

SMART Triage System



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MCI

Is an incident that overwhelms the resources of an EMS system



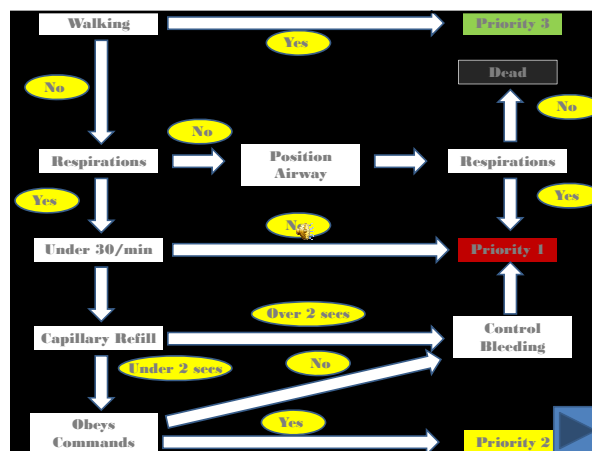
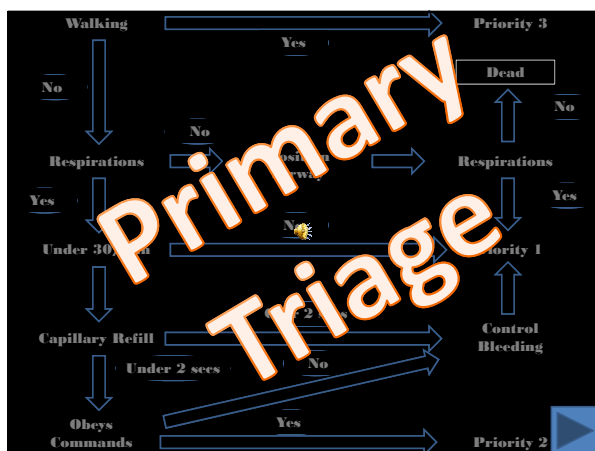
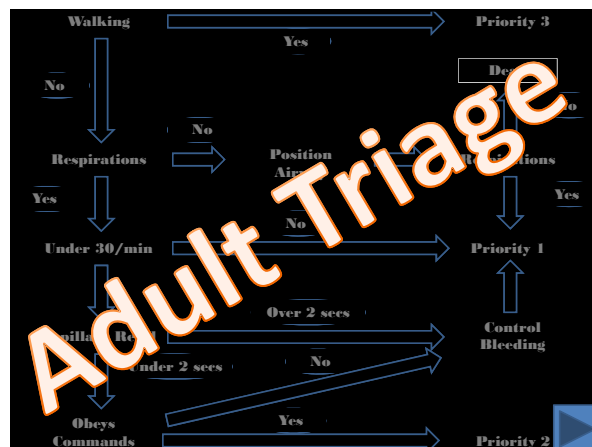
It is of the utmost importance to sort patients by their level of injury to provide the most good to the most amount of patients

