



**What's  
Inside?**

# **Disasters in Seconds®**

Disaster Drills & Triaging Tiny Traumas

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888-280-PEDS(7337)

PediEd.com

**How Does  
It Work?**





***30 life-size foldable, durable, realistic “Mani-Kids”***

***These pediatric patients range from 6-months to 12-years-old. Injuries including everything from minor scrapes and bruises to severe burns and amputations.***



**5 “Mega Mani-Kids” AKA adults**





### ***3 “Mani-Mutts”***

***These are a great opportunity to talk with your students about specific protocols regarding animals.***



***4 Triage Tarps***







***EF4 Tornado at the Drive-In***

***Airplane Crashes on Takeoff***

***Elementary/Middle School Shooting***

***30-Car Pileup On the Highway***

***Fire at a Daycare/After-school Program***

***Catastrophic Rollercoaster Collapse***

***School Bus Crashes Off Bridge Into River Below***

***Truck Plows Through Pizza Palace Playland***

***Sports Complex Bombing***

***Flying Bouncy Houses at Easter Picnic***

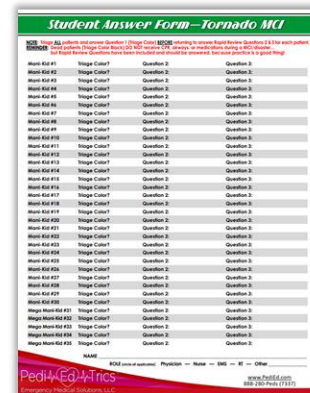
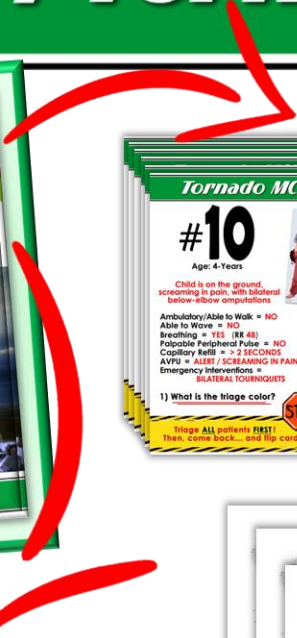
***Massive 7.4 Earthquake Devastates Small Town***

