



Crush Injury & Crush Syndrome

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11/24/15 QUIZ

- Crush Syndrome may have many different causes, but these causes would have the common trait of immobility against a firm surface for > 1 hour.
 - True
 - False
- Survivors of crush injuries have been shown to be at risk for developing renal failure, and in some cases may even need dialysis.
 - True
 - False
- Causes of early death in patients experiencing a crush injury would include:
 - Head Injury
 - Hyperkalemia
 - Hypovolemia
 - Both B and C
- Once the crushing force is removed from the patient's body, they may experience a "reperfusion injury" due to the toxins released to circulation in the body.
 - True
 - False
- Clinical features of compartment syndrome can include _____:
 - Sever pain in the affected limb
 - Weakness
 - Pallor
 - All the above
- The cornerstone of treatment in the crush injury patient is _____:
 - Fluid resus. with Lactated Ringers
 - Fluid resus. with Normal Saline
 - Monitoring of urine output
 - Removal of item crushing patient
- First responders should consider treating crush injury patients with fluid bolus and sodium bicarb dosed at:
 - 25 – 50 meq.
 - 50 – 75 meq.
 - 50 – 100 meq.
 - 100 – 200 meq.
- In compartment syndrome, irreversible muscle damage occurs after _____ hours of muscle ischemia.
 - 2 hrs.
 - 4 hrs.
 - 6 hrs.
 - > 24 hrs.

Level II Trauma Center

Trauma Grand Rounds

- A circumstance that indicates a field amputation may be appropriate is:
 - If necessary to free the patient
 - to prevent Crush Syndrome
 - Both A and B
 - No of the above, field amputation is never indicated

**St. Rita's Medical Center
EMS Education Evaluation**

**Trauma Rounds: Crush Injury & Crush Syndrome
Presenter: Dr. Todd Hixenbaugh**

Date You Viewed This Presentation: _____

(Please Circle Answers Below)

1.) Certification Level:

- EMT-B
- Intermediate
- Paramedic

2.) Were the objectives of the presentation met?

- Yes or No

3.) Evaluation of speaker (4) Excellent to (1) Poor:

- Knowledge of topic: 1 2 3 4
- Info clearly presented: 1 2 3 4
- Teaching methods: 1 2 3 4

4.) Has this internet style education been an effective learning tool for you?

- Yes or No

5.) Will you use this type of education provided by St. Rita's in the future?

- Yes or No

6.) Will you be able to apply the information in this course to your practice as an EMS provider?

- Yes or No

PLEASE PROVIDE THE FOLLOWING SO THAT EMS CE CAN BE ISSUED (REQUIRES PASSING SCORE OF 70% ON TEST). CERTS WILL BE EMAILED.

Name: _____

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