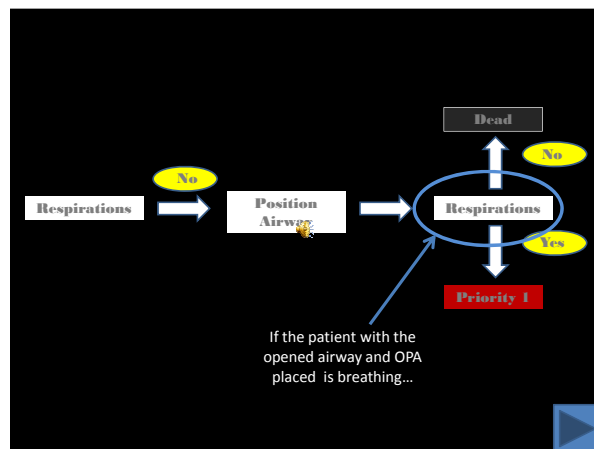
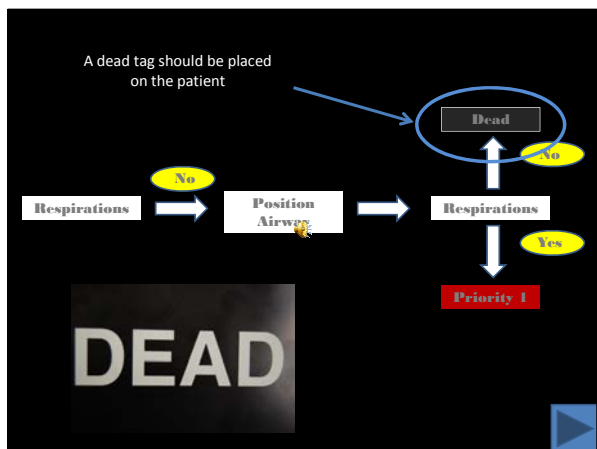
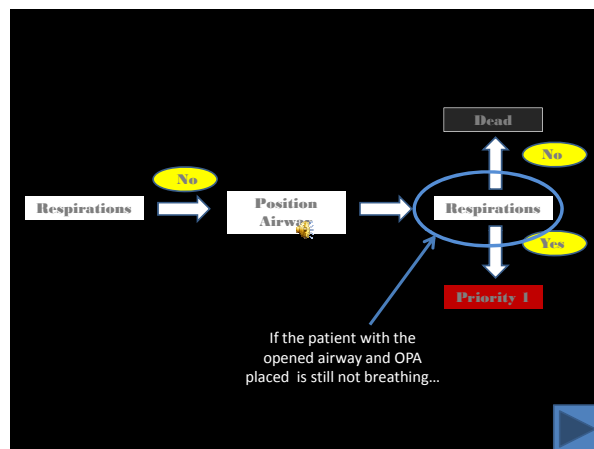
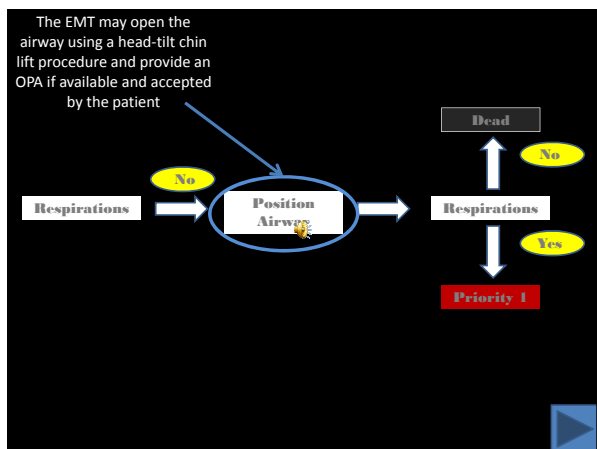
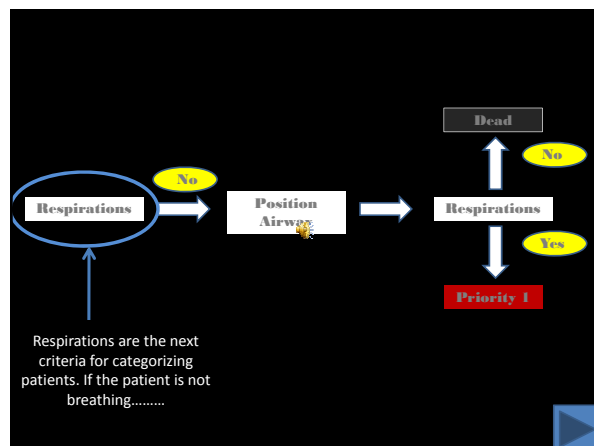
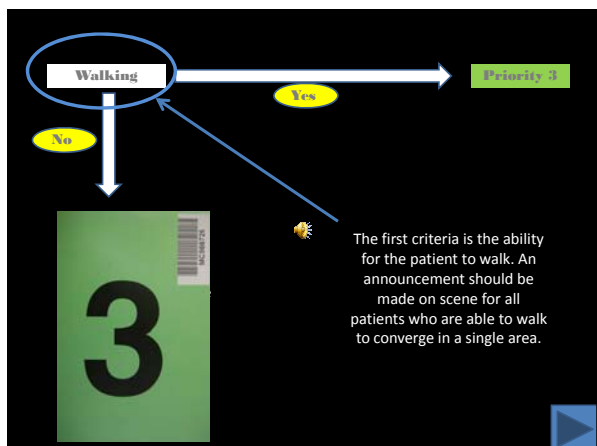
Triage