***Gas Leak with Explosion at Build-A-Bunny***

***12 unique, real life, disaster scenarios!***



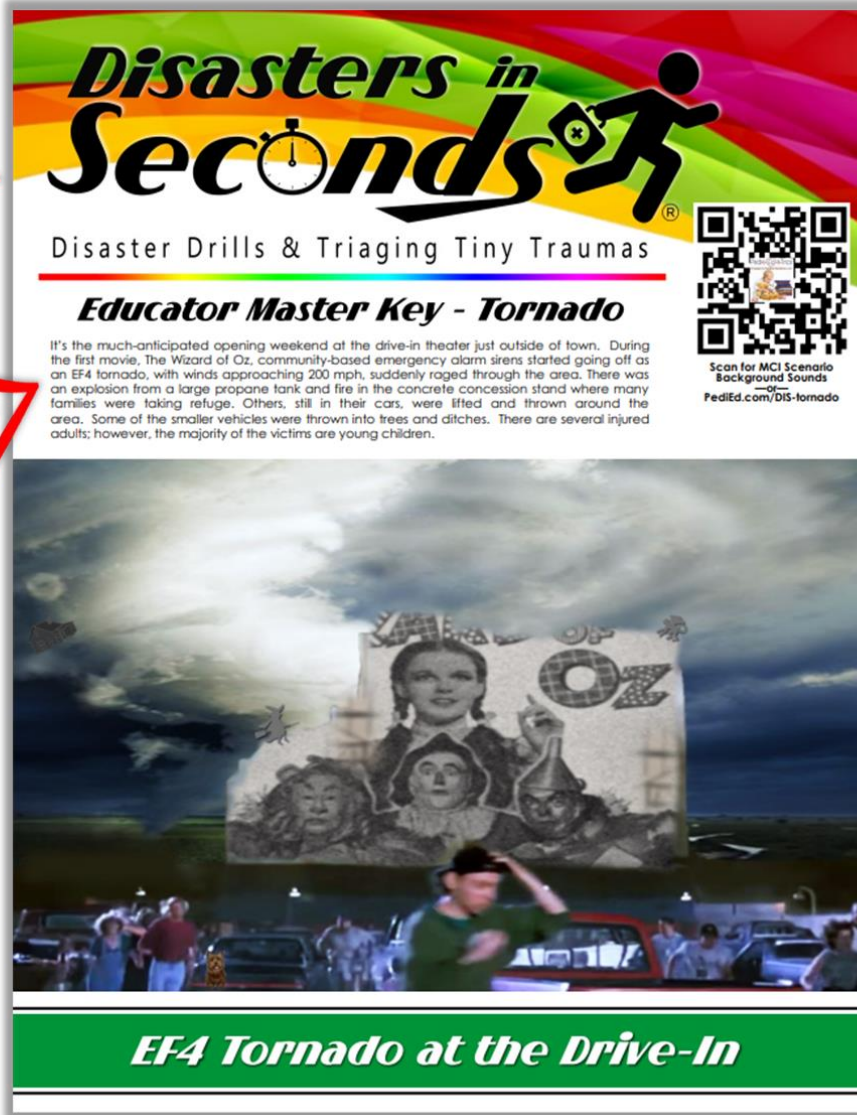
***EF4 Tornado at the Drive-In***



## *1 Hour Tornado Scenario Sound Effects!*

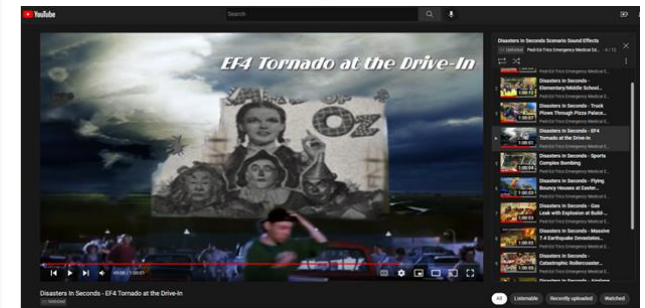
***Inside each of the 12 clear color-coded disaster scenario folders you will find... Scenario specific triage cards, removable moulage, answer keys, and sound effects!***





*1 Hour Of Scenario  
Specific Sound Effects!*

*Scenario*



***The front of the educator booklet. You will find the scenario and the QR code for 1-hour of scenario specific sound effects!***





# EF4 Tornado at the Drive-In



## Student Answer Form—Tornado MCI

Triage ALL patients and answer Question 1 (Triage Color) BEFORE returning to answer Rapid Review Questions 2 & 3 for each patient.  
Dead patients (Triage Color Black) DO NOT receive CPR, airways, or medications during a MCI/disaster...  
but Rapid Review Questions have been included and should be answered, because practice is a good thing!

Mani-Kid #1	Triage Color?	Question 2:	Question 3:
Mani-Kid #2	Triage Color?	Question 2:	Question 3:
Mani-Kid #3	Triage Color?	Question 2:	Question 3:
Mani-Kid #4	Triage Color?	Question 2:	Question 3:
Mani-Kid #5	Triage Color?	Question 2:	Question 3:
Mani-Kid #6	Triage Color?	Question 2:	Question 3:
Mani-Kid #7	Triage Color?	Question 2:	Question 3:
Mani-Kid #8	Triage Color?	Question 2:	Question 3:
Mani-Kid #9	Triage Color?	Question 2:	Question 3:
Mani-Kid #10	Triage Color?	Question 2:	Question 3:
Mani-Kid #11	Triage Color?	Question 2:	Question 3:
Mani-Kid #12	Triage Color?	Question 2:	Question 3:
Mani-Kid #13	Triage Color?	Question 2:	Question 3:
Mani-Kid #14	Triage Color?	Question 2:	Question 3:
Mani-Kid #15	Triage Color?	Question 2:	Question 3:
Mani-Kid #16	Triage Color?	Question 2:	Question 3:
Mani-Kid #17	Triage Color?	Question 2:	Question 3:
Mani-Kid #18	Triage Color?	Question 2:	Question 3:
Mani-Kid #19	Triage Color?	Question 2:	Question 3:
Mani-Kid #20	Triage Color?	Question 2:	Question 3:
Mani-Kid #21	Triage Color?	Question 2:	Question 3:
Mani-Kid #22	Triage Color?	Question 2:	Question 3:
Mani-Kid #23	Triage Color?	Question 2:	Question 3:
Mani-Kid #24	Triage Color?	Question 2:	Question 3:
Mani-Kid #25	Triage Color?	Question 2:	Question 3:
Mani-Kid #26	Triage Color?	Question 2:	Question 3:
Mani-Kid #27	Triage Color?	Question 2:	Question 3:
Mani-Kid #28	Triage Color?	Question 2:	Question 3:
Mani-Kid #29	Triage Color?	Question 2:	Question 3:
Mani-Kid #30	Triage Color?	Question 2:	Question 3:
Mega Mani-Kid #31	Triage Color?	Question 2:	Question 3:
Mega Mani-Kid #32	Triage Color?	Question 2:	Question 3:
Mega Mani-Kid #33	Triage Color?	Question 2:	Question 3:
Mega Mani-Kid #34	Triage Color?	Question 2:	Question 3:
Mega Mani-Kid #35	Triage Color?	Question 2:	Question 3:

