ALAMEDA COUNTY PEDIATRIC READINESS & SURGE PROJECT

EMSC PREPAREDNESS, ASSESSMENT, EDUCATION, AND PARTNERSHIP PROJECT

HOSPITAL SITE-VISIT - PEDIATRIC SIMULATION TRAINING

COMBINED PEDIATRIC SIMULATION PLAN - EMS PROVIDERS & HOSPITAL ED CLINICAL TEAM
(Including EMS Scene Response & Transfer of Care to ED Clinical Team)

GOALS

- **To conduct in-situ pediatric simulations IMPACT training with Debrief for EMS Providers & ED Clinical Team**
- To provide expert feedback, identify opportunities for improvement and inform customized summary reports
- To facilitate on-going collaboration, "real time" pediatric experts, and future training with UCSF Benioff Children's Hospitals, EMS providers, Receiving Hospitals, and Alameda County EMS.

AGENDA – SIMULATION TRAINING

** Flexible Time & Roles - Depending on training needs, expect approx. 15 min. longer for each case **
- Recommend Rotating EMS Provider Crews & Engine in Each Case -

1. **8:00 -9:00am CASE #1** – Conduct Simulation & Debrief
   - **Fire Department & Falck EMS Participant Role**:
     - Scene Response & EMS Transfer of Care to ED Clinical Team (in Resuscitation Room)
       - *Fire Department and Falck Roles – Active Observers*
2. **9:00 -10:00am CASE #2** - Conduct Pediatric Simulation & Debrief
   - **Fire Department or Falck Participant EMS Role:**
     - EMS Scene Response & Transfer of Care to ED Clinical Team (Resuscitation Room)
       - *Falck Role – Active Observer*
3. **10:00 -11:00am CASE #3** - Conduct Simulation & Debrief
   - **Fire Department or Falck Participant EMS Role:**
     - EMS Scene Response & Transfer of Care to ED Clinical Team (Resuscitation Room)
       - *Falck / Fire Department Role – Active Observers*

SIMULATION PLAN

A. Plan for Conduction of Simulation Case Scenarios:

a. EMS Care of Patient:

I. Start in ambulance bay as the scene
   1. Set up with low fidelity mannequin
   2. Use tablet as monitor for VS

II. EMS arrives on scene, performs initial assessment and loads patient on rig. Team continues care in ambulance.

III. In 10 min, rig arrives at ED. Team delivers patient to ED team with structured handoff.

b. Hospital Care of Patient:

I. High fidelity mannequin already set up in ED as per usual set up

II. After EMS handoff, ED team continues care of patient and then arranges disposition (transfer/admission/observation)

B. Plan for Debriefing Simulation Experience:

a. EMS Debrief:

- Focus on application of ALCO protocols
- Address medical knowledge questions
- Discuss approach to handoff
- Discuss perceived challenges in the field/transport/handoff

b. ED Team Debrief:

- Receipt of patient (any challenges?)
- What went well? What were some challenges?
- Systems based issues that affected care of patient (knowledge of clinical workflows, location of supplies, accessing supplies or meds, medication dosing etc.)

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