AHCJ Webcast
COVID-19: How to cover dwindling health resources and workforce burnout

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- Senior medical officer & head of intensive care/anesthesia department for Humanitarian Aid Project in post-apartheid South Africa during Nelson Mandela’s presidency
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Improving the safety, quality, and cost-effectiveness of care across all settings

- Patient Safety
- Evidence-based Medicine
- Technology Decision Support
50 Years of Safe and Effective Healthcare

SERVING TENS OF THOUSANDS OF MEMBERS GLOBALLY
Hospitals, Health Systems, Government Agencies, Payers, Insurers

INDEPENDENT TESTING & EVALUATION LAB
The only independent medical device testing and evaluation lab in North America and Asia Pacific

PATIENT SAFETY ORGANIZATION
Listed by the U.S. Department of Health & Human Services and now one of the largest in the U.S

EVIDENCE-BASED PRACTICE CENTER
Designated as an Evidence-Based Practice Center by the U.S. Agency for Healthcare Research & Quality

“The country’s most respected independent laboratory for testing medical products”
The New York Times
Evidence-based answers to COVID-19 questions

- PPE shortages
- UV-C & vaporized hydrogen peroxide disinfection of masks
- Safe ventilator use
- Medication safety & shortages
- SARS-CoV-19 antibody testing
- Infectious disease prevention

www.ecri.org/covid-19
Demystifying mask usage for frontline healthcare workers

Recommendations for conserving N95 supply

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<thead>
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<tbody>
<tr>
<td><strong>ONE</strong></td>
<td>Store all masks in a secure location</td>
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<tr>
<td><strong>TWO</strong></td>
<td>Minimize need for protection</td>
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<tr>
<td><strong>THREE</strong></td>
<td>Non-clinical NIOSH masks</td>
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<tr>
<td><strong>FOUR</strong></td>
<td>Extend use</td>
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<td><strong>FIVE</strong></td>
<td>Non-Traditional N95s equivalents from a trusted source</td>
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<tr>
<td><strong>SIX</strong></td>
<td>Reuse with decontamination</td>
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<tr>
<td><strong>SEVEN</strong></td>
<td>Reuse without decontamination</td>
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<td><strong>EIGHT</strong></td>
<td>LAST RESORT – Home-made masks with full face shield</td>
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<tr>
<td><strong>NINE</strong></td>
<td>DO NOT CONSIDER – Non-Traditional N95 equivalents not from a trusted source</td>
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<tr>
<td><strong>TEN</strong></td>
<td>DO NOT CONSIDER – Home-made respirators, including untested 3D printed</td>
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IMPORTANT
Recommendations will be updated as we learn more
Ventilator shortages: A device problem or a staffing problem?
Infusion pumps: The next wave of device shortages?
FREE PUBLIC SITE

COVID-19 RESOURCE CENTER

Coronavirus preparedness and pandemic response resources for clinical care, aging services, and supply chain.

www.ecri.org/covid-19

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