Disaster Triage in NYS START Triage and SMART Tags



Finger Lakes Regional Training Center



Christopher Tarantino MEP, CMCP, CHEC-III FLRTC Instructor

HOUSEKEEPING & WEBINAR GROUND RULES

- The FLRTC (Anne D'Angelo & Eileen Spezio) will be your HOST for the webinar
- Christopher Tarantino will be your PRESENTER
- Webinar Will Be Recorded
- All Phones will be placed on Mute by the Host
- For Questions:

 - Use CHAT function send to PRESENTER
 Use HAND ICON host will unmute you



HOUSEKEEPING & WEBINAR GROUND RULES

- Ensure your First/Last Name listed as PARTICIPANT if not, please send CHAT to the HOST
- OR if hosting large group please email or fax sign-in sheet to
 - FLRTC by end of the day

 eileen spezio@urmc.rochester.edu fax:(585)756-5098
- Presentation available on website: wrhepc.urmc.edu
- Scenarios:Polling Feature all answers are anonymous.
- Course Certificates will be available to those registered on LMS (post course evaluation)
- · Please check CHAT for reminders and resources from HOST

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Introductions

- Christopher Tarantino, MEP CMCP CHEC-III

 - CEO/Instructor Epicenter Media & Training
 Past Firefighter/EMT & Hazmat Tech/Rescue Specialist (Monroe County)
 Certified Hospital Emergency Coordinator (Level III) Instructor
 +10yrs experience in emergency response & management
 Experience with major disaster response, training/exercises, etc. at local, county, state and federal levels & trained in many types of triage systems (SALT, MASS, START, SMART, ESI, etc.)
 Has taught healthcare, first responders and other public safety professionals in more than 30 different states in the U.S.



AGENDA

- Objectives
- Presentation
- Scenarios
- Additional Resources
- Evaluation/Certificate

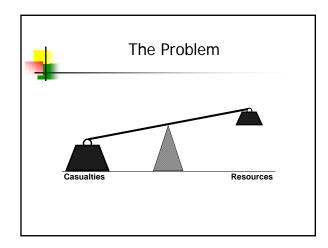


Objectives:

- Define a Mass Casualty Incident and the unique challenges of an MCI
- Understand the differences between dayto-day triage and triage during an MCI
- Increase the region's healthcare providers' awareness of disaster triage

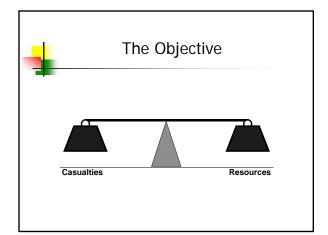
What is the Goal of MCI Management?





Considerations During an MCI Response

- Supply vs. Demand
- Resource Allocation
- Coordination
- Medical Management
- Ethics



What Could Be an MCI For You?

- Transportation Accident
 - Highway Accident, Air Crash, Train Derailment
- Fire, Explosion
- Hospital Overloading
- Hospital Evacuation
- Building Collapse
- Terrorist Attack





What Could Be an MCI For You?

- Sporting Event
- Hazmat Incident
- Loss of Power
- Severe Weather





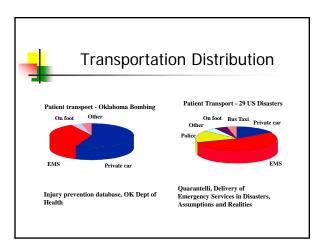
Managing Mass Casualty Incidents

- Would any of those situations lead to shortage of personnel & equipment resources?
- Would decisions and changes need to be made in how you do business?
 - Altered Standards of Care
 - Priorities



Hospital Considerations

- Transition from the EMS patient to hospital patient
- Dealing with self presenting patients





BALI NIGHT CLUB BOMBING

"As bad as the scene was 20 minutes after the blast, it only got worse. Patients who could self-evacuate generally had relatively minor injuries. They arrived on foot, by taxi and by motorcycle, and they were treated as they came in".

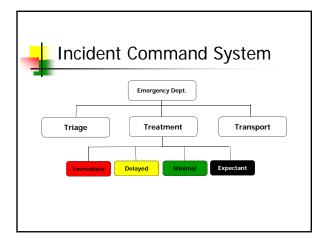
"But then the ambulances started to arrive with the most serious patients—the burn victims".

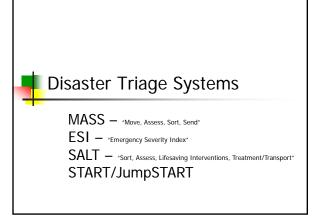


"By then, though, the operating rooms were completely full. They had to

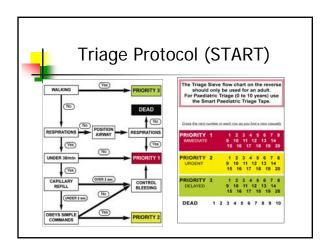
wait".