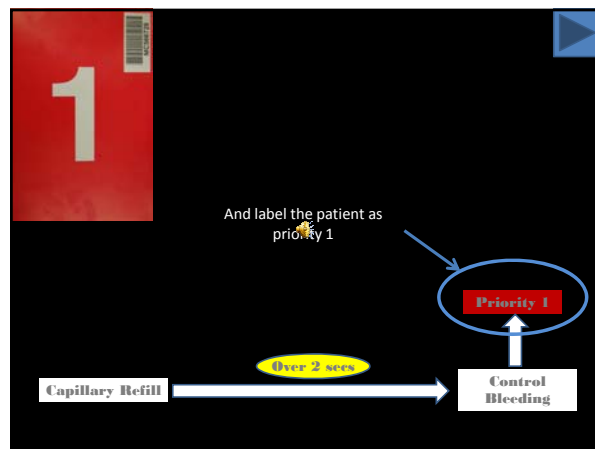
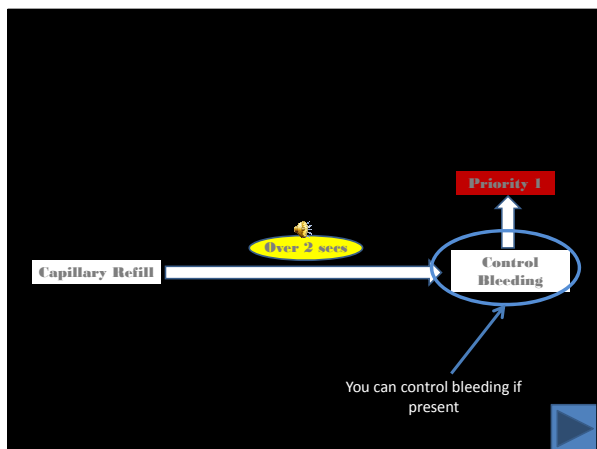
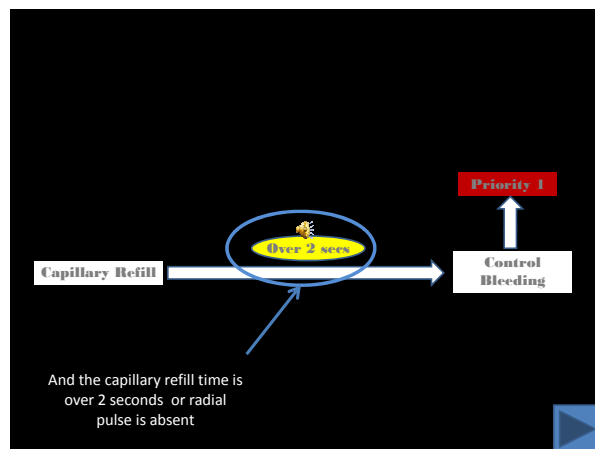
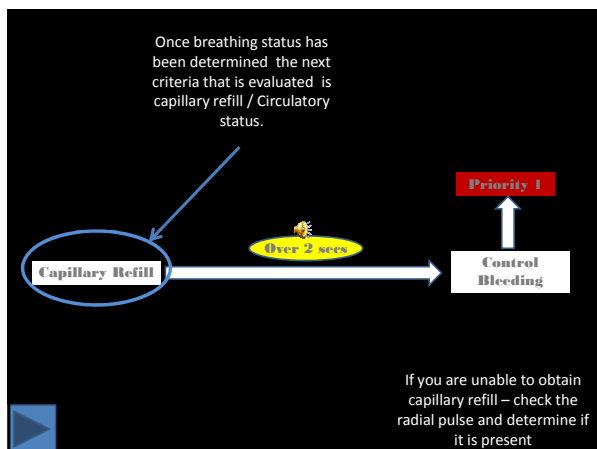
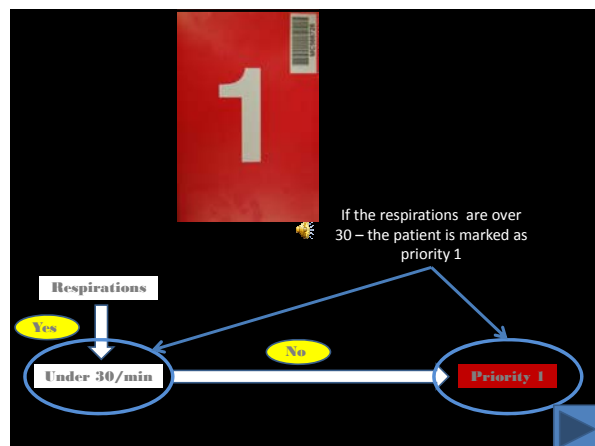
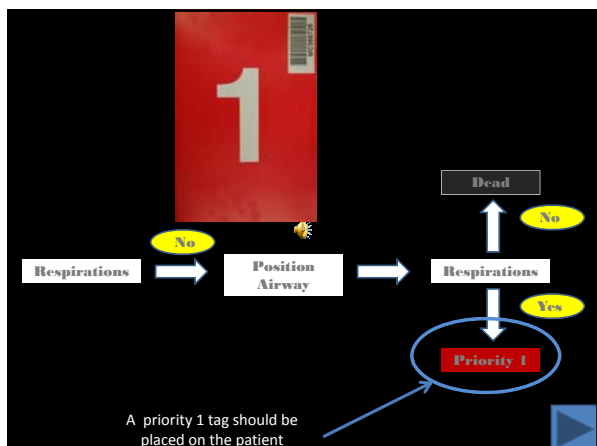
Is the process of sorting patients into distinct priorities so that the appropriate care can be rendered

