

<b>Standard Operating Procedure</b>	<b>PEORIA FIRE-MEDICAL DEPARTMENT</b>
<b>RESCUE DECONTAMINATION</b>	<b>EMS</b>
	<b>400.29</b>
	<b>Initial 05/11/2020</b>
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## **PURPOSE**

The intent of this procedure is to establish guidelines for the proper cleaning and disinfection of Peoria Fire Medical Department Rescues daily and post-emergency response dispatches with patient transport.

## **POLICY**

Proper daily care and after the call disinfection are essential to the safety and health of not only fire medical department personnel but the sick and injured passengers of the rescue.

Peoria Fire Medical Rescues will be kept clean at all times through the course of any given shift. The assigned crew shall be responsible for the mechanical function, general cleanliness of the vehicle, and its equipment inventory in accordance with this SOP and 500.01 & 500.02.

After all calls that require transportation of a patient(s) in Peoria Fire Medical Department Rescues, this policy shall outline the proper procedures for decontamination of the apparatus in order to be available for further utilization in the 911 mutual aid system.

## **DEFINITIONS**

Daily Disinfection Process – The daily process of readying the equipment and ensuring the rescue is properly outfitted for dispatch.

Standard Decontamination Process – The process of preparing the rescue to return to service post transport with minimal noticeable or potential contamination of the passenger compartment.

Advanced Decontamination Process – The process of preparing the rescue to return to service post transport with moderate noticeable or potential contamination of the passenger compartment.

Professional Decontamination Process – The process of preparing the rescue to return to service post transport with severe noticeable or potential contamination of the passenger compartment.

Decontamination PPE – The proper infectious control equipment or universal precautions to be utilized when disinfecting a rescue post patient transport may include

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some/all of the following: gloves, masks, eyewear, gowns, sleeves, and respiratory protection

Approved Disinfectant Solution – 5% Chlorine bleach, 1 cup of bleach per gallon (mix and allow to sit for 30 minutes before dispersing into smaller containers), 1:10 – 1:100 part solution with water, or EPA approved cleaning solutions (Aqua Chem, Terminator, etc.).

Sanitizers – Reduce germs on the surface where they are applied, however sanitizers do not eliminate all pathogens.

Disinfectants – Neutralize or eliminate germs where they are applied, however they fall short in removing dirt and organic matter.

Cleaners – Remove dirt, organic materials and germs, but should not be left on equipment or surfaces to dry.

Decontamination Times – 3 to 30 minutes depending on the solution utilized.

## **PROCEDURE**

After each transport, the patient compartment shall be thoroughly cleansed and disinfected. Spray bottles of liquid disinfectant solution and disinfection wipes are to be on the vehicle at all times and disinfection will occur prior to the rescue company returning to available status for further dispatch.

Any reusable equipment should likewise be disinfected. The preferred method is soaking 15 – 30 minutes in approved solution, but where time does not permit, a thorough cleansing with disinfectant will be adequate.

Universal precautions should be utilized and are available for the protection of Peoria Fire Medical Department Transport Personnel during patient handling, clean up and decontamination.

Daily Process: (20 to 60 minutes available throughout)

1. Mix cleaning solutions (if needed)
2. Utilize universal precautions
3. Ensure all equipment is accounted for and daily truck check is completed
4. Wipe down all surface that patients/personnel may come in contact with
5. Do Not spray cleaners directly onto surfaces other than the floor

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Standard Process: (5 to 30 minutes available once completed)

1. Complete the call
2. Utilize universal precautions
3. Eliminate all trash from call
4. Remove visible soiling (Gross Decon)
5. Apply new universal precautions
6. Wipe down all equipment utilizing approved cleaners and disposable cloths
7. Allow surface to stay wet during dwell time
8. Reapply cleaner if necessary
9. Place all soiled cleaning cloths and PPE into trash
10. Restock and prepare equipment
11. Wash hands
12. Should be able to be performed in the ambulance bay of the transportation destination (hospital)

Advanced Process: (30 to 60 minutes unavailable until completed)

1. Follow steps for standard process
2. Spray contaminated areas and allow to soak from 15 – 30 minutes
3. Contact On-duty Battalion Chief to notify of extended availability times
4. Return to designated station apron
5. Utilize universal precautions
6. Utilize additional cleaners if needed and allow to soak further
7. Spray out cleaners with approved soapy water solution
8. Allow time to dry or utilize disposable towels to soak up remaining water
9. Wash hands and decontaminate one's self as necessary utilizing hot water shower
10. Return to service

Professional Process: (will need to switch-out apparatus)

1. Follow steps for standard process
2. Contact on-duty Battalion Chief to notify of rig swap
3. Notify EMS Division to contact appropriate contract company
4. Confirm with Battalion Chief which apparatus you will be switching into
5. Return to designated location for apparatus swap out
6. Secure apparatus and check-off new apparatus in accordance with daily process
7. Contact alarm room and change update MCT unit designations

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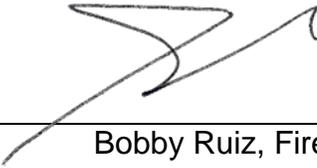
8. Send follow-up email to Battalion Chief, Support Services and EMS Division
9. Wash hands and decontaminate one's self as necessary utilizing hot water shower
10. Return to service

Special notes:

- All waste, including PPE, gurney sheets, and wipes, should be considered Category "A" infectious substance, and should be packaged appropriately for disposal.
- If the gurney mattress becomes soaked with contaminants, place into biohazard disposable bins and contact EMS Division for replacement (this should not happen often because they are designed to be impermeable)
- Do not throw away reusable items, you must decontaminate them at the station, however if you need a replacement during this down time contact the EMS Division
- If any gear is lost, stolen, or damaged please fill out an LSDR and follow the procedures in SOP 500.05

**Responsibility**

It is the responsibility of each assigned member to properly check, clean and decontaminate each piece of rescue apparatus on a daily and by call basis. Ultimately, the station captain is responsible for assigned members of apparatus at their station.

Approved:  \_\_\_\_\_

Bobby Ruiz, Fire Chief

05/11/2020  
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Date