COVID-19 Simulation Training

Keeping Safe

Dr C Diaz-Navarro and Dr A Hadfield, 15th March 2020
Introduction and skills training
Welcome

Registration

Health and safety

Safe container

Faculty and delegates intro
Aims

By the end of these sessions, delegates will be able to:
1. Safely perform donning and doffing PPE according to HEE guidance
2. Keep safe when performing tasks and clinical duties such as
   a. Intubating
   b. Caring for critical patients
   c. During cardiac arrest
3. Build resilience and support others in emotionally challenging situations
COVID-19

We must get ready

➔ To look after patients safely
➔ To face challenging situations
➔ To support each other
COVID-19

We must get ready

➔ To look after patients safely
➔ To face challenging situations
➔ To support each other

Together we can do this!
Skills practice

1. Up to date PPE guidance
2. Hand washing
3. Donning video and practice
4. Practise a task wearing PPE:
   • disinfection of a contaminated surface
     1 tablet of actichlor in 1l of water, wash, dry, wash again with soapy water
5. Doffing video (whilst still wearing PPE)
6. Practise doffing
7. Discussion
The most recent guidance so far...
<table>
<thead>
<tr>
<th></th>
<th>Entry to cohort area (only if necessary) no patient contact*</th>
<th>General ward</th>
<th>High risk unit ICU/ITU/HDU</th>
<th>Aerosol generating procedures (any setting)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disposable Gloves</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Disposable Plastic Apron</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Disposable Gown</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Fluid-resistant (Type IIR) surgical mask (FRSM)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Filtering face piece (class 3) (FFP3) respirator</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Disposable Eye protection</td>
<td>No</td>
<td>Risk assessment</td>
<td>Risk assessment (always if wearing an FFP3)</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*Personal protective equipment (PPE) for close patient contact (within 1 metre) also applies to the collection of nasal or nasopharyngeal swabs.
For the purpose of this simulation training:
we are in areas where aerosol generating procedures are being carried out.
Your 5 Moments for Hand Hygiene

1. Before touching a patient
2. Before clean/aseptic procedure
3. After body fluid exposure risk
4. After touching a patient
5. After touching patient surroundings
Hand-washing Steps Using the WHO Technique
Now practise!
Putting on personal protective equipment (PPE)
Now practise!
Your task:

Disinfection of a contaminated surface

1. 1 tablet of actichlor in 1l of water, 
2. wash, 
3. Wait for it to dry, 
4. wash again with soapy water
Taking off PPE
Now practise!
Any questions?