



# Polk City Fire Department Standard Operating Guidelines

413a

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## #413 - Ambulance Decontamination

Date Issued: 12/09/2017

Date Last Revised: 12/09/2017

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### Purpose and Scope:

Identify the proper use of the Turbo-UV Surface and Air Sanitizer during the process of decontaminating and sanitization the ambulance.

### Guidelines:

The Turbo-UV Sanitizer shall be used on a regular basis to sanitize the patient transport compartment area of the ambulance.

On a regular rotation, the second out ambulance shall be decontaminated on the 1<sup>st</sup> of each month, while the first out ambulance will be sanitized on the 15<sup>th</sup> of each month. This rotation will allow the prior months ambulance, which becomes second out to be sanitized of any bacteria and / or viruses immediately following that units possible exposures during its prior month's use.

If an ambulance is thought to have been exposed to a significant event of possible bacteria and / or virus, that unit can be sanitized as needed also.

### Procedure:

#### Needs Assessment

If a significant event is thought to have occurred that exposed the patient compartment of the ambulance to the below listed bacteria and / or virus, then the compartment should be decontaminated and sanitized.

Exposure to the following bacteria and viruses should prompt staff to utilize the Turbo –UV Sanitizer to deactivate the suspected bacteria and viruses upon return to the station.

- 1) Influenza A
- 2) Herpes Simplex
- 3) Norovirus
- 4) HIV Retrovirus
- 5) Infectious Hepatitis
- 6) Infectious Bacteria
- 7) Methicillin-resistant Staphylococcus aureus (MRSA)
- 8) Vancomycin –resistant enterococcus (VRE)
- 9) Klebsiella pneumoniae (CRKP)
- 10) Escherichia coli (E. coli)
- 11) Clostridium difficile spores (C. diff)
- 12) Tuberculosis (MTB)
- 13) Acinetobacter baumannii (MDRAB)
- 14) Pseudomonas aeruginosa



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#### Decontamination

After each run, the stretcher shall be wiped down on all surfaces with a towel that has been moistened with a disinfectant or use commercially produced sanitizing wipes prior to placement back into the patient transport compartment. All monitor cables, wires, cuffs, tubing and pulse ox probes should be wiped down with the disinfectant moistened towel or sanitizing wipes also.

If a suspected significant exposure to the above bacteria and viruses has occurred, the patient transport module shall be decontaminated at the receiving hospital's garage prior that units return to the city for service.

- This process of decontamination shall involve wiping all surfaces with a disinfectant moistened towel or sanitizing wipe. Do not spray the disinfectant directly onto the surface and left to dry completely.
- Clean off handles, rails, straps and any other surface present with the moistened towel or wipes.
- Clean Plexiglas surfaces with a glass cleaner.

#### Sanitization

This shall be performed on a monthly basis or as needed after a significant exposure to above mentioned bacteria and viruses.

The Turbo-UV Sanitizer will be stored in the EMS Supply Room. Please handle with care, as the UV light bulbs are fragile and susceptible to breakage is handled roughly.

#### Operating Instructions

- Donn the UV Safety Glasses. This is for your protection in the event of looking directly into the light during its use.
- Place the unit in the middle of the compartment, possible anchored on the center of the stretcher.
- Plug the unit in.
- Use the remote to power activate the unit. You will see the RED and all of the GREEN lights on the unit will flash.
  - Decide the length of time needed, it is recommended that 60 min be selected. Press the button that corresponds with that time. The RED power and only the GREEN light next to the time selected will then flash.
- Press the Power button again and the two lights will become steady. You now have 30 sec to exit the unit and close the doors. After the 30 sec, the unit will illuminate and stay illuminated until the set time expires or the power button is pushed again to cancel the time duration.
- Upon completion of the sanitization event, unplug the unit and properly place the cover back over the unit and return to the storage area in the EMS Storage Room.

**\*\* DANGER\*\*** The Ultraviolet Source is an Eye and Skin Hazard.

You should not enter the unit while the sanitization event is occurring.