Mass Casualty Incident Triage

- 6 to 8 Hour Course
- 4 Modules
- Classroom Exercises



Introduction to MCI and Lessons Learned

- Case Studies:
 - Gettysburg WTC Bombing (1993) Oklahoma City Bombing Local Events
- University of Delaware & Ohio State Study
- Three P's of MCI Preparedness:

Participation Planning Practice



Module 1: Mass Casualty Incident Triage and Lessons Learned



Mass Decontamination

- The Need for Mass Decon
- Case Studies: Tokyo Subway Incident
- Decon Corridor Video
- 5 Steps for Mass Decon:
 - 1. Size Up
 - 2. Decon Triage
 - 3. Decon Setup
 - 4. Preforming Decon
 - 5. Post Decon

Module 2: Mass Decontamination



Medical Branch at Mass Casualty Incidents

- The ICS System
- Triage
- Treatment
- Transportation
 Time / Volume Relationship Exercise

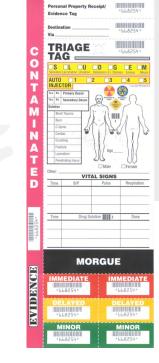
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ng the Time/Vol	ume Relationship	Vormula, ans	wer the following 3 ques	Lions.
Calculate the nu	nher of emergency	transport unit	s needed (X) at a mass-cas	unity
incident involvir	g 50 total patients	(N). The requi	red transportation time (T)	is 60
minutes with eac	h unit transporting	2 patients per	trip (n). The round trip tra	nsport
time (t) is 40 mi	iutes.			
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Module 3: Medical Branch at Mass Casualty Incidents



Triage

- Lessons Learned form Disasters
- S.T.A.R.T & JumpS.T.A.R.T Triage Method
- Mass Casualty Exercise (PowerPoint)
- Triage Tags
- Chemical Triage* (HazMat Teams)
- Bear-ville Express Exercise (Hands-On)



Module 4: TRIAGE



Bearville Exercise

Equipment:

- Toy Bears with RPM information
- Live Victims for Walking Wounded*
- Triage Tags & Triage Ribbon
- Triage Colored Mats
- Flashlights
- Emergency Lights
- Sound Effects





On Saturday September 11, 2012 the Bear-Ville Express was headed to New York City, when it was attacked by an unknown male. The man walked into a crowded coach car and released a mysterious chemical causing a large vapor cloud to form in the car. The conductor immediately pulled the "Emergency" train brake lever. The sudden stopping motion of the train threw several people from their seats injuring them. Other people escaping the car began to exhibit signs such as; sweating, eyes tearing, vomiting, salivating and some were having seizures. One passenger was able to call 911 and report the accident before he passed out.

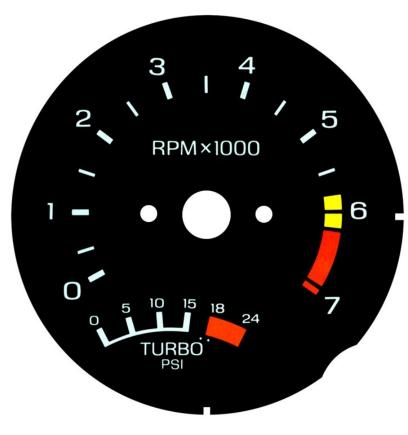
The scene is safe and you are wearing the proper PPE, triage all the victims. After you complete your triage process, report the number and triage categories to your Triage Unit Leader.