NAME \_\_\_\_\_

ROLE (circle all applicable): Physician — Nurse — EMS — RT — Other \_\_\_\_\_

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## Educator Answer Key—Tornado MCI

Mani-Kid #1	Triage Color?	Green	Question 2:	HR 100-180	Question 3:	RR 30-60
Mani-Kid #2	Triage Color?	Yellow	Question 2:	Red	Question 3:	BP 66-126
Mani-Kid #3	Triage Color?	Red	Question 2:	F: 4.9 mcg -OR- K: 1.6-9 mg -OR- M: 0.4-0.7 mg	Question 3:	3.3-4.5 uncuffed ETT -OR- 3.0-3.5 cuffed ETT
Mani-Kid #4	Triage Color?	Green	Question 2:	Purple	Question 3:	10-11 kg
Mani-Kid #5	Triage Color?	Yellow	Question 2:	RR 20-30	Question 3:	F: 6-14 mcg -OR- K: 2-14 mg -OR- M: 0.6-1.4 mg
Mani-Kid #6	Triage Color?	Red	Question 2:	240-280 mL Normal Saline or LR	Question 3:	F: 6-14 mcg -OR- K: 2-14 mg -OR- M: 0.6-1.4 mg
Mani-Kid #7	Triage Color?	Green	Question 2:	HR 65-140	Question 3:	F: 8-18 mcg -OR- K: 3-18 mg -OR- M: 0.8-1.8 mg
Mani-Kid #8	Triage Color?	Red	Question 2:	5.0 uncuffed ETT -OR- 4.5 cuffed ETT	Question 3:	8-10 FR
Mani-Kid #9	Triage Color?	Yellow	Question 2:	White	Question 3:	F: 8-18 mcg -OR- K: 3-18 mg -OR- M: 0.8-1.8 mg
Mani-Kid #10	Triage Color?	Red	Question 2:	Absolutely, YES	Question 3:	* NASAL F: 15-36 mcg -OR- K: 15-90 mg EPI/ADPHrine
Mani-Kid #11	Triage Color?	Black	Question 2:	King Size 2.5 -OR- LMA Size 2.5 -OR- Lgel Size 2	Question 3:	19-23 kg
Mani-Kid #12	Triage Color?	Yellow	Question 2:	Blue	Question 3:	15-16.5 cm
Mani-Kid #13	Triage Color?	Red	Question 2:	5.5 uncuffed ETT -OR- 5.0 cuffed ETT	Question 3:	F: 10-23 mcg -OR- K: 3-23 mg -OR- M: 1-2.3 mg
Mani-Kid #14	Triage Color?	Red	Question 2:	380-460 mL Normal Saline or LR	Question 3:	F: 10-23 mcg -OR- K: 3-23 mg -OR- M: 1-2.3 mg
Mani-Kid #15	Triage Color?	Red	Question 2:	F: 10-23 mcg -OR- K: 3-23 mg -OR- M: 1-2.3 mg	Question 3:	19-23 kg
Mani-Kid #16	Triage Color?	Black	Question 2:	19-23 kg	Question 3:	18-43.2 mg Rocuronium
Mani-Kid #17	Triage Color?	Green	Question 2:	HR 60-130	Question 3:	RR 12-22
Mani-Kid #18	Triage Color?	Red	Question 2:	480-580 mL Normal Saline or LR	Question 3:	F: 12-29 mcg -OR- K: 4.8-29 mg -OR- M: 1.2-2.9 mg
Mani-Kid #19	Triage Color?	Yellow	Question 2:	* NASAL V: 24.58 mg -OR- A: 24.29 mg	Question 3:	BP 88-120
Mani-Kid #20	Triage Color?	Yellow	Question 2:	24-29 kg	Question 3:	F: 12-29 mcg -OR- K: 4.8-29 mg -OR- M: 1.2-2.9 mg
Mani-Kid #21	Triage Color?	Green	Question 2:	HR 60-110	Question 3:	BP 88-120