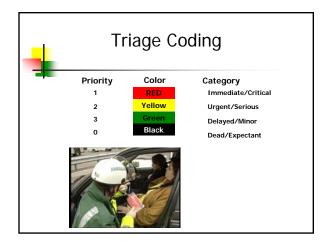
Dr. Tjakra Wibawa Sanglah Trauma Center





Disaster Triage Systems	
MASS	
SALT	
START/JumpSTART "Simple Triage and Rapid Treatment"	







Types of Triage

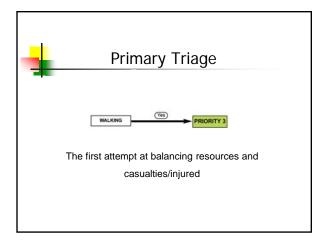
Primary

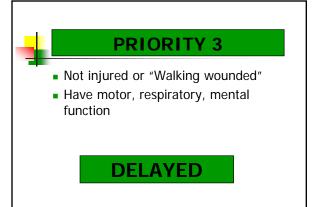
 On scene prior to movement or at hospital (self transports)

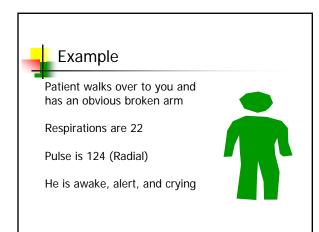
Secondary

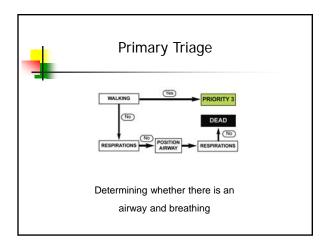
 Incident dependent, probably prior to or during transport or upon arrival to hospital

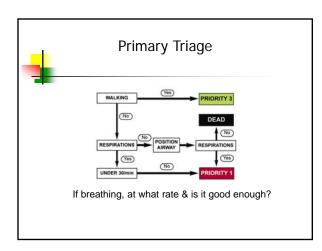


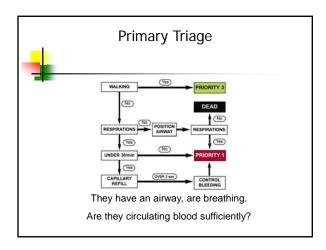


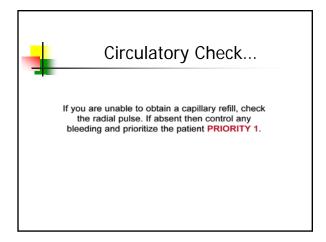


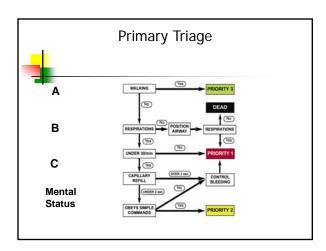














PRIORITY 1

- Opening airway, starts to breathe
- Breathing is greater than 30 or less than 10
- Delayed capillary refill time (> 2 seconds)
- Absent radial pulses
- · Bleeding that needs to be controlled
- Does not follow instructions

Immediate



Example

Patient has an open head Wound, bleeding controlled

Respirations are 16

Pulse is 88 (Radial)

He is unconscious





PRIORITY 2

- Did not move out, when asked
- Airway OK
- Breathing within 11 and 29
- Capillary refill less than 2 seconds or radial pulses present
- · Can follow instructions to move unaffected limb

Urgent



Example

Patient states he can't move or feel his legs

Respirations are 26

Pulse is 110 (Radial)

He is awake and oriented





EXPECTANT/DEAD

- Still require resources
- Focus of care is comfort
- Psychologically most challenging for healthcare providers



Example

Patient gurgles but can't maintain an open airway and Is not breathing

Weak Carotid Pulse

She is unresponsive





Secondary Triage

- Generally used when there is an extended duration event
- After initial color coding triage
- Healthcare professionals who respond to the scene or PH/Hospital response teams may be utilized to further determine who gets transported from scene first

GLASGOW COMA SCORE Ex Operans Virial Process Virial Process Come Name Co

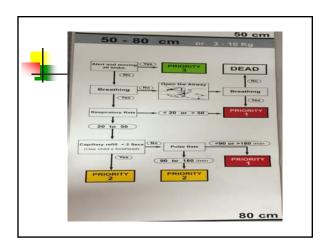


Pediatric Triage



- •Children are involved in mass casualty incidents
- •The over prioritizing of children will take valuable resources away from more seriously injured adults
- •Triage systems based on adult physiology will not provide accurate triage







