

# COVID-19 CRITICAL CARE: WHAT PROVIDERS NEED TO KNOW MAY 22, 2020 UPDATE

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





# COVID-19 Keeping Up With A Moving Target

Now, Twice Every Week @ [COVID19.DKBmed.com](https://COVID19.DKBmed.com)

Every Wednesday Evening

**C****VID-19**  
KEEPING UP WITH A MOVING TARGET

  
**Dr. Paul Auwaerter**  
Clinical Director  
Division of Infectious Disease  
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Every Friday Morning

**C****VID-19**  
KEEPING UP WITH A MOVING TARGET

  
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Jointly provided by The Postgraduate Institute for Medicine, DKBmed, LLC. and the Institute for Johns Hopkins Nursing



# CME Information

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# CME Information

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# Learning Objectives

- State three effective methods for re-processing & decontaminating N95 respirators.
- List two N95 performance measures that may be affected by decontamination methods.
- Describe the proper doffing method for N95 respirator.

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# Thank You

This program is brought to you through the generous support of DKBmed, Postgraduate Institute for Medicine, and the Institute for Johns Hopkins Nursing.

Please see **COVID19.DKBmed.com** for additional resources and educational activities





# Agenda

- Reprocessing N95 respirators
- Doffing & Reuse methods for N95







“While disposable filtering facepiece respirators (FFRs), like N95s, are not approved for routine decontamination as conventional standards of care, FFR decontamination and reuse may be needed during times of shortage to ensure continued availability.”

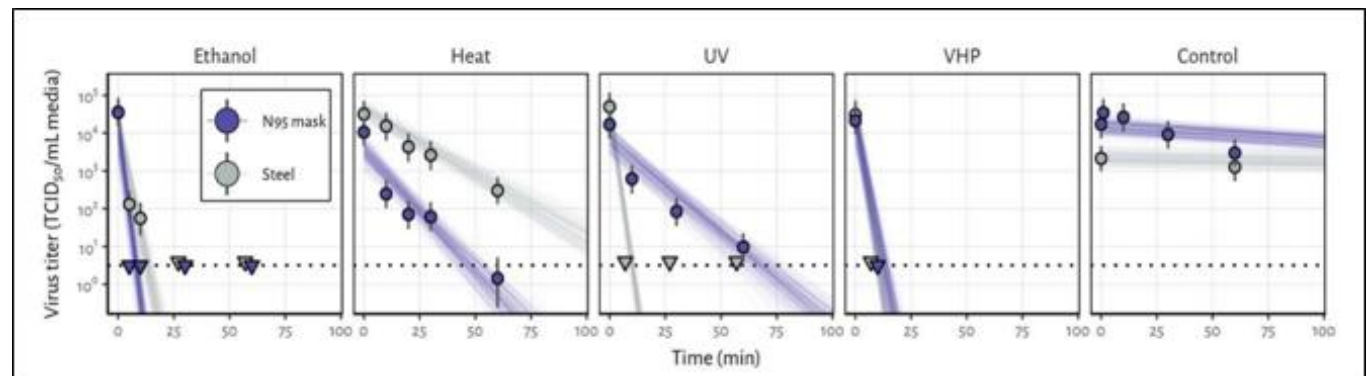
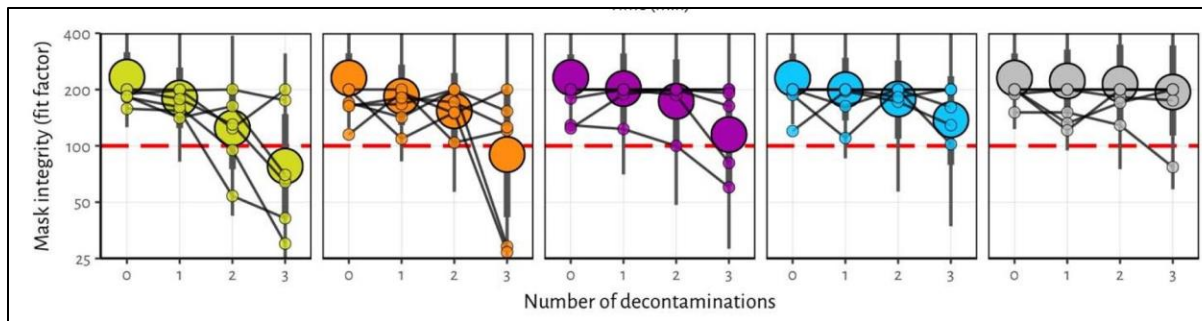
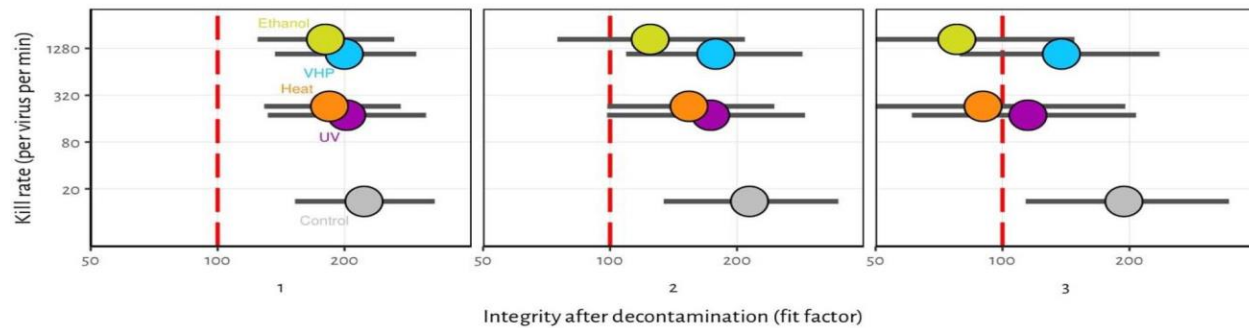