Mani-Kid #22	Triage Color?	Red	Question 2:	F: 15-36 mcg -OR- K: 4-36 mg -OR- M: 1.5-3.6 mg	Question 3:	18-43.2 mg Rocuronium
Mani-Kid #23	Triage Color?	Red	Question 2:	* NASAL F: 30-72 mcg -OR- K: 30-180 mg	Question 3:	600-730 mL Normal Saline or LR
Mani-Kid #24	Triage Color?	Yellow	Question 2:	Green	Question 3:	30-36 kg
Mani-Kid #25	Triage Color?	Black	Question 2:	King Size 2.5-3 -OR- LMA Size 3 -OR- Lgel Size 2.5-3	Question 3:	3.3-3.6 mL EPI/ADPHrine
Mani-Kid #26	Triage Color?	Yellow	Question 2:	BP 88-120	Question 3:	* NASAL F: 30-80 mcg -OR- K: 30-200 mg
Mani-Kid #27	Triage Color?	Green	Question 2:	HR 60-110	Question 3:	RR 12-22
Mani-Kid #28	Triage Color?	Green	Question 2:	800-1000 mL Normal Saline or LR	Question 3:	F: 20-30 mcg -OR- K: 8-50 mg -OR- M: 2-5 mg
Mani-Kid #29	Triage Color?	Black	Question 2:	6.5-7.0 cuffed ETT	Question 3:	20-22 cm
Mani-Kid #30	Triage Color?	Yellow	Question 2:	King Size 3.4 -OR- LMA Size 3.4 -OR- Lgel Size 3.4	Question 3:	12-14 FR
Mega Mani-Kid #31	Triage Color?	Green	Question 2:	7.0-8.0 cuffed ETT	Question 3:	F: 25-100 mcg -OR- K: 20-100 mg -OR- M: 2-10 mg (ADULT) *
Mega Mani-Kid #32	Triage Color?	Yellow	Question 2:	F: 25-100 mcg -OR- K: 20-100 mg -OR- M: 2-10 mg (ADULT) *	Question 3:	300-1000 mL Normal Saline or LR (ADULT) *
Mega Mani-Kid #33	Triage Color?	Green	Question 2:	HR 60-100	Question 3:	RR 12-20
Mega Mani-Kid #34	Triage Color?	Green	Question 2:	* (ADULT) NASAL F: 30-100 mcg -OR- K: 25-100 mg	Question 3:	F: 25-100 mcg -OR- K: 20-100 mg -OR- M: 2-10 mg (ADULT) *
Mega Mani-Kid #35	Triage Color?	Black	Question 2:	King Size 4.5 -OR- LMA Size 4.5 -OR- Lgel Size 4.5	Question 3:	7.0-8.0 cuffed ETT

\* MEDS  
ABBREVIATION  
KEY:  
A = Ativan (Lorazepam) (mg)  
F = Fentanyl (mcg)  
K = Ketamine (mg)  
M = Morphine (mg)  
V = Versed (midazolam) (mg)

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**On the last page of all the educator booklets, you will find...**  
**The blank scenario specific “Student” answer sheet to make photocopies,**  
**and the “Educator” answer key for easy grading.**

*Cards Go Here*



**Tornado MCI**

**#21**

Age: 10-Years

Child is walking around with blood on her right hand/wrist

Ambulatory/Able to Walk = **YES**  
Able to Wave = **YES**  
Breathing = **YES** (RR 22)  
Palpable Peripheral Pulse = **YES**  
Capillary Refill = **< 2 SECONDS**  
AVPU = **ALERT**  
Emergency Interventions = **NONE**

1) What is the triage color?

