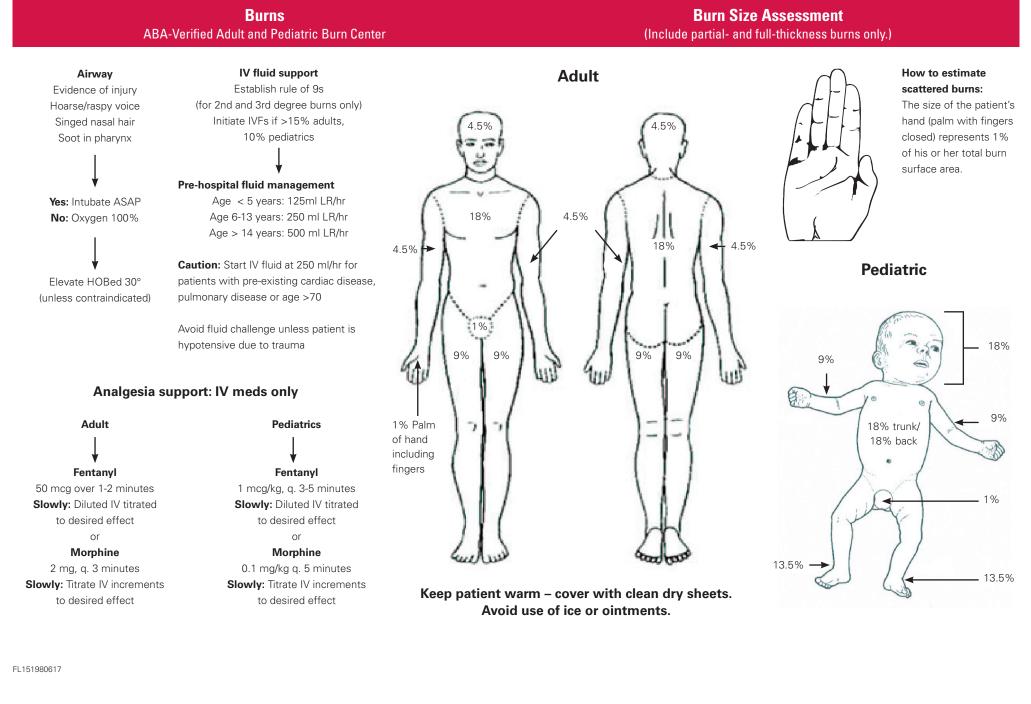
(decerebrate rigidity)

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- Score 5 4 3 2 1
- Events leading up to incident, including last known time patient was well
 - Score 5 4

 - 2 Grunts or moans to pain

THE UNIVERSITY OF KANSAS HEALTH SYSTEM EMS Guidelines Time-Critical Diagnosis



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