

EMT Just In Time Training Modules, COVID-19

Module G: Techniques for Infection Prevention and Control (IPC)

LEARNING OUTCOMES

1. Outline the main considerations for decontamination of surfaces, linen and equipment in EMT work areas
2. Identify procedures for the rapid detection of infection amongst EMT staff
3. Apply effective hand hygiene practices in COVID treatment facilities or other clinical settings relevant to the EMT

MODULE OVERVIEW

	Topic	Method	Time
1	Introduction	Presentation	2 min
2	Recap of IPC essentials	Team quiz	25 min
3	Hand hygiene	Practical drill	15 min
4	Wrap up	Presentation	3 min

MODULE PURPOSE

This module builds on general IPC training that participants may have received previously, and outlines suggested activities that can help EMTs to develop and practice the application of IPC techniques specifically in COVID-rich clinical environments.

The target audience comprises all members of an EMT workforce that are present in treatment facilities or other clinical settings.

It is strongly recommended that participants complete the relevant Open WHO module – or review the equivalent core materials on IPC – prior to attendance at this session. EMTs interested in demonstrating Duty of Care for their team members can make this a mandatory requirement, and request a certificate or screenshot of attendance is sent in advance.

The module does not focus specifically on the use of personal protective equipment; rather, this is covered in a separate Just In Time training module.

MODULE LENGTH

45 mins

MATERIAL & EQUIPMENT

Paper and pens
Audio-visual equipment
Disposable gloves
Poster paint (coloured), or equivalent
Newspaper (or equivalent) to protect the floor from paint damage

SUPPORT DOCUMENTS

Trainers and participants are encouraged to complete the Open WHO learning module entitled “IPC for Novel Coronavirus” (especially Module #3):

- Available via free enrolment at <https://openwho.org/courses/COVID-19-IPC-EN/items/R6lz8D1kHocpj8TUIEM8r>

For those unable to access the Open WHO platform, the key documents are made available in the electronic folder entitled “Supporting Resource Materials.”

Further technical guidance is accessible online at:

- <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance/infection-prevention-and-control>

MODULE ACTIVITIES

Topic	Method	Notes for delivery
Introduction (2 mins)	Presentation	Slides 1 – 2. Introduce the session and objectives
Recap of IPC Essentials (25 mins)	Team quiz	<p>Slide 3. Explain the rules for the team quiz, as follows.</p> <ul style="list-style-type: none"> • Assign participants into evenly sized teams (ensure a mix of clinical and non-clinical staff in each). • Provide each team with a pen and paper to record answers. • The questions are delivered centrally via PowerPoint slides (or equivalent). Each slide should be displayed for a timed period. • Each team must aim to answer every question. Discuss as a team and try to involve all team members in formulating your answers. • The quiz is complete after all questions are covered. • Marks will be awarded at the trainer’s discretion! <p>Note: it is strongly recommended for the trainer to review all quiz questions and adapt these, where appropriate, to the national/local context where the EMT is operating.</p> <p>Slides 4 – 18. Trainer then presents each question in turn and teams write their answers. The learning value of this activity is in allowing teams to discuss and brainstorm, so sufficient time must be allowed on each question.</p> <p>Slide 19. To debrief the activity:</p> <ul style="list-style-type: none"> • Ask teams to pass their answer sheet to the team positioned next to them (clockwise). • The trainer then works through each of the questions again, except now the answers are visible on screen (show slides 20 - 34) • Slide 35. The answer sheets are marked and the trainer should address any incorrect answers or further questions from the teams, using the expert knowledge from within the group to clarify best practices. Again, this is where the learning value is achieved – the trainer should set aside sufficient time to discuss the most difficult questions. • Identify the team with the most correct answers (and award a prize, if appropriate. It is stressed that this is not a formal competition, rather a fun way to ensure collective attention is placed on important IPC issues). • Trainer to summarise the key points and refer to wider reference materials for those who would benefit from further information on IPC.

<p>Hand hygiene (15 mins)</p>	<p>Practical drill</p>	<p>Slide 36. The following activity is based on materials from the "<i>Training in Environmental Hygiene and Cleaning in Healthcare (TEACH-CLEAN) Package</i>", URL: www.soapboxcollaborative.org ©The Soapbox Collaborative 2018. All rights reserved."</p> <ul style="list-style-type: none"> • Split participants into pairs and ask them to roll up their sleeves, then don disposable gloves • Ask one participant from each pair to close their eyes while their partner puts about 5ml of poster paint (or similar substance) onto their gloved hands • With their eyes closed, ask participants to perform their usual hand hygiene technique • Ask participants to open their eyes and stop 'cleaning their hands' after 15-20 seconds • Ask participants to examine their hands and point to the parts of the gloves without paint and describe the areas (usually between the thumb and index finger, between fingers, under nails, or the back of hands). • Trainer should circulate the room, demonstrating the correct hand hygiene technique where necessary, and answering any specific questions. • Repeat the process for the other member of each participant pair. Allow participants to repeat the 'hand hygiene' with their eyes open and compare the results. • Finally, ask participants to remove their gloves over the waste container and dispose of gloves
<p>Wrap up (3 mins)</p>	<p>Presentation</p>	<p>Slide 37. Conclude and wrap-up the session.</p>