**STOP**

Triage **ALL** patients **FIRST!**  
Then, come back... and flip card over...



**EF4 Tornado at the Drive-In**

***Inside the scenario folder, you will find a pack of triage cards. Each Mani-Kid has their own card for each MCI. Students will reference the information on the cards, as well as the visual moulage on the patient to determine the correct triage color.***



***Disaster Scenario*** → **Tornado MCI**

***Patient Information*** → **#21**  
Age: 10-Years  
Child is walking around with blood on her right hand/wrist

***Triage Information*** →  
Ambulatory/Able to Walk = YES  
Able to Wave = YES  
Breathing = YES (RR 22)  
Palpable Peripheral Pulse = YES  
Capillary Refill = < 2 SECONDS  
AVPU = ALERT  
Emergency Interventions = NONE

***Mani-Kid # & Card #*** → **Mani-Kid 21**  
10 Year Old - Girl

***Question 1*** → 1) What is the triage color?

**STOP**

**Triage ALL patients FIRST!**  
Then, come back... and flip card over...



## ***Triage card breakdown***

***Note: The layout is the same for every card, in every one of the 12 disaster scenarios.***

***Tornado MCI***

**#13**

Age: 5-Years

Child is on the ground, with glass in her hair, an open skull fracture, flap avulsion on the right thigh, and blood on the left elbow

Ambulatory/Able to Walk = **NO**  
 Able to Wave = **NO**  
 Breathing = **NO** (RR 0)  
 → Response to Opening Airway = (RR 8)  
 Palpable Peripheral Pulse = **YES**  
 Capillary Refill = **> 2 SECONDS**  
 AVPU = **UNRESPONSIVE**  
 Emergency Interventions = **NONE**

1) What is the triage color?

**STOP**

**Triage ALL patients FIRST!**  
 Then, come back... and flip card over...



***The Mani-Kid number that is in the top right corner of the board also corresponds to the triage card number.***



***Tornado MCI***

**#17**  
Age: 7-Years

Child is walking around with no visible injuries, asking where his parents are

Ambulatory/Able to Walk = **YES**  
Able to Wave = **YES**  
Breathing = **YES** (RR 24)  
Palpable Peripheral Pulse = **YES**  
Capillary Refill = **< 2 SECONDS**  
AVPU = **ALERT**  
Emergency Interventions = **NONE**

1) What is the triage color?

**STOP**

**Triage ALL patients FIRST!**  
Then, come back... and flip card over...



***Flip Card  
For Two  
Additional  
Pediatric  
Questions***

Rapid Review Questions...  
Answer **ONLY AFTER** triaging on other side

Side 2

Age: 7-Years

**#17**

2) What is the normal heart rate for a child of this age?

3) What is the normal respiratory rate for a child of this age?

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Disaster Drills & Triaging Tiny Traumas

**Educator's Notes:**  
No Additional Moulage Needed

***After your students have triaged all the patients, there are two additional pediatric questions on the back of the card.***

***Note: These are not secondary triage questions...  
They are intended for additional pediatric practice only.***

***Tornado MCI***

**#18**  
Age: 8-Years

Child is on the ground, screaming in pain, with a right below-knee amputation

Ambulatory/Able to Walk = **NO**  
Able to Wave = **NO**  
Breathing = **YES** (RR 48)  
Palpable Peripheral Pulse = **YES**  
Capillary Refill = **> 2 SECONDS**  
AVPU = **ALERT / SCREAMING IN PAIN**  
Emergency Interventions = **TOURNIQUET**

1) What is the triage color?

**Triage ALL patients FIRST!  
Then, come back... and flip card over...**





***Flip Card  
For Two  
Additional  
Pediatric  
Questions***

Rapid Review Questions...  
Answer **ONLY AFTER** triaging on other side

Side 2

Age: 8-Years

**#18**

2) What is the IV/IO Normal Saline (NS) or Lactated Ringer's (LR) bolus in mL for this patient?

3) What is the IV/IO dose of FentaNYL, Ketamine, **OR** Morphine that you would push **SLOWLY** over 3-5 minutes for this patient?