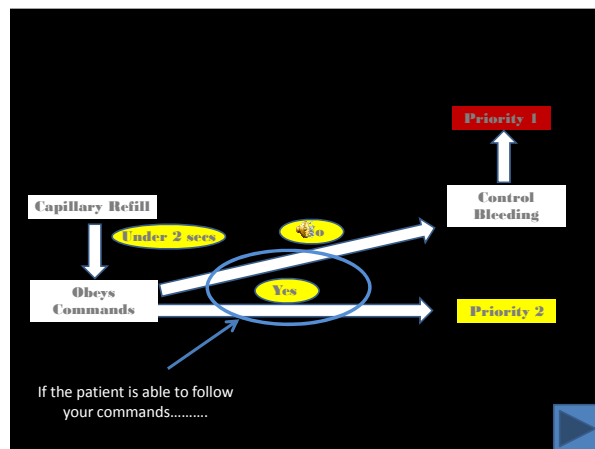
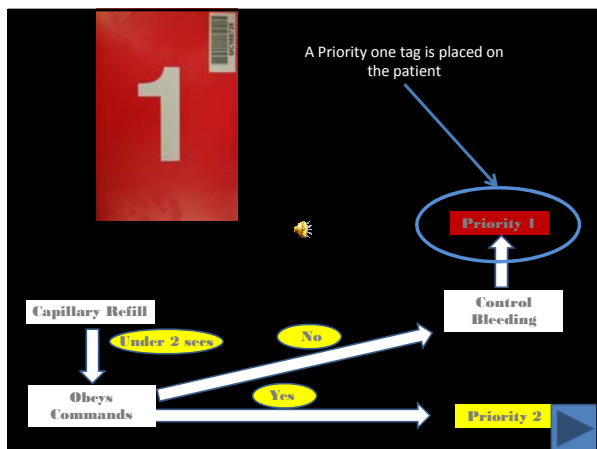
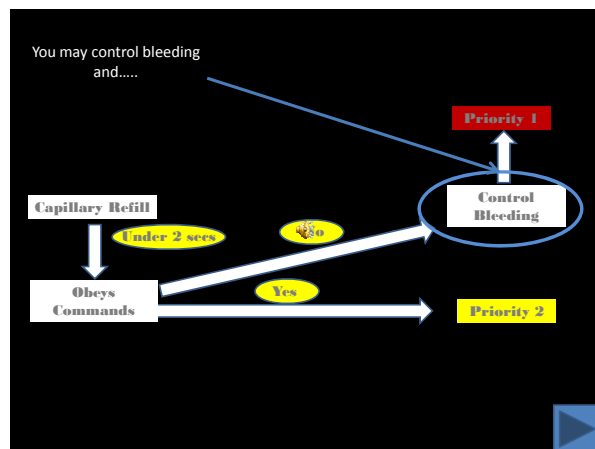
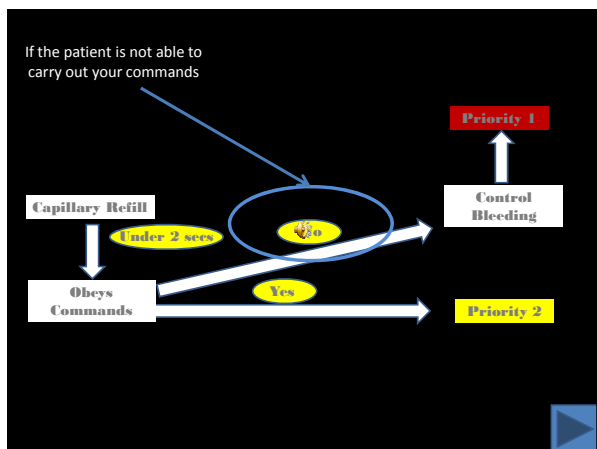
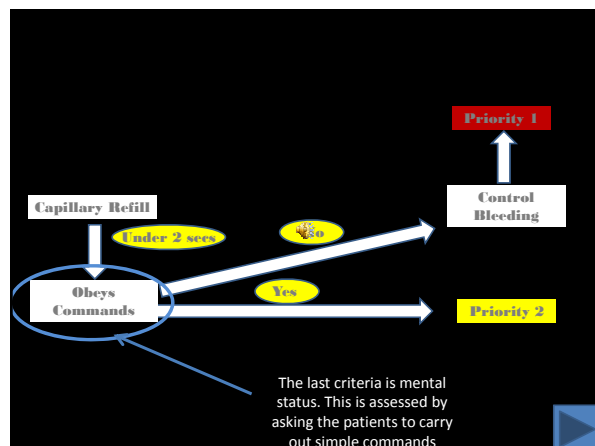
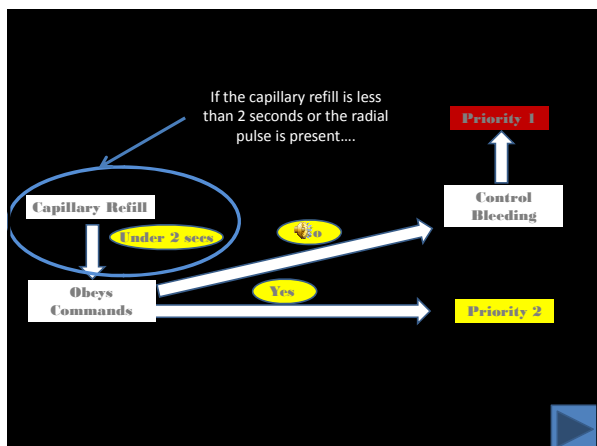


