



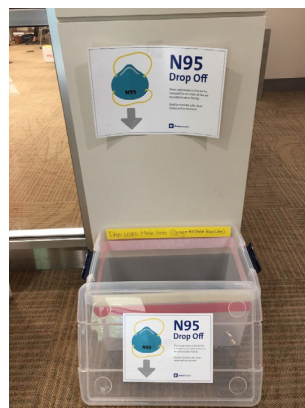
Instructions for Healthcare Personnel: Preparation of Compatible N95 Respirators for Decontamination by Duke Health Using the Duke Decontamination System with Hydrogen Peroxide Vapor

The U.S. Food and Drug Administration has issued an Emergency Use Authorization (EUA) for the emergency use of the Duke Decontamination System with Hydrogen Peroxide Vapor (“Duke Decontamination System”), operated by Duke University Health System (“Duke Health”), for use in decontaminating compatible N95 and N95-equivalent respirators (“compatible N95 respirators”) for reuse by healthcare personnel. Healthcare personnel should follow these instructions, as well as procedures at their healthcare facility, to prepare compatible N95 respirators for decontamination by Duke Health using the Duke Decontamination System.

- **Due to incompatibility, the Duke Decontamination System is not authorized for use with respirators containing cellulose-based materials.**
- **All compatible N95 respirators must be free of visible damage and soil/contamination (e.g., blood, dried sputum, bodily fluids, makeup).**
- **Compatible N95 respirators that are visually soiled or damaged should not be collected for decontamination and will be discarded.**
- **Compatible N95 respirators may be decontaminated up to 10 times.**
- **Any compatible N95 respirator with illegible markings to indicate the number of decontamination cycles completed should be discarded.**
- **Decontaminated, compatible N95 respirators are not sterile.**

Compatible N95 Respirator Collection:

1. Remove the compatible N95 respirator using the appropriate procedure in [N95 Respirators and Face Shields: Instructions for Extended Use and Reuse](#).
2. **Discard the mask if it has been decontaminated and used 10 times.**
3. Place your compatible N95 respirator into the collection bin (pictured below) located in your patient care location.



If the bin is full or overflowing, please dial 1-919-384-1600, Option #4.

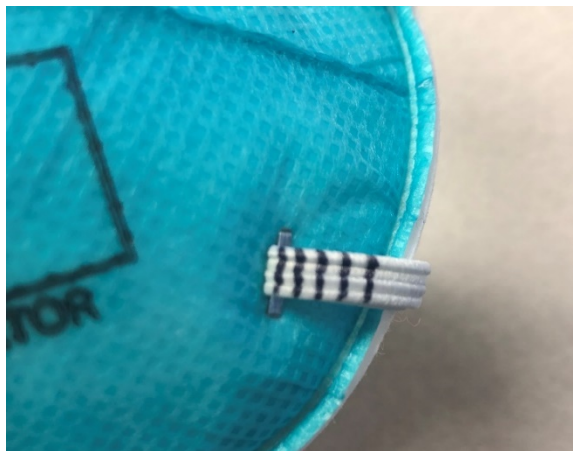
Receiving Decontaminated Compatible N95 Respirators:

The decontaminated compatible N95 respirators will be redistributed to the patient care units in clear, clam-shell boxes that are labeled Clean.



After receiving your decontaminated, compatible N95 respirator, please check the following:

1. Ensure there is no visible soil or damage.
2. Ensure that the number of tick marks on any decontaminated, compatible N95 respirator (shown below) indicating number of decontamination cycles performed is **10 or less**.
3. Perform the seal check to ensure an appropriate fit.



If at any time there is visible soil or damage or the elastic strap marks are not legible, discard the respirator. **Discard the respirator after 10 decontamination cycles.**

Don the decontaminated, compatible N95 respirator using the appropriate procedure as stated in [N95 Respirators and Face Shields: Instructions for Extended Use and Reuse](#).

Any problems should be immediately reported to Duke Health.

Contact the Occupational and Environmental Safety Office: 919-684-2794