***Disasters in Seconds***  
Disaster Drills & Triageing Tiny Traumas

**Educator's Notes:**  
No Additional Moulage Needed



***The two additional questions change depending on the scenario and the injuries of the patient.***

***Note: The questions do not indicate the next steps of care, i.e., if the kid is triaged to green and question #3 is "what size ET tube for this patient" that does not mean you should be putting an ET tube in a healthy kid. Again, these questions are there to give students the opportunity to use their cheat sheets and ultimately practice finding the information.***



**Original Mani Kid No  
Temporary Moulage**



**Tornado MCI**



**School Bus MCI**



**Fire MCI**



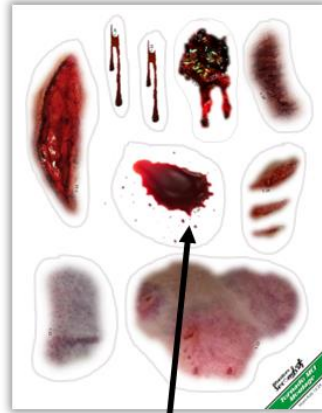
***Depending on the scenario, certain Mani-Kids may require temporary moulage. The scenario specific educator manual will show which kids need what moulage and where.***

**Original Mani-Kid No  
Temporary Moulage**

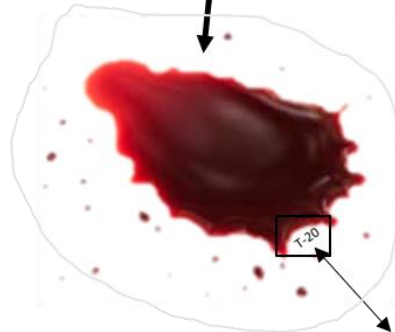


+

**Temporary Moulage For  
Tornado Scenario**



=



**T-20**  
*Moulage ID*

**Tornado MCI**

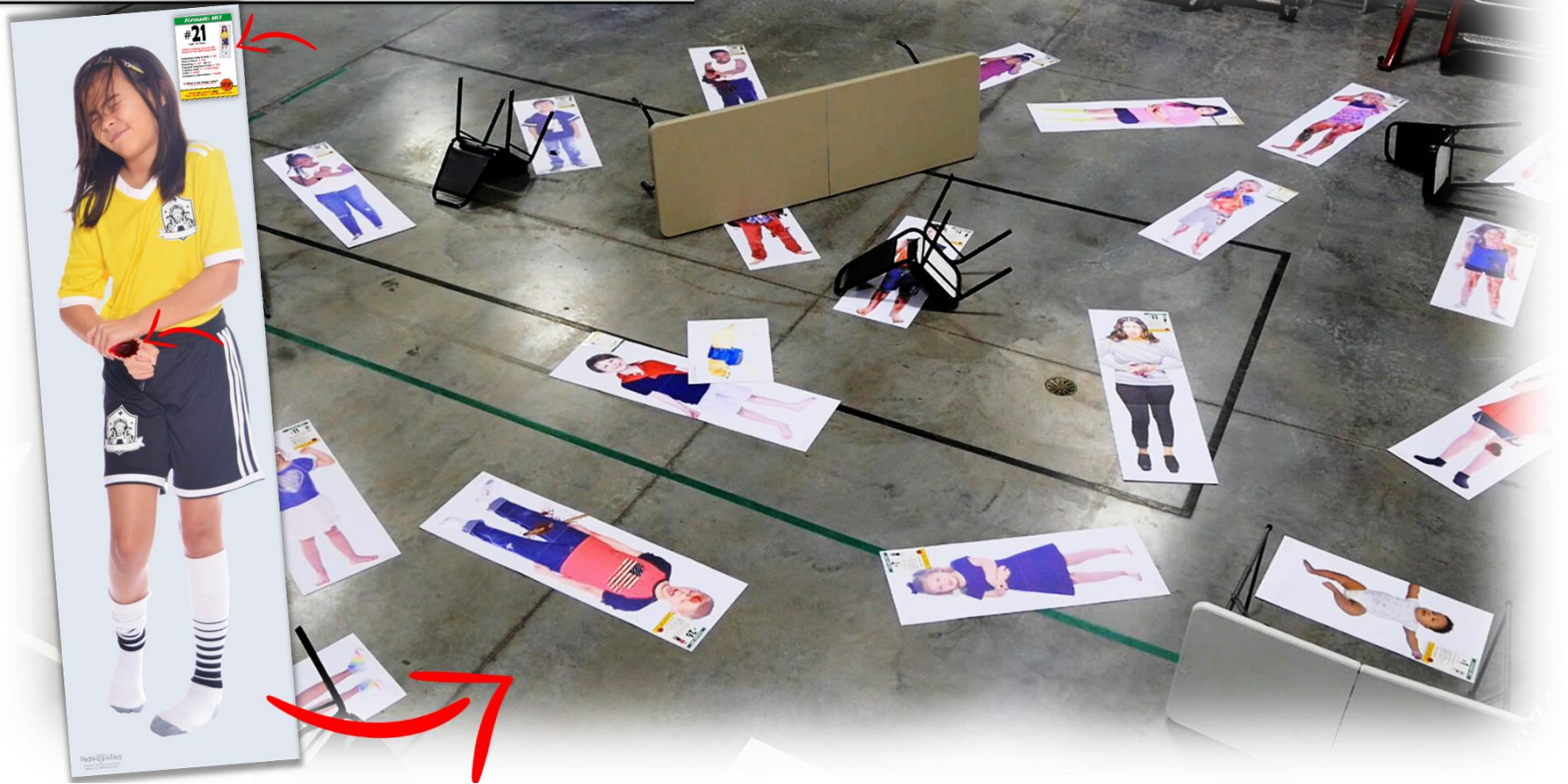


**Card Information**  
***Child is walking  
around with  
blood on her right  
hand/wrist***

***Temporary moulage pieces are clear, sticky, plastic overlays to be placed on the Mani-Kids. The moulage matches the triage card patient information.***  
***Note: Inside each scenario folder, there is all the moulage for all the Mani-Kids for that specific scenario.***



## ***Tornado MCI***



## ***Running one disaster scenario is as easy as 1-2-3-4***

- 1- Pick one MCI scenario (example, The Tornado MCI)**
  - 2- Match the triage cards with their Mani-Kids**
  - 3- Add additional temporary moulage if needed**
  - 4- Put the patients around the room, ambulance bay, parking lot, etc.**
- That's It! Your ready to train!***