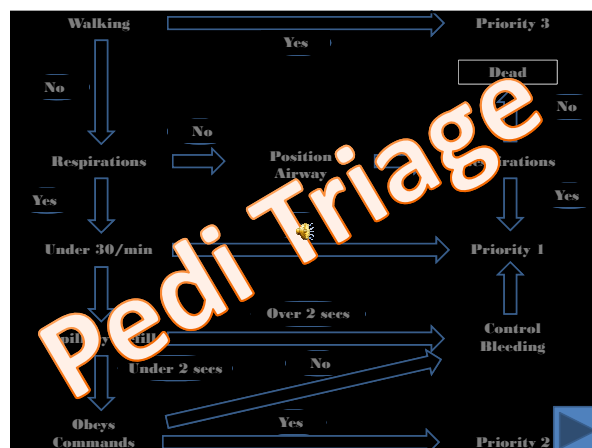
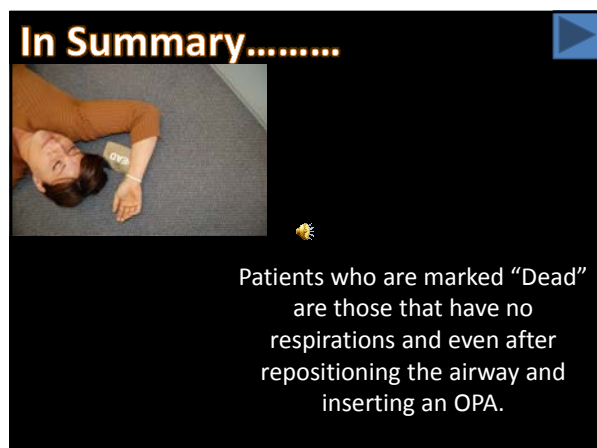
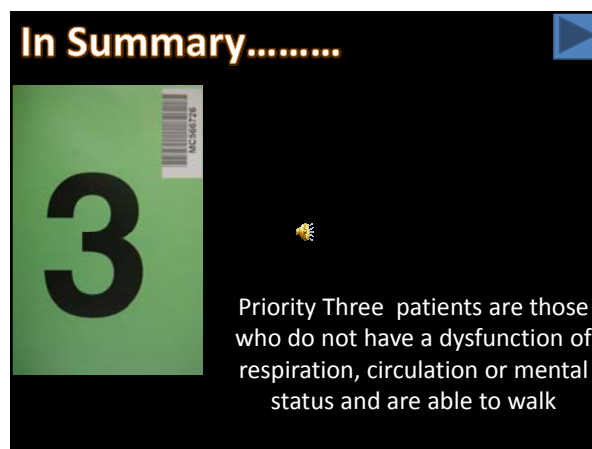
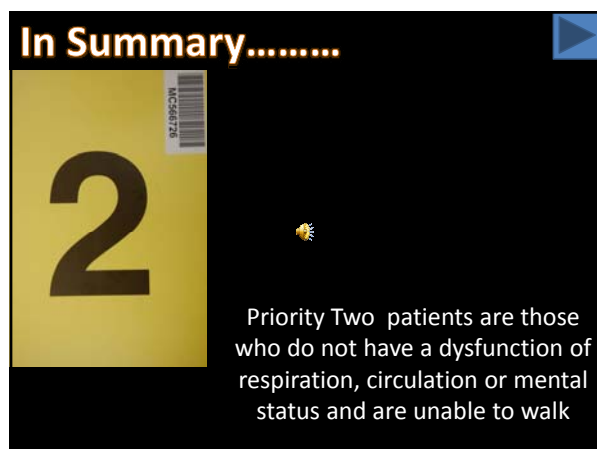
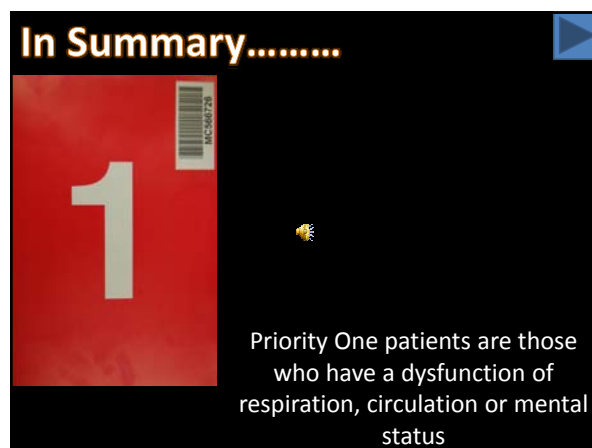
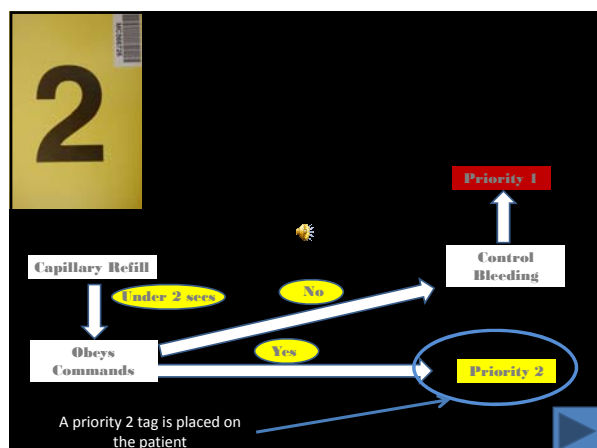
Triage should be achieved in under thirty seconds per patient















