

Disinfection of the Operatory Post Aerosol Generating Dental Procedures – COVID 19

Preparation for Disinfecting Procedure:

1. Closed lid garbage, with foot activated lid
2. Canister of disinfectant wipes
3. Spray bottle with appropriate disinfectant
4. Enzymatic spray – to be sprayed on instruments in the operatory if required
5. Container that holds enough evacuation line solution to run the lines
6. Closed lid, puncture resistant container for instrument transport
7. Floor disinfectant

Prepare instruments for transfer to Steri-centre:

1. Assemble used instruments onto tray / into cassette
2. Inspect instruments for damage and remove any gross debris using moistened gauze or wipes
3. Enzymatic spray – to be sprayed on instruments in the operatory if required
4. Disassemble any sharps and place into sharps disposal container at point of care; sharps should not be transported from the operatory
5. Remove handpieces from motors
6. Remove burs from handpieces; place in bur block if to be reprocessed, or dispose into sharps container if single use
7. Place instruments and handpieces in the closed lid, puncture resistant container
8. Disinfect the external portion of the container with a disinfectant wipe
9. Close the lid and set aside to be removed from operatory upon exit

After the aerosol generating procedure (AGDP):

1. Leave the room to allow the aerosol to settle before beginning disinfecting procedure
 - a) See provincial guideline for settling time and post signage for aerosols
2. Before entering the room to disinfect, don the appropriate PPE as per provincial guidelines
 - a) gloves
 - b) mask
 - c) eye protection/face shield
3. Once you have entered the operatory, do not leave until disinfection has been completed.

The following protocol shall be observed for the cleaning of an after AGDP appointments.

1. Prepare your disinfecting and cleaning items to use in the operatory
 - a) e.g., suction line solution, container to transport instruments, floor disinfectant.
2. Perform hand hygiene and don appropriate PPE
3. Enter the operatory and close door, if any
4. Purge waterlines and handpieces that use water coolant for 20-30 seconds
5. Run handpiece motors for 20 seconds
6. Run water or cleaning solution through high volume and saliva ejector lines
 - a) Following a surgical procedure, clean lines with enzymatic cleaner

7. Remove all surface barriers by touching only the barrier and not the surface being covered and discard all barriers
8. Wipe all operatory surfaces with low-level disinfectant per manufacturer's instructions
 - a) Wipe fixtures on walls and high touch wall areas:
 - a. Light switches
 - b. X-ray units
 - b) Disinfect any plastic dividing walls or doors, especially areas that may be touched during the AGP
 - a. Move from high to low, cleanest to dirtiest
 - b. Ensure to use adequate amount of wipes / disinfectant to achieve required contact time. Ensure the wipes are saturated and leave a wet surface behind
 - c. Wipe anything used or touched during the procedure, including:
 - d. Patient chair and bases
 - e. Tray table and arm
 - f. Countertops, items on countertops, and underneath items on countertops
 - g. Light handles
 - h. Tubing
 - i. Motors

Preparing to leave the operatory:

1. Ensure all used wipes and or other cleaning supplies are discarded at point of use in the closed lid garbage
2. Remove garbage when 75% full and leave it by the door of the operatory to be removed
3. Disinfect then store disinfectant wipes and spray bottles in a closed cabinet
4. Remove gloves, disinfect hands and don clean gloves
5. Carry the closed lid container holding your instruments to the sterilization area
6. Discard garbage bag in designated area
7. Doff your PPE in the designated area in the appropriate order and ensure proper hand hygiene is followed

Floors:

Using a Swiffer Wetjet or mophead and an appropriate disinfecting solution, disinfect the floors according to provincial guidelines or when they are visibly contaminated.

1. Start at the back of the operatory and move your way to the door of the operatory. This will allow the solution to remain undisturbed by shoes etc.
2. Single-use, disposable mop heads and cloths should be used to avoid spreading contamination.
3. Reusable mop heads should be laundered daily. All washed mop heads must be dried thoroughly before storage.
4. Cleaning equipment shall be well maintained, clean and in good repair.