INFECTION CONTROL & COVID-19
LESSONS LEARNT FROM THE FRONTLINE

AHQA WEBINAR

Doctors Without Borders, Michigan July 2020
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https://www.doctorswithoutborders.org/
What We Will Cover in This Webinar:

• Introduction
• Global programs - main findings and lessons learned
• IPC Best Practices

Zoom Housekeeping:
• Questions can be submitted in the chat section and time will be saved at the end.
• If someone wants to speak, you can raise a hand and you will be called on.
Doctors Without Borders / Médecins Sans Frontières

MSF is an “association” of people who come from all over the world. We believe that everyone should have access to life-saving medical care no matter where they live – this is why we are “without borders”.

Added value on COVID-19 response:
*in person, on-the-ground, tailored IPC measures and stress management*
MSF Response to COVID-19

Long-term care facilities

- IPC Site Assessments + tailored recommendations
- Technical On-Site support and training
- Staff wellbeing & mental health workshops

Global MSF Operations

Countries with Doctors Without Borders (MSF) Nursing Homes Activities

- Dedicated nursing home programs
- Support and technical advice to nursing homes
Covid19 in Nursing-Homes - MSF - Needs Analysis

- Inadequate IPC: Mis-use & lack of PPE, inadequate cleaning & disinfection
  - Little outbreak preparedness: No plan, little IPC trainings
  - inadequate isolation of Covid19 patients: Set up &/or timing
  - Increased number of Covid19 cases
  - Increased workload: Infected staff, changed tasks for isolated non-autonomous residents, guilt, fear
  - Protection of 2nd line: Decreasing H admissions
  - Reduction of access to NH: By GP, by family members & volunteers
  - Decreased quality of care: Less time for basic needs, isolation, increased risk of slipping syndrome

Excess mortality
Dr. Buffy “the COVID Slayer” working with Doctors Without Borders

United States of America

MSF helping to curb COVID-19 in nursing homes in US
IPC Facility-Wide Assessment
COVID-19


In Google Search: “Long term Care COVID ICAR”
CMS Survey Resources

https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/GuidanceforLawsAndRegulations/Nursing-Homes

In Google Search: “Long term Care Survey Resources”
COVID Cohortting

- COVID Positive
- PUI
- Admissions/Readmissions/Medical Appointments
- Residents refusing testing
Hand Hygiene

• Hand sanitizer is the preferred method for washing hands in most situations

• Consider having hand sanitizer outside of every resident room
Hand Hygiene: Implementation

https://www.cdc.gov/features/handhygiene/index.html
# Hand Hygiene Audit Tool

## Hand Hygiene and Contact Precautions Observations

<table>
<thead>
<tr>
<th>Staff type*</th>
<th>Type of opportunity</th>
<th>HH performed?</th>
<th>Gown or glove indicated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Room entry</td>
<td>Alcohol-rub</td>
<td>Gown only</td>
</tr>
<tr>
<td></td>
<td>Room exit</td>
<td>Hand Wash</td>
<td>Glove only</td>
</tr>
<tr>
<td></td>
<td>Before resident contact</td>
<td>No HH done</td>
<td>Both</td>
</tr>
<tr>
<td></td>
<td>After resident contact</td>
<td></td>
<td>No</td>
</tr>
</tbody>
</table>

*Other: Click here to enter text.

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https://www.cdc.gov/infectioncontrol/pdf/icar/ltcf.pdf
COVID Signage

**SPECIAL DROPLET/CONTACT PRECAUTIONS**

In addition to Standard Precautions

Everyone Must:
- Clean hands when entering and leaving room
- Wear mask: Fit-tested N95 or higher recommended when doing aerosolizing procedures
- Wear eye protection (face shield or goggles)
- Gown and glove at door

Keep Door Closed

Use patient dedicated or disposable equipment. Clean and disinfect shared equipment.

**EVERYONE MUST:**

- Clean their hands, including before entering and when leaving the room.
- Wear a gown before room entry. Wear gown before room exit.
- Wear a mask before room entry. Wear mask before room exit.
- Do not leave the room and gloves for the use of any tobacco product.
- Do not discard or dispose of waste in the designated area.
- Avoid touching any equipment before putting on gloves.

**SPECIAL PRECAUTIONS**

Visitors: Check in at Nurse’s Station for instructions.

 al tested is required for aerosol-generating procedures and respiratory specimen collection. Remove before leaving as closed.
Transmission-Based Precautions

- PPE, including gowns and gloves, should be available immediately outside of resident room
- Plan for restocking
- Position a trash can inside resident room and near exit for discarding PPE
Environmental Services

- Appropriate PPE
- Contaminating the environment
- IPC training
- Cleaning and disinfectant products
- Supplies (hand towels, hand sanitizer)
Train the Trainer: PPE in EVS
Supplies

Cleaning, disinfection, and storing equipment and supplies is vital to preventing the spread of infections!!