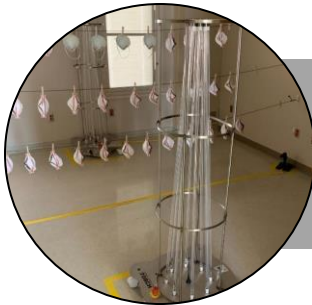
# Effective Decontamination

- Reduce pathogen burden
- Maintain the function of the Filtering Facepiece Reservoir
- Leave no residual chemical hazard



# What Works?

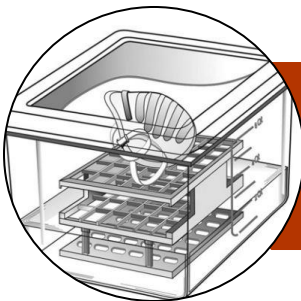




UV Germicidal Irradiation



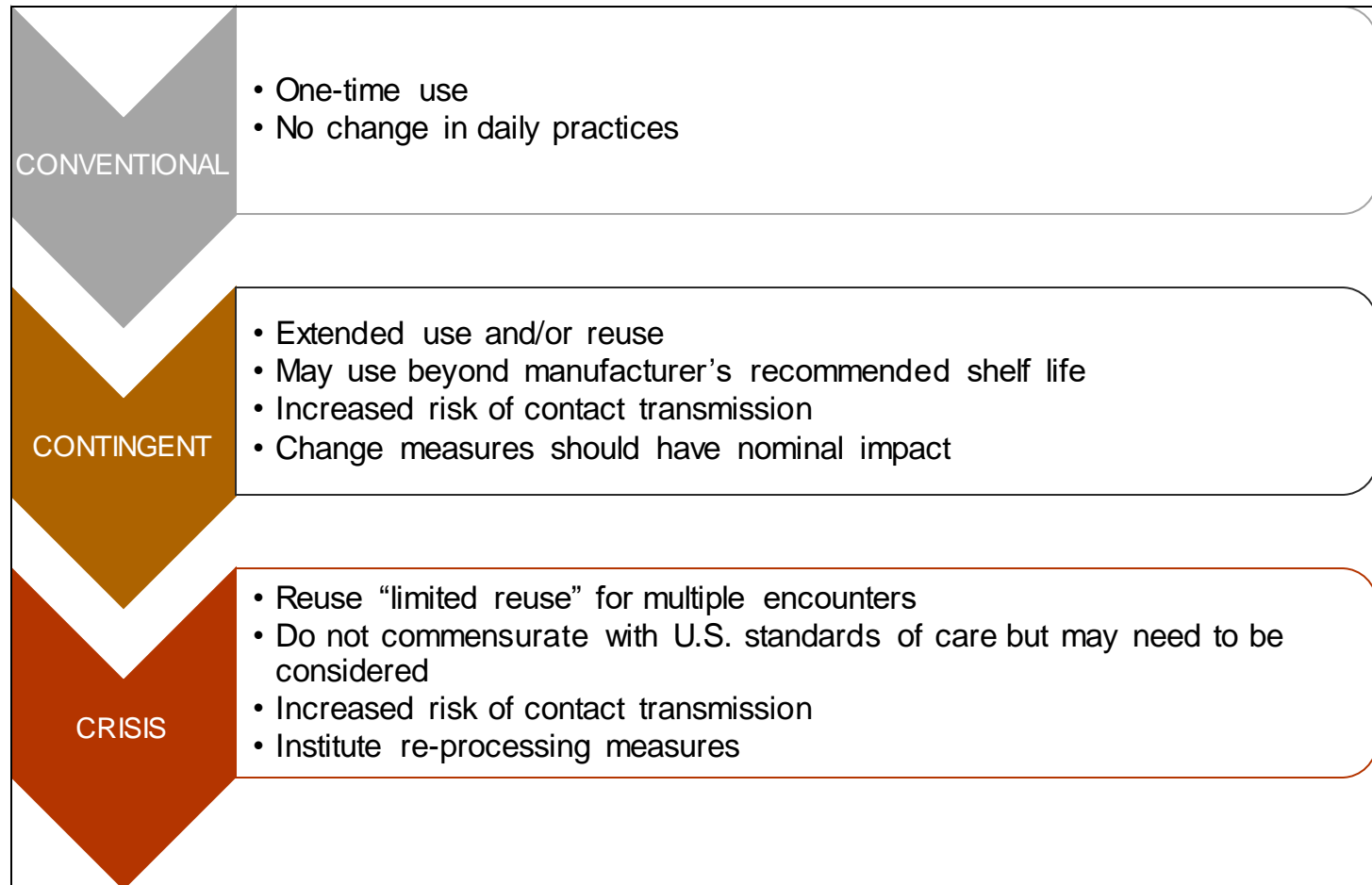
Vaporized Hydrogen Peroxide (VHP)



Warm Moist Heat (WMH)



