**Old MacDonald Had a Multi-Systems Trauma: Farm Trauma- What You Need to Know**

**---Outline Preferred 1 hr time slot can be extended to 2 hrs**

**Overview: You are toned to respond to a local farm for……. (Use your imagination and insert your favorite farm trauma here.) If you want to know more about crazy trauma, look no further. Whether you crave arms wrapped around PTO shafts, or muddy corrals where someone just played chicken with a Brahma bull, this is the class for you. We will delve into the many unique injuries and mechanisms of injury that occur on the farm and ranch. And don’t forget scene safety.**

**Objectives:**

1. The student will understand the unique types of trauma that occur in the farm and ranch setting.
2. The student will understand scene safety issues that are unique to the farm and ranch.
3. The student will understand some of the unique scenarios and complications that arise with farm trauma.

**Outline: Target Audience-All EMS providers.**

**Intro:** A quick review of topics to be covered.

**Concepts**

1. Special Considerations Regarding Scene Safety
   1. Equipment
   2. Animals
   3. Chemicals
2. Social Dynamics
   1. Normally very stalwart people
   2. If they have called an ambulance, this is probably serious
3. Equipment Injuries
   1. PTO’s
   2. Crush Injuries
   3. Moving parts
      1. Balers
      2. Swathers
4. Livestock Injuries
   1. Blunt Trauma
      1. Cattle
      2. Horses
         1. Thrown vs stepped on vs collision
5. Chemicals
   1. Fertilizers
   2. Diesel fuel
   3. Burns
6. Case study—Male party with his arm caught in a rotary hay feeder
   1. Scene safety
   2. Extrication considerations—long extrication---hours
   3. Injury patterns and concerns
   4. Treatment during extrication
   5. Transport considerations
   6. If this class is 2hrs, this portion works well as small groups mediated by instructors to work through and discuss the case study.
7. Summary
   1. Quick review of concepts covered
   2. Review of Clinical Applications
   3. Review of scene safety considerations