Cleaning vs Disinfection

- Cleaning is the physical removal of dirt, body fluids, and other organic matter
- Disinfection destroys potential pathogens on a surface
- What is your “kill time”? 
EVS implementation

Cleaning Rooms

Order matters: Clean to Dirty, High to Low, in a clockwise or counterclockwise manner

Empty the Trash  Horizontal Surfaces  Vertical Surfaces  Sweep Floor  Mop Floor
Restrooms

- Stock Supplies
- Empty Trash
- Sink and Tub (Horizontal)
- Vertical Surfaces (Walls)
- Clean Toilet
- Sweep Floor
- Mop Floor
Cleaning and Disinfecting Products
List N: Disinfectants for Use Against SARS-CoV-2 (COVID-19)

All products on this list meet EPA's criteria for use against SARS-CoV-2, the virus that causes COVID-19.

Finding a Product
To find a product, enter the first two sets of its EPA registration number into the search bar below. You can find this number by looking for the EPA Reg. No. on the product label.

For example, if EPA Reg. No. 12345-12 is on List N, you can buy EPA...
Cleaning Checklists

Environmental Services Checklist for Daily Cleaning of Resident Room

<table>
<thead>
<tr>
<th>Cleaning Task</th>
<th>Cleaned</th>
<th>Not cleaned</th>
<th>Not present in room</th>
</tr>
</thead>
<tbody>
<tr>
<td>High dusting performed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Use high duster/mop head, wipe ledges (shoulder high and above)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vents</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lights (do not high dust over the resident)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dust TV: rotate and dust screen and wires</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Damp dust: Cloths and spray bottle of disinfectant for damp wipe</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ledges (shoulder high)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Door handles</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Room furniture (bureaus, chairs)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

[cdc.gov link provided]
Linen Management

- Linen must be processed in a way that not only kills germs but also does not spread germs from dirty to clean linens (hot water).
- Cart covers should be inspected for any contamination with dirt or debris and removed or replaced as needed (how often are they cleaned)?

https://www.infectioncontroltoday.com/personal-protective-equipment/infection-control-today-032002-follow-standard-precautions-
Food Services

- Dietary/food staff can be a source for ongoing transmission of illness from contaminated food
- Masks to be worn by all food service workers covering mouth and nose at all times
- Remind staff not to touch the front of the mask while temporarily removing the mask, preparing food, washing dishes or other activity
- If the mask is soiled, damaged or persons are having trouble breathing throw it away in a closed trash can and replace it with a new mask
- Exclude ill dietary staff from work for 72 hours after diarrhea/vomiting have stopped
- Clean and sanitize all kitchen and dining area surfaces with an EPA approved product

https://www.health.state.mn.us/diseases/foodborne/outbreak/facility/ltcfnorotoolkit.pdf
Health Education

- Weekly Testing for HCW
- Testing as indicated for residents
- Education to staff
- Persistent positive
Additional Long-term Care IPC Training

The Nursing Home Infection Prevention Training course is responsible for infection prevention and control (IPC) programs in nursing homes. The course was produced by CDC in collaboration with the CMS Medical Services (CMS). This search and nursing home training covers:

- Core activities of effective IPC programs.
- Recommended IPC practices to reduce:
  - Pathogen transmission
  - Healthcare-associated infections
  - Antibiotic resistance

The following links are APIC and external resources on long-term care for healthcare professionals.

Implementation guides and tools:
- Long-Term Care (LTC) — APIC membership section
- Infection Control: Focus on Long-Term Care
- Guide to the Elimination of Methicillin-Resistant Staphylococcus aureus (MRSA) in the Long-Term Care Facility (2013) — Implementation Guide
- Guide to Preventing Catheter-Associated Urinary Tract Infections — Implementation Guide
- Infection Preventionists’ Guide to Long-Term Care

Welcome! This course is available to healthcare providers. You will be taking the course, under their individual login, another person’s login. If you are not sure of your membership.

The new Infection Preventionist specialized training requirement for Long-Term Care Facilities, as well as equip assisted living facilities with specialized training for healthcare professionals who seek the new Infection Preventionist Specialized Training (IPCO) course, individuals is an infection prevention and control program at their skilled nursing facility. The new IPCO course is a web-based course, it includes online lectures, case studies and.
Questions???

Thank you

Please note this presentation is not meant to substitute individual medical advice