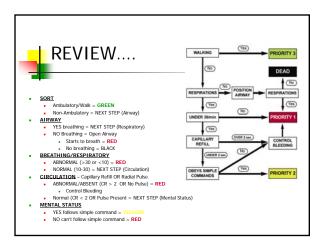




SMART Triage Pack Contents

- Dynamic Tags (20)
- Dead Tags (10)
- Pencils
- Cylume Sticks
- Patient Count Card/Protocol
- SMART Pediatric Tape





Scenario - Practical Application



Instructions

Individual patients will be shown on the screen (with signs/symptoms)

- Follow SMART Triage methodology
- Identify important info (not all signs/symptoms are pertinent)
- Submit your answer via webinar polling platform

Answers will be shown after poll closes!



Scenario

An improvised explosive device is detonated at a large outdoor sporting event. At least 50 people are confirmed injured. EMS is on scene, but patients begin to arrive at your hospital before EMS.

Triage and "Tag" the following patients.

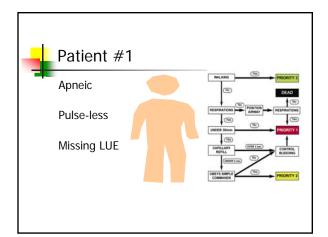


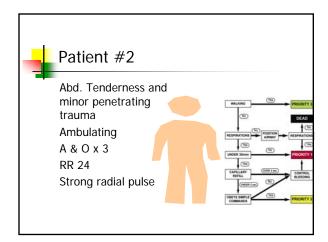
Initial Response

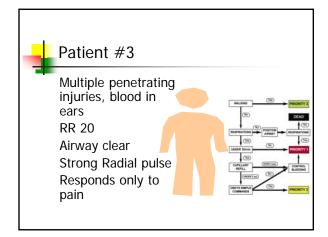
What are your immediate priorities?

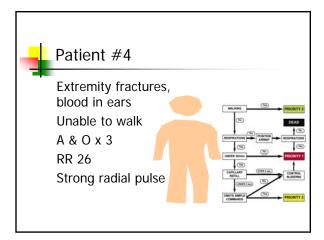
Who will conduct triage? Where?

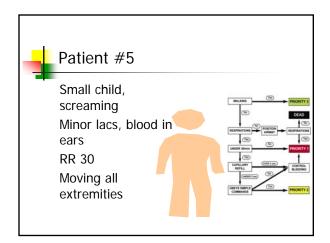
How do you expect these priorities and considerations to evolve as time progresses?

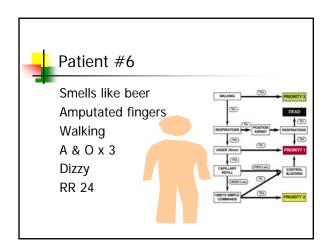


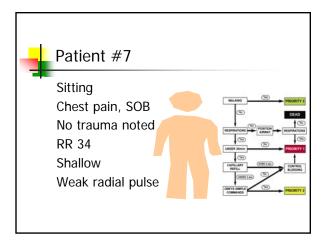


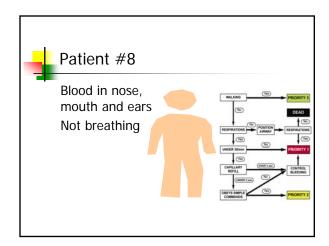


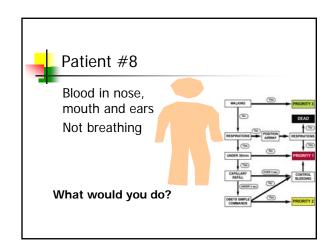


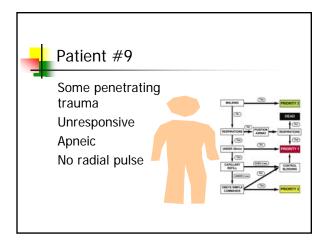


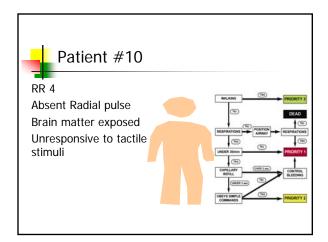












What is the goal of **Disaster Triage** training?

- Increase familiarity/proficiency of the START and Jump START triage methodologies
- Increase familiarity with the SMART Tag Triage System
- Train with a standardized methodology and system