# CDC





# Doffing

1



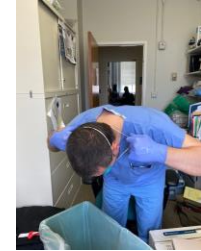
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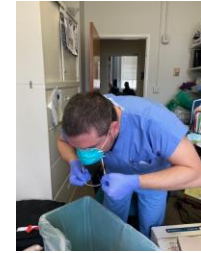
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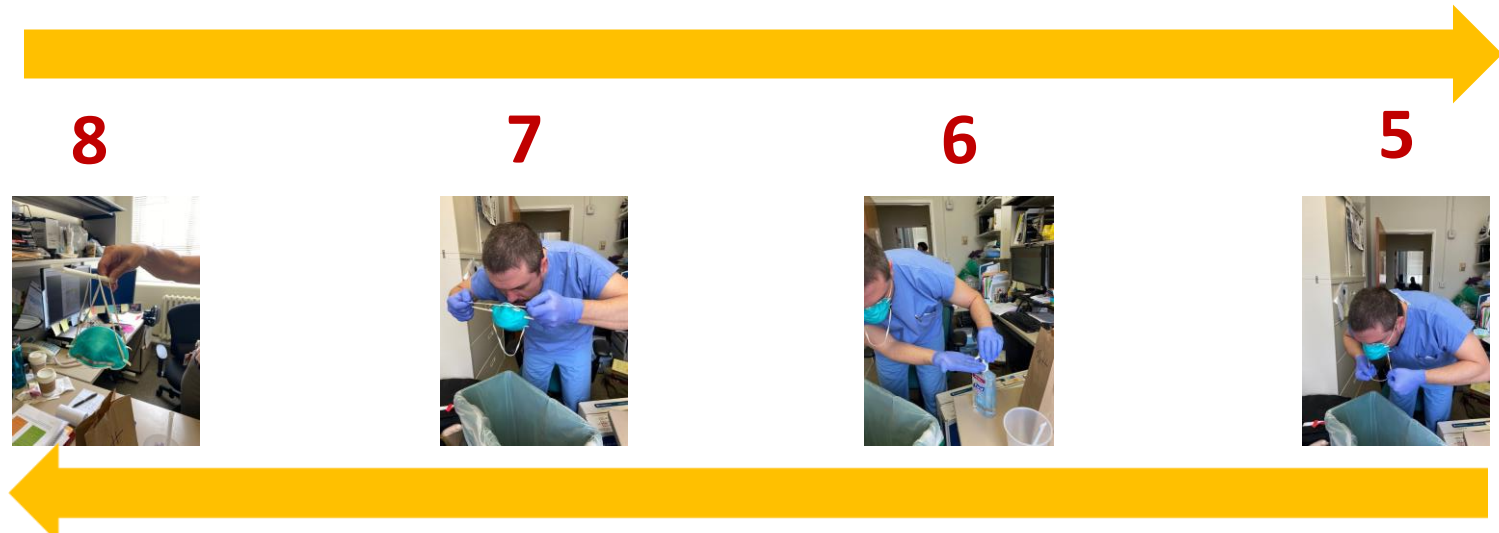
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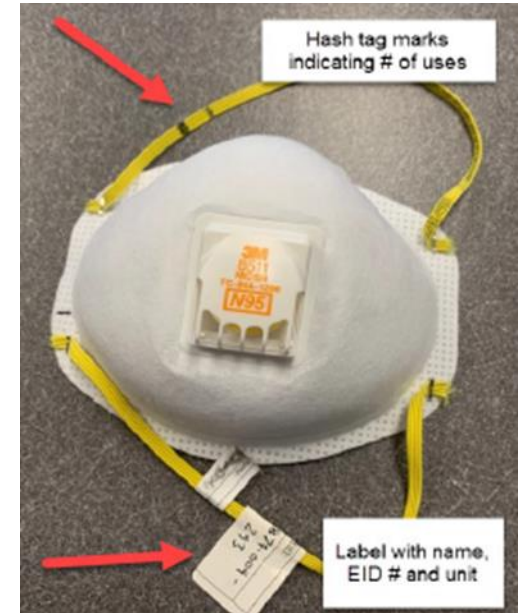




