

## **Statewide Trauma and Health Systems Training**

**Satellite Conference and Live Webcast  
Monday, June 27, 2016  
10:00 a.m. – 12:00 p.m. Central Time**

**Produced by the Alabama Department of Public Health  
Video Communications and Distance Learning Division**

## **ATS Success Southeast AL ATS Success Video**

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### **ATS - Success**

- **20 Y of MVC rollover with ejection**
- **Ejection found in the middle of road**
  - **A – Clear**
  - **B – RR 18 , SPO2 100% 15L NRB**
  - **C – 118/63 HR 90**
  - **D – GCSS -10, now 3 RSI**

### **ATS -- Success Hospital Outcome Report**

- **Left Sub-D H**
- **Right Sub-D H**
- **Free air in the skull**
- **Left Iliac FX**
- **T 5&6 FX**
- **Lung bruising**
- **Facial FX**

### **Disclosures**

- **Disclosure of relevant financial relationships in the past 12 months:**
- **I have no financial relationships with commercial entities producing healthcare related products and/or services**
- **No products will be endorsed or will be used off label**

### **Why trauma triage?**

- **Right hospital with current capability and capacity to care for the injured patient**
- **Standard of care and practice**
- **Real KEY of any trauma system**
- **Need for secondary triage for patient routing**

### **What is over - triage and under - triage?**

- **Over - triage** --- patient entered into a trauma system and routed to a hospital but not admitted to the hospital
- **Under-triage** --- patient not entered into a trauma system but found to have significant injuries upon hospital evaluation

### **Data Comparison**

- 2013-2015
- All Alabama Trauma System patients
- ATS centralized notification and routing of all ATS patients
- EMSP information from the scene not from a registry document – after the incident

### **Data Issues**

- Based upon 72% of Hospital Outcome Reports received
- Overall 59.5 % admit rate or 40.5% over triage rate

### **Concerns**

- Ground Level Falls vs Falls from a Standing Position
- Heart rate parameters - >120 or ?
- Platelet inhibitors
- Cardiac Medications BETA blockers & anti arrhythmias
- Triage factor changes / modifications
- Feedback to EMSP

### **Secondary Triage**

- Patient routing --- patient condition, entry criteria, transportation time
- Each RAC determines it's tx times to higher level

### **ATS -- Success Case Review**

- 34 YOM crushed by a tree
- A – clear
- B – 16 / Minute 98% SPO2
- C – 50 / 30, HR 100, no radial pulses
- D - no feeling waist down, lower extremity FX pelvis unstable
- < 60 mins to a Level One

### **ATS -- Success Case Review**

- Discussion to go to closest for IV lines, etc.
- No air available due to weather

### **ATS - Success Time Line**

- 1129 - LS paged for initial response to this scene - Declines
- 1147 - initial call from EMSP on scene
- 1152 - report to RMC of incoming patient for stabilization
- 1205 - EMSP calls to report are on way to UAB
- 1214 - TCC checks aircraft availability for meeting at St Vincent's - St. Clair
- EMSP call to TCC that 2nd line had blown and pressure down to 47/p
- 1237 - trauma attending pager to TCC line

### **ATCC - Success Time Line**

- 1237 - Dr advised for patient to go to St Vincent's East for blood & call placed to St Vincent's East to be ready for patient
- 1248 - call from EMSP and they had passed exit to St Vincent's East
- 1254 - TCC called UAB to have the trauma pager re-paged for this patient
- 1323 - EMSP calls TCC to thank for help and report on patient condition when care turned over to team at UAB

### **ATS -- Success Patient Outcome**

- Admitted 4 / 11
- Discharged to rehab 5-2
- Discharged to home 5-9