

# INFECTION CONTROL

## INSIGHTS FOR ADC PRACTICAL EXAMS

Infection control is marked down beginning from your attire to your actions.

### 1. Clothing and attire



**Clothes** - Bare below hands clothing preferably. They do give a surgical gown to wear on top of your clothing for both clinical skills and technical skills day.

**Shoes** - Closed footwear to protect from injury or contact with sharp objects. Footwear should be non-slip and easy to clean in the event of spills and splashes.

### 2. Hand Hygiene

- Perform proper hand washing for at least 50 seconds with soap and water before and after patient contact.
- Use alcohol-based hand rub (ABHR) in between for at least 30-40 seconds.

#### Summary of Steps

Duration of entire procedure: 40-60 seconds



**Hand washing steps:**

<https://www.youtube.com/watch?v=lisgnbMfKvI>

### 3.PPE Protocol (In skilled OSCE rooms)

#### Recommended order:

- 1.Surgical gown (which you will be wearing in the orientation room provided by them).
- 2.Hand washing and drying hands: 50-60 seconds of hand washing steps.
- 3.Wearing a mask.
- 4.Use ABHR for 30 seconds (optional)
- 5.Wear your eyewear.
- 6.Use ABHR for 30-40 seconds.
- 7.Go to the clean benchtop, collect all the materials needed for the task. Place them all in the transfer tray. And place your transfer tray on the bracket table.
- 8.Use ABHR for 30-40 seconds.
- 9.Wear your gloves

### 4.PPE Protocol (In technical skills room)

#### **Surgical gown (which you will be wearing in the orientation room provided by them).**

- 1.You will have your eyewear or loupes - placing them in the last drawer of the provided trolley.
- 2.Hand washing and drying hands: 50-60 seconds of hand washing steps.
- 3.Wearing a mask.
- 4.Use ABHR for 30 seconds (optional)
- 5.Wear your eyewear/ loupes. (make sure to not have an impediment of any light wires while you are performing tasks, if wire is present, take clips with you to stabilise it).
- 6.Use ABHR for 30-40 seconds.
- 7.Go to the clean benchtop of the trolley, collect all the materials needed for the tasks from the 1st and 2nd drawer. Place them all on the top of the trolley.
- 8.Use ABHR for 30-40 seconds.
- 9.Wear your gloves

## 5. Protocol to follow while removing PPE

1. Remove gloves first
2. Hand washing by opening the tap handle with your elbow and drying hands: 50-60 seconds of hand washing steps.
3. Removing your eye wear.
4. Use ABHR for 30 seconds-40 seconds.
5. Take off your mask.
6. Hand washing by opening the tap handle with your elbow and drying hands: 50-60 seconds of hand washing steps.

## 6. Punctured glove is fail, so make sure to change it the moment you observe

## 7. Bracket Table/ trolley management

- **Make sure to have a good grip on things, to avoid any incidents on the day.**

There is a risk of things falling down from it, thus keeping all instruments arranged in an appropriate manner. Only arrange the material you want to use for that specific task. Avoid clutter and always keep the bur block closed when not in use. They will give you 2 plastic cups: One for amalgam related waste and one extra.

There will be one more yellow kidney tray to keep all the sharps: like your enamel hatchet, scalpel. And then you can add all wedges, tofflemire bands in those. Always keep sharp things inside this.

## 8. Defining zones

- **Contaminated zone: (You can touch gloves)**

Bracket table, light handle, consumables available for tasks, instruments, burs, top of your trolley on technical day, but the rest of the trolley drawers and the handles are clean. The dental chair and associated structures. For x-ray tasks - the monitor from where you shoot can also be touched with the gloves. Amalgamator.

- **Clean zone: (You cannot touch with gloves)**

Your loupes or eyewear, clean area trolley and the item over it on the skilled OSCE day, Fresh set of gloves, masks, handle of taps, handles of the door.



