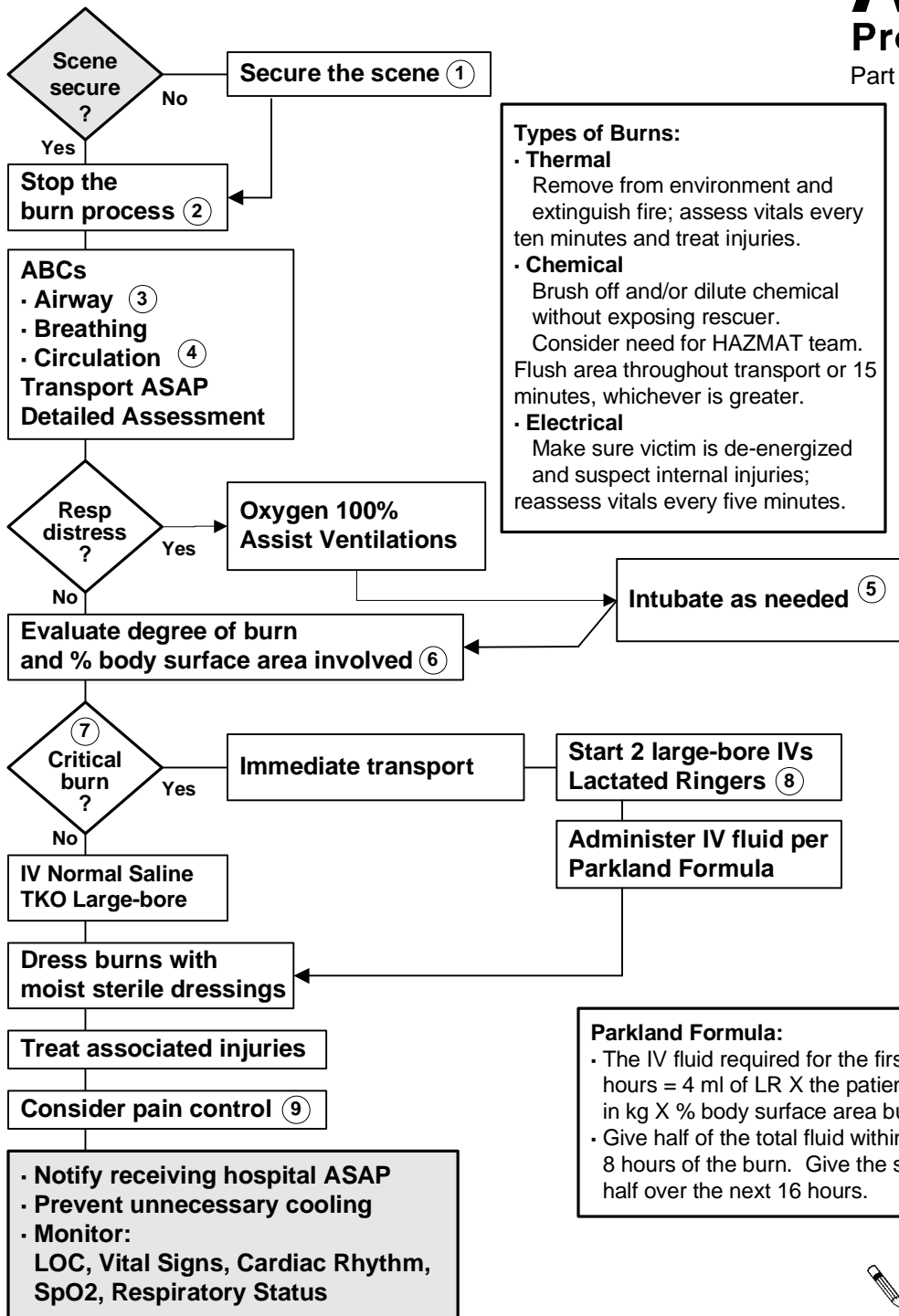


Marquette County EMS Medical Control Authority

Burns

ALS Protocol

Part 1, Section 1



Types of Burns:

- Thermal**
Remove from environment and extinguish fire; assess vitals every ten minutes and treat injuries.
- Chemical**
Brush off and/or dilute chemical without exposing rescuer. Consider need for HAZMAT team. Flush area throughout transport or 15 minutes, whichever is greater.
- Electrical**
Make sure victim is de-energized and suspect internal injuries; reassess vitals every five minutes.

Authentication And Approval:

Richard J. ...

9/5/2006 Date:
 Marquette County EMS Medical Director
 Effective Date: 10/19/89 Revision Date: 3/21/96, 5/7/98, 1/7/03;
 09/05/06

Parkland Formula:

- The IV fluid required for the first 24 hours = 4 ml of LR X the patient's weight in kg X % body surface area burned.
- Give half of the total fluid within the first 8 hours of the burn. Give the second half over the next 16 hours.

Document:

- Degree of Burn
- % of Body Burned
- Respiratory Status
- Singed Nares?
- SpO2
- Type of Burn
- Medical History
- Confined Space?

- 1 Make sure rescuers can **safely** help the victim.
- 2 Remove clothes, and flood with sterile water.
- 3 Consider **Carbon Monoxide** poisoning if victim was within a confined space. If potential for CO poisoning exists administer Oxygen 100%.
- 4 If shock is present consider underlying causes.
- 5 Consider **needle cricothyrotomy** after contacting Medical Control if unable to intubate.
- 6 Note: the patient's palm represents 1% of their BSA. Use this as a reference.
- 7 **Critical burn** = • any degree 25% BSA • 3rd degree > 10% • respiratory injury • involvement of face, hands, feet, or genitalia • circumferential burns • associated injuries • electrical or deep chemical burns • underlying medical history (cardiac, diabetes) • age < 10 or > 50 years.
- 8 Start IVs within unburned areas if possible. Burned areas may be used if needed.
- 9 **Morphine** 2-4 mg IV (adult), 0.1-0.2 mg/kg IV (pediatrics). **Contact Medical Control.**