# Labeling



VHP



UV



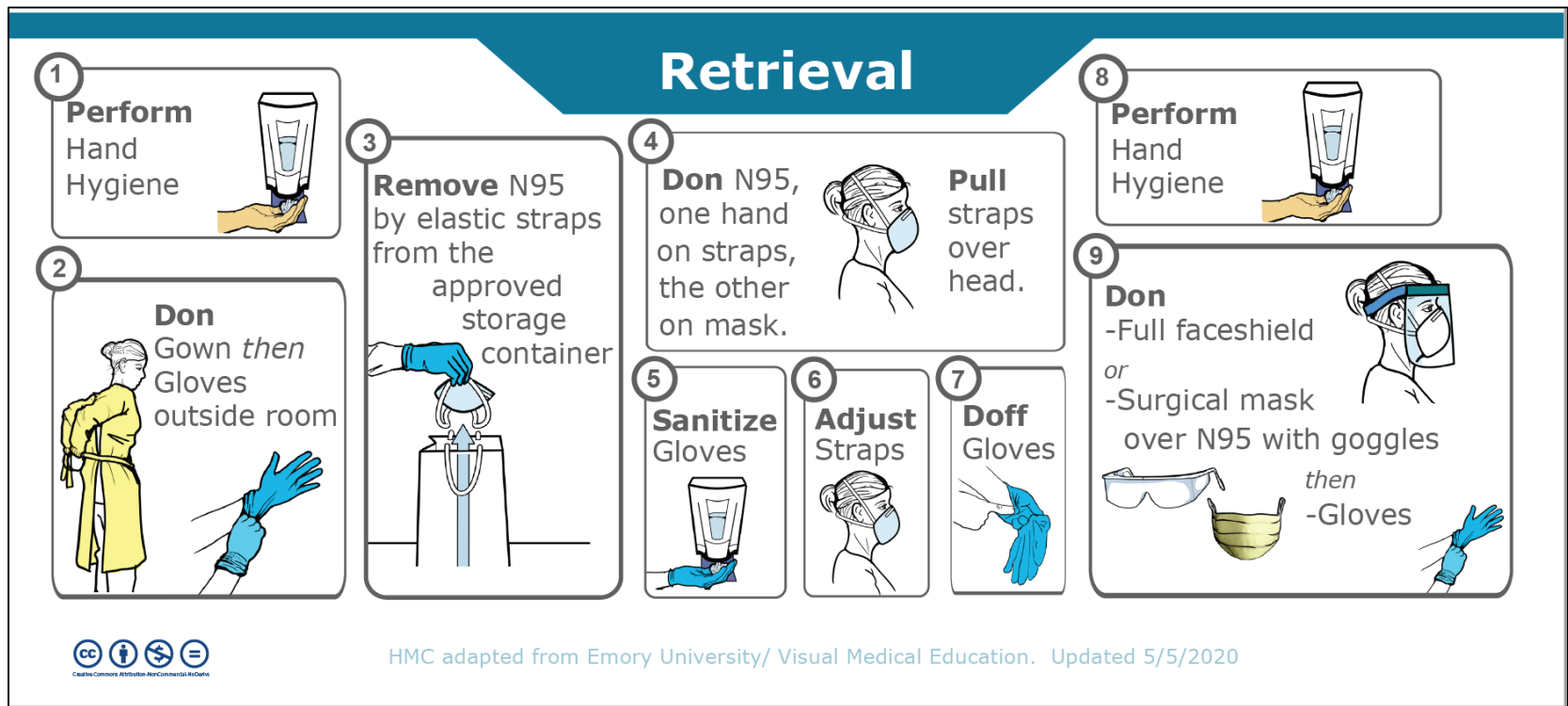


# Storage





# Retrieval & Donning



# Before Reuse



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Hand hygiene before and after touching or adjusting FFR

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Avoid touching inside of FFR

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Use clean gloves when donning

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Visually inspect for integrity and components intact

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Perform user seal check immediately after donning

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If integrity is compromised or user seal check cannot be performed.....DO NOT USE FFR.

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# RESOURCES

- Centers for Disease Control and Prevention (CDC). Decontamination and re-use of filtering face piece respirators. Summary of updates as of April 29, 2020 <https://www.cdc.gov/coronavirus/2019-ncov/hcp/ppe-strategy/decontamination-reuse-respirators.html>
- Fischer RJ, et al. Assessment of N95 respirator decontamination and re-use for SARS CoV-2. <https://www.medrxiv.org/content/10.1101/2020.04.11.20062018v2.full.pdf+html>



# RESOURCES

- CDC. Recommended guidance for extended use and limited reuse of N95 filtering facepiece respirators in healthcare. March 27, 2020  
<https://www.cdc.gov/niosh/topics/hcwcontrols/recommendedguidanceextuse.html>
- ASPLI. HSE: Using disposable respirators correctly. March 30, 2020. <https://www.aspli.com/blog/hse-using-disposable-respirators-correctly/>



To submit your own question, please email  
[QA@dkbmed.com](mailto:QA@dkbmed.com)



**I manage staff who work in school clinics. When we do get back to school, what do you recommend for clinic staff to use for PPE?**





**What are some common errors made  
when donning or doffing?**



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