## 9. Leaving the area of work - either for skilled OSCE or for technical skills day

- Ensuring nothing is left other than the main tasks in the patient's mouth.
- Everything should be decluttered all the time, to avoid instrument dropping.
- Wiping the face of your pretend patient. Their face should not have marks of amalgam, use the paper towels given to you, for wiping down everything.
- Remove the burs from your handpieces, the moment you finish using it.
- Close the bur blocks at all times.
- Turn off the light, when polishing the temporary crown or while leaving the work space.
- Upright the chair.
- Remember to collect eyewear from the skilled OSCE room while leaving the room.
- Never leave the room with your PPE.

## 10. Preventing Eyewear Fogging

- Practice with eyewear, use antifog solution available on technical skills day, ensure proper mask adaptation (you can ask for a tape for proper adaptation).

## 11. Protocols to follow

### Water Spill Protocol:

- Deglove
- Hand washing protocol
- Ask the DA, what can you use to wipe. She might say, she will do it.
- Otherwise clean the area immediately.
- Hand washing protocols.
- Get back to wearing PPE and start the procedure.

### Dropped Instrument/ material Protocol:

#### *(Non-sharp material)*

- Call the examiner.
- They will ask what you will do.
- I will ask my DA to deglove and sanitise
- wear new gloves, pick up and take instruments for sterilisation and deglove.
- Wash hands
- Get new instruments, wear new gloves and we resume work.

### **Dropped Instrument/ material Protocol:**

#### **(Sharp material)**

- Call the examiner.
- They will ask what you will do in a clinical setting.
- I will deglove and sanitise
- Wear new gloves, pick up the material or instrument using tweezers or an artery forcep and take instruments for sterilisation or dispose off material in the sharps container and deglove.
- Washing hands routine.
- Get new instruments/ material if needed, wear new gloves and we resume work.

### **12. Video by AHPRA on infection control**

<https://www.youtube.com/watch?v=HDahK5Rffjo&t=35s>

(This video is by AHPRA, more for the patient's understanding. Not for dentists).

### **13. Suggestions at the end of the technical skills day:**

- Try wrapping up 10 minutes before the time ends.
- Placing all the instruments the way they were in the instrument cassette and closing the cassette lid.
- Amalgam scraps should be disposed off in the container for the amalgam waste.
- All your sharps should be disposed off in the container for the sharps waste.
- General waste should be disposed off in the plastic bag usually attached to your working chair.
- You will be given alcohol swabs. Use that to clean your working area, as well as gums over the jaws given. Clean the face of the manikin with the swab if there are any stubborn marks.
- Uprighting your patient, closing the light. If there is any water in your fletcher, that is not draining out, use suctions attached to the chair.
- All your tasks should be inside the jaws, here hinting at the temporary crown.
- Once all this is done, notify the DA or examiner. And then complete the protocol to take off your PPE.

#### 14. What to do in adverse events:

It includes situations beyond your control which are likely to affect your performance in the examination. For example, a chair malfunction or extended power outage. Inability to understand a task, personal illness or minor incidents are readily rectified, such as a loose tooth which is tightened, would not be considered an adverse incident. Special consideration for tasks as a result of personal illness during an examination cannot be permitted, including illness on day two of the examination after completing day one. If an event(s) occurs during an examination you believe is likely to affect your performance, it is your responsibility to notify an examiner immediately. The examiner, in consultation with the examination convenor, will assess the situation and will attempt to remedy any adverse incident at the time of its occurrence. You may be moved to another room or chair to allow your examination to continue with minimal delay. If warranted, the examiner or examination convenor may complete an Adverse incident form. The ADC will not be able to take into consideration any adverse incidents reported after the examination, as there is no opportunity to rectify or verify such incidents. Incidents reported by telephone or email following a practical examination will not be considered.

#### 15. Time extensions

If you experience a delay which relates to an adverse incident extending beyond 30 minutes of assessment time, you can apply to the examination convenor for a time extension. The examination has 30 minutes of additional time built in and delays, which do not extend beyond 30 minutes will not qualify for a time extension.