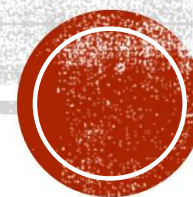




MOULAGE: WHAT IS IT AND WHY YOU NEED IT

Partners In Emergency Preparedness Conference

April 4, 2024



WHAT IS MOULAGE?

From Wikipedia:

- **Moulage** (French: casting/moulding) is the art of applying mock injuries for the purpose of training Emergency Response Teams and other medical and military personnel. Moulage may be as simple as applying pre-made rubber or latex "wounds" to a healthy "patient's" limbs, chest, head, etc., or as complex as using makeup and theatre techniques to provide elements of realism (such as blood, vomitus, open fractures, etc.) to the training simulation. The practice dates to at least the Renaissance, when wax figures were used for this purpose.



WHY MOULAGE?

- It enhances the training for all Emergency Response Teams – CERT, EMS, Fire, Police, Military, Hospitals, Airports, Schools - by providing realism to the training simulation. This puts more stress and anxiety on the Responders but it is done in a safe environment.



WHAT HAS MOULAGE MAYHEM PARTICIPATED IN?

- Active Shooter and Mass Casualty Incident Drills
 - DHS / FEMA
 - Fire Departments
 - Law Enforcement
 - Military
 - Prison Guards / Corrections Centers
- Airport FAA Exercises
- CERT Final Drills
- Citizen Corps Expos
- Hospital drills
 - Mass Casualty
 - Decontamination
- Girl Scouts - Great Cascadia Zombie Survival Challenge
- Nuclear Plants and Oil Refineries
- Schools
 - Bus Accidents
 - Classroom
 - DUI Mock Crashes

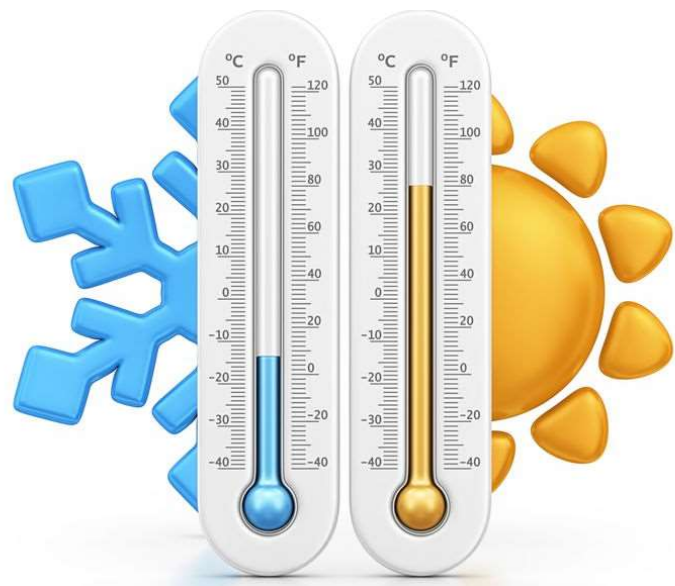




WHEN AGREEING TO DO MOULAGE . . .

- Where is it, time of day and will it be indoors or outdoors
- Type of location
- What is the Scenario
- Actual drill start time
- How many role players are expected and arrival time
- Does the organization have specific wounds
- Will there be ventilation, access to electricity, water and/or restrooms
- Will the room be on tile or carpet





WHEN YOU START APPLYING MOULAGE . . .

- Consider time of day, time of year (anyone going to Prom or getting pictures done) and weather/temperature
- Introduce yourself to the role player
- Ask if this is their first drill
- Ask about clothing disposability
- Ask about any allergies, such as latex, adhesives or skin conditions
- Ask permission as you will need to be touching them
- Explain what you will be doing
- **VERY IMPORTANT:** Make sure Role Players see their wounds and are comfortable. If they start to “feel” their wounds, the wounds need to be removed immediately
- No one ever leaves with their wounds





SANITATION

No Water

- If there is no water, consider carrying hand sanitizer and/or bottled water

Sponges

- Never double dip cosmetic sponges or wash and reuse

Stipples

- Stipple sponges can be reused after washing

Prosthetics

- Latex wounds can be reused after washing

Brushes

- Brushes need to be washed after every use/skin contact





DURING AND AFTER THE DRILL

Moulage Artists may double as Role Players, if needed

It is important to have at least one Artist remain out of play for Role Player safety

- Someone feeling their wounds
- Someone needs to leave

Everyone helps with cleanup

- Assist with wound removal
- Need to get wounds returned

Leave the place cleaner than when we found it





LATEX

- Always ask Role Players if anyone is allergic to latex.
- Latex allergies can be life threatening.
- The more exposure someone has had to latex the more likely they are to develop an allergy to it.
- People who are allergic to bananas, avocados, kiwi or chestnuts are more likely to be allergic to latex.
- What is latex in?
 - Balloons
 - Bottle nipples and pacifiers
 - Clothes with elastic or spandex
 - Erasers
 - Rubber (or medical) gloves
 - Rubber bands
 - Tires



WHY CHOOSE MOULAGE MAYHEM?

- All Artists have been through a CERT class, at minimum, to get an understanding of the ICS structure and Emergency Preparedness.
- All Artists are required to complete FEMA IS-100, 200 and 700.
- All Artists are encouraged and asked to belong to and participate with a local CERT, MRC, American Red Cross or any Emergency Preparedness related group. These Agencies perform background checks and usually put on classes or drill enough so everyone is always up-to-date on their skills.
- We are professional. We realize the importance and seriousness of the drills we do moulage at.
- We are experienced. Though Moulage Mayhem was created in 2015, many of the artists have been doing moulage for many years.
- We do our research. Whenever we are asked to do moulage at a drill and the injury list is not the norm, we make sure we get the knowledge so that we are always applying the correct wounds, as well as learning wound behavior and mechanism of injury, that would apply to the drill scenario we are at.
- We are always learning and taking classes that become available. There is always new products on the market and a lot more non-latex options. We are always learning from each other.
- We are all Volunteers who find moulage as a way to give back to our Emergency Responder Community and we love doing this for them.





THANK YOU!

MOULAGE MAYHEM