Simple Triage and Rapid Treatment

S.T.A.R.T



START Triage

- Respiratory Rate
- Perfusion
- Mental Status

Over 30 Immediate

Respiratory Rate

Under 30 $R \rightarrow PM$

Not present after repositioning head Dead

Perfusion: Capillary Refill

Capillary Refill > 2 seconds Immediate

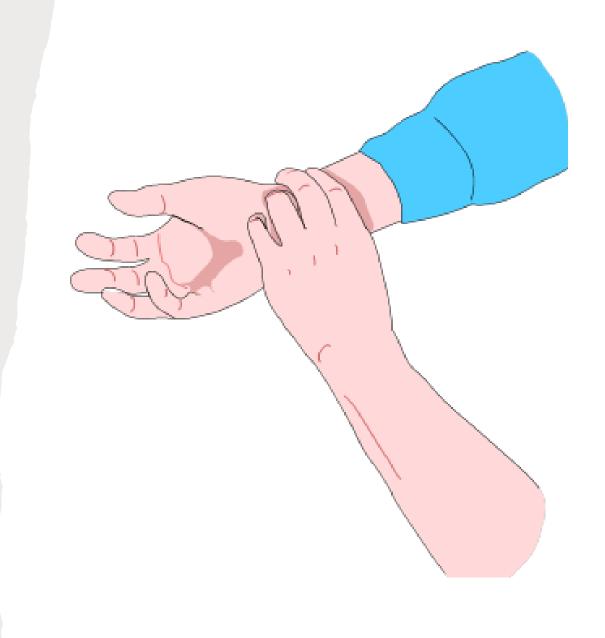
Capillary Refill < 2 seconds $RP \rightarrow M$