Smart Triage Tape

Used to triage pediatric patients based on their ~~Height~~ and weight

The tape should be placed next to the patient and wherever their feet land, that is the triage criteria that will be used




Smart Triage Tape

Considerations

Alert and Moving all limbs ~~Or~~ Walking → **Yes** → **Priority 3**

- Alert and moving all limbs or walking children are considered **Priority 3**

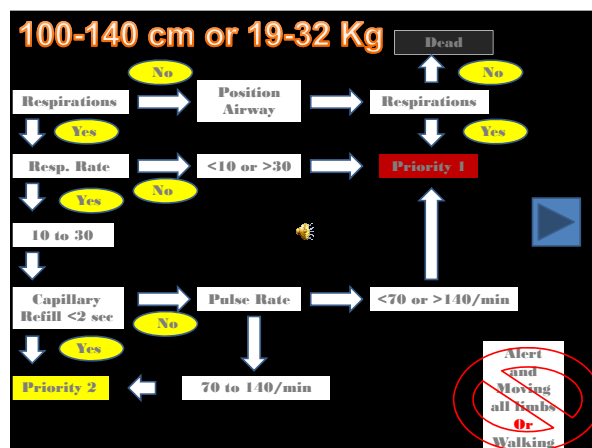
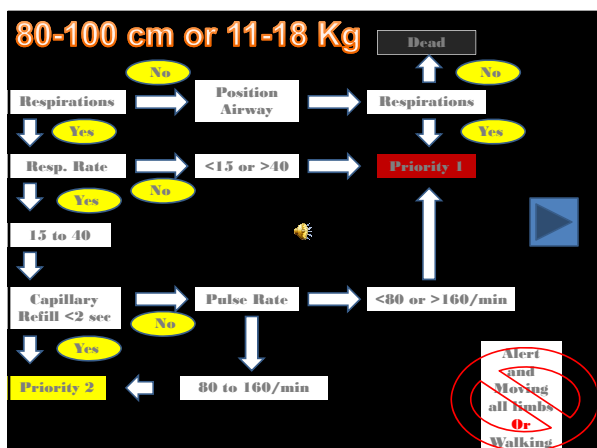
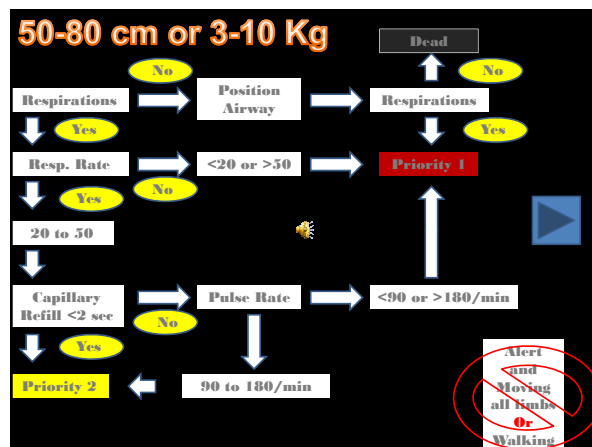


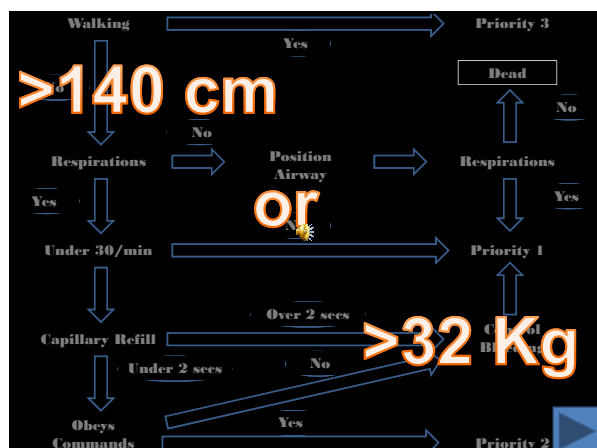
Smart Triage Tape

Considerations

~~Alert and Moving all limbs Or Walking~~

- If the patient is not alert, moving all extremities or walking, the EMT should use the Smart Tape to determine the triage scheme to use