***Each student will need: A clipboard, scenario specific answer sheet, (i.e., The Tornado MCI), Pedi-Wheel and a pen! That's it!***

***Note: Students are also encouraged to use apps on their phone or other cheat sheets as needed to determine correct triage color.***





***They are now ready to practice their triaging skills and gain additional pediatric knowledge! They also get to practice moving patients to appropriate tarps or areas using team work, and ultimately through training on a more regular basis, be more prepared for a real-life disaster.***



***But it doesn't end there! Educators, take things up a notch by turning off the lights, adding a fog machine, flashing lights, the included sound effects and making your students use a flashlight! The more intense the training...  
The stronger they will become!***





### ***EF4 Tornado at the Drive-In***

***Verify all patients were triaged correctly using the triage answer key inside the scenario specific educator manual.***





***Credit hours? Have your students log in to the online component of Disasters In Seconds, fill in their answers at home and get 1 credit hour for each disaster scenario!***





### EF4 Tornado at the Drive-In




1 Hour Tornado Scenario  
Sound Effects!







### School Bus Crashes Off Bridge Into River Below




1 Hour Bus Crash Scenario  
Sound Effects!







***With 12 unique disaster scenarios, you could run a completely hands-on MCI training day once a month for an entire year!***





***There is a time and place for real life actors, makeup artists and gooey, drippy moulage when it comes to disaster training... because it's cool!! But trying to coordinate with schedules, paying for overtime, and getting patients to act out their actual injuries can be a LOT of work. Disasters In Seconds alleviates all of these issues, takes one person about 20-30 minutes to set up, and at the end of the day all fits back in one bag. DISASTER TRAINING DONE!!***



# Disasters in Seconds®

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888-280-PEDS(7337)

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- ✓ 35 Patients
- ✓ 12 MCI Scenarios
- ✓ 1 Disaster Training System You'll Never Forget!

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