Perfusion: Radial Pulse

Radial pulse not present Immediate

Radial pulse present $RP \rightarrow M$



Unable to respond appropriately Immediate

Responds appropriately Delayed

Respond to questions: Person, Place, and Time

Mental Status

Walking Wounded

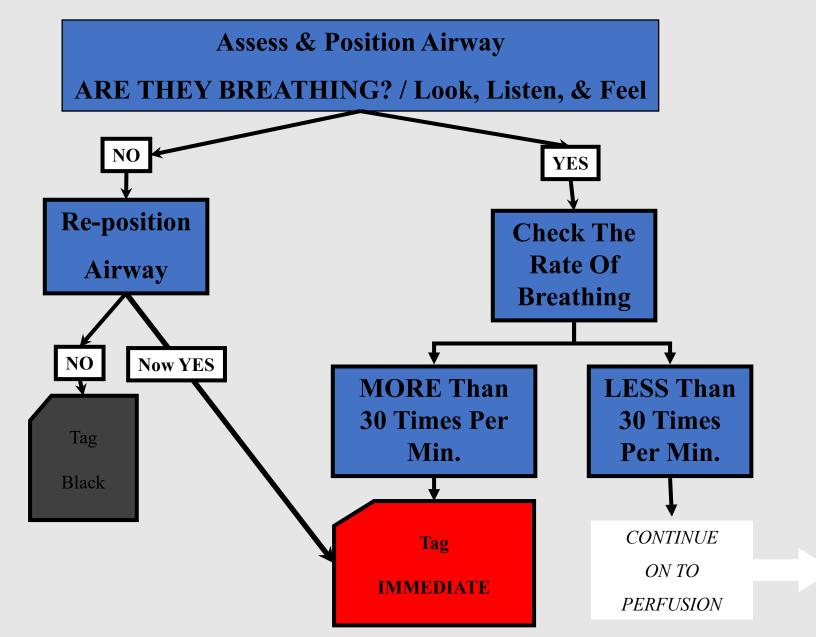


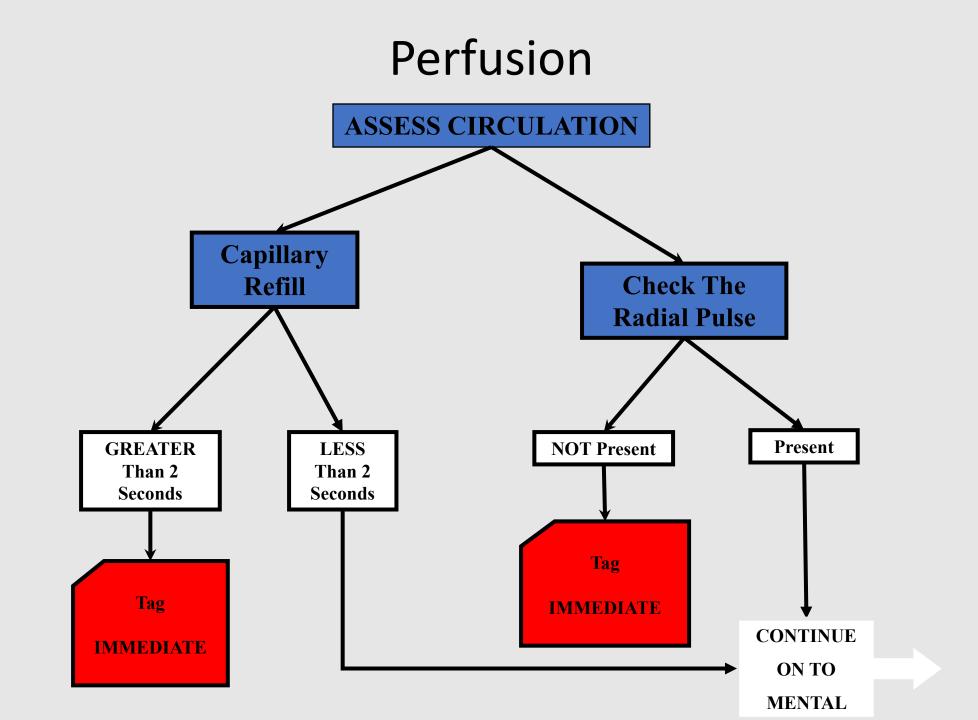
•Have ambulatory come to you

•Tell them what to do and where to go

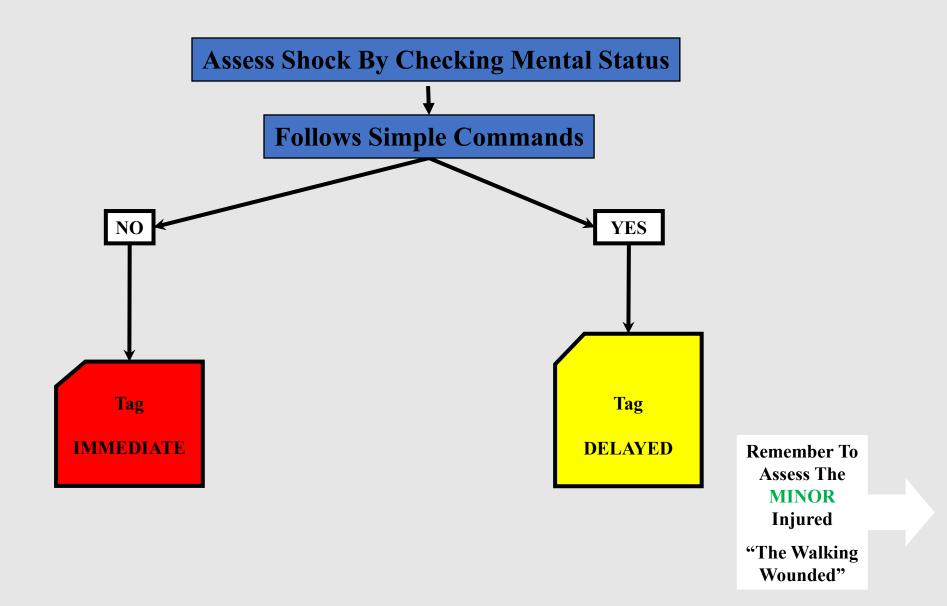
•Make sure they do not leave the scene

Respiratory Rate



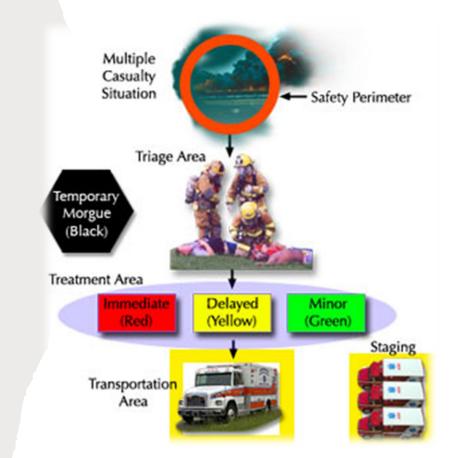


Mental Status



Mass Casualty Exercise 1

- Your partner assumes Incident Command while you begin triage operations.
- Triage the next 5 patients
- Remember RPM



Patient states he can't move or feel his legs

Respirations are 26

Pulse is 110 (Radial)

He is awake and oriented

What Triage Category?



Patient Accountability