Smart Triage Tape

Other Considerations



- A trapped child is considered **Priority 1** until extricated. The priority should be re-evaluated when released

Smart Triage Tape

Other Considerations

- If the child's age is known you can calculate their approximate weight using a formula:



$$2 \times (\text{age in years} + 4) = \text{Weight (Kgs)}$$

SMART Triage Tags



The SMART Triage Tag is a foldable water resistant tag that is uniquely identified by number / barcode. Each side of the tag contains patient information or the patients priority

SMART Triage Tags



The priority side of the foldable card is designed to be folded so that it is viewable through the see through window in the plastic envelope. This identifies which triage / treatment category that the patient falls into

SMART Triage Tags



The kit also contains a red light stick that can be activated and placed in the plastic bag. This allows the rescuers to identify priority 1 patients even in situations with low lighting

SMART Triage Tags



The plastic pouch contains an embedded elastic band that can be attached to the patient. This band should be attached to the patients wrist so that it is out of the way from injury

SMART Triage Tags



The plastic pouch also contains an external pocket in which other cards can be placed to better define the patients status.

SMART Triage Tags

These status cards are tri-fold. Just like the primary triage cards they can be folded so that a side can be displayed through the window. The side that should be displayed is either the contaminated or decontaminated face. The other panes are to document further information

SMART Triage Tags

This is the second side of the status card

SMART Triage Tags



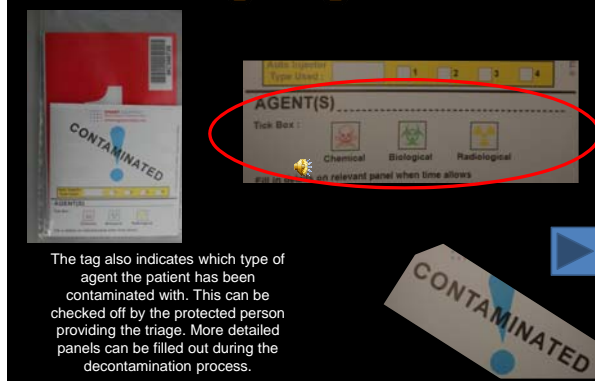
The contamination card indicates that the patient is contaminated with a chemical, biological, or radiological substance

SMART Triage Tags

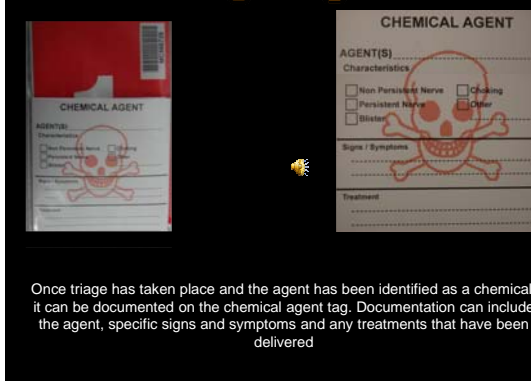


Only those with proper protective gear should triage these patients and indicate that they are contaminated. Patients should be decontaminated before being moved to treatment areas.

