

MEDICAL CENTER Friction Burn (AKA Road Rash) Management

Friction burn: aka road rash: Skin abrasion and burn when the skin comes in contact with a hard object.

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	Special Circumstances Definitions Additional Competencies Required

I. Who gets a burn consult:

- A. Friction burns with >10% TBSA
- B. Full thickness friction burns with >5% TBSA
- C. Friction burns involving the hands, feet, face.
- D. Trauma <u>attending</u> discretion

II. Special Circumstances: Who should not get a burn consult?

- A. Trauma patients with soft tissue injuries and plastics following
- B. Any joint involvement with orthopedics following

III. Definitions:

A. % TBSA: Percentage of total body surface area of burn, as measured by rule of 9's or Lund-Browder.

IV. Assessment:

- A. Physical Exam: Full physical examination.
- B. Documentation: Full physical examination detailing %TBSA, location of burns, and depth in admission or progress note.

V. Universal Protocol (UP):

VI. Anesthesia:

None. Multimodal pain therapy is highly encouraged with acetaminophen, gabapentin, ibuprofen, oxycodone/dilaudid, ketorolac PRN if no contraindications

VII. Goal(s) of Procedural Intervention:

Improve wound healing and minimize scarring

VIII. Procedure:

- A. Equipment:
 - 1. Nonsterile gloves
 - 2. Clean wash cloths
 - 3. 4x4 kerlix fluffs
 - 4. Hibiclens or dial soap and water
 - 5. Wound care supplies (choose one option per specific wound care guidelines):
 - a. Bacitracin, xeroform gauze, kerlix gauze
 - b. Saline, kerlix gauze, abd. pad

B: Procedure:

- 1. Don personal protective equipment
- 2. Gentle cleansing of wounds with Hibiclens or dial soap and water
- 3. <u>Daily</u> wound care (3 options)
 - 1. For most road rash wounds, bacitracin and xeroform gauze are appropriate
 - 2. For road rash wounds with tissue loss creating a cavity, use saline soaked kerlix followed by an ABD pad to create a wet-to-dry dressing.

IX. Complications:

Infection, bleeding, poor wound healing, scarring, retained debris, decreased mobility or diminished function

X. Considerations:

- A. PT/OTs should be consulted on every road rash patient involving the face, extremities including the hands and feet to encourage mobility and stretching.
- B. Follow up: All patients with friction burns meeting consultation criteria should be scheduled in the burn clinic within following hospital discharge.

XI. References:

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