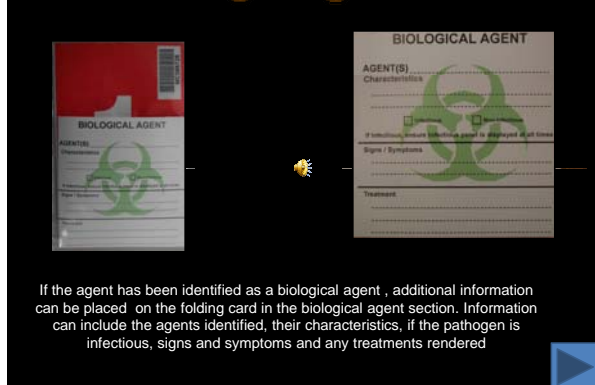
SMART Triage Tags



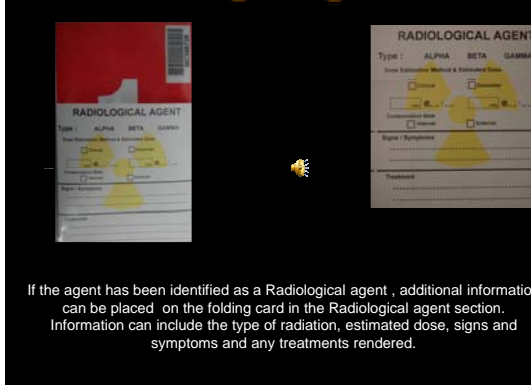
SMART Triage Tags



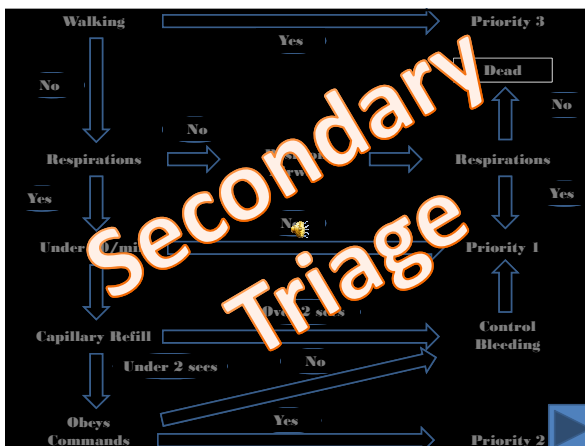
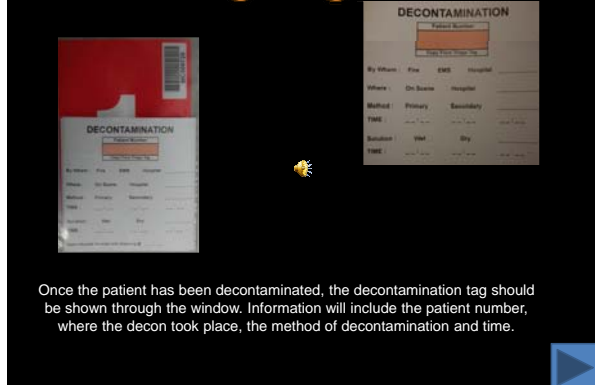
SMART Triage Tags



SMART Triage Tags



SMART Triage Tags



SMART Triage Tags

Secondary Triage is accomplished once patients have been extricated and are now in the treatment areas, or any time the provider wants to re-evaluate the patient

One panel of the SMART Triage tag is dedicated to secondary triage

SMART Triage Tags

The Glasgow Coma Scale is used to assess the patients mental status

SMART Triage Tags

Once the total is obtained it is compared to the chart and a number score is assigned

SMART Triage Tags

This score is placed in the GCS box and will be added with other criteria to determine the patients priority after secondary triage

SMART Triage Tags

The patients respiratory rate will also be compared to the chart and assigned a score

SMART Triage Tags

Finally the systolic blood pressure will be assigned a score and entered in the box

SMART Triage Tags

These three scores are combined for a total score

SMART Triage Tags

Using the total score the patients priority will be assigned. If there is a change the new priority should be displayed through the window

SMART Triage Tags

This secondary triage should be done over time and patients should constantly be re-evaluated for priority

SMART Triage Tags

The treatment section of the card has a flow chart.
Treatments have a time, description, provider sign off, and vital signs column.
The provider in the treatment area should document interventions and assessment findings here

SMART Triage Tags

The patient assessment portion of the card is designed for the provider to document injury and treatment of the patient.

SMART Triage Tags

The demographics section has patient information as well as past medical history, medications and allergies
This information can be collected once patient triage and treatment has begun and as time permits

SMART Triage Tags

When the patient is transported, the perforated removable tag is removed. This tag should be given to the commander coordinating transportation. This helps the command staff keep track of patients disposition

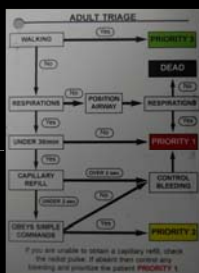


Male ☐ Female ☐ Priority : 1 2 3 DEAD Main Complaint :
 Vehicle ID : _____ Transport Time : _____
 Destination : _____

SMART Triage Pack



SMART Triage Pack



The kit contains an adult triage schematic that can be used to triage patients

SMART Triage Pack

CASUALTY COUNT										
Cross the first number and you indicate how many casualties										
PRIORITY 1	1	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	18	19	20
PRIORITY 2	1	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	18	19	20
PRIORITY 3	1	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	18	19	20
DEAD	1	2	3	4	5	6	7	8	9	10

On the reverse of the adult triage schematic is a casualty count where the person triaging should cross off the number of priority patients as assigned.

Summary

During an MCI, Triage is an important process to ensure that the most amount of people are able to survive and ultimately recover from the event



Being able to systematically triage and track patients increases the likelihood for good patient outcomes

Summary

The SMART triage system is being put into place in Massachusetts for triaging and tracking patients during an MCI, and tags will be available on all Ambulances



Patient triage is based on the patients ability to walk, respiratory status, circulation and mental status

Questions?

Any questions in regards to SMART triage should be directed towards:

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