



### Decommissioning Of Dental Clinics

General rules for practices to consider, should they be closed:

- Ensure that all windows are closed
- Ensure that A/C is off and all compressors are also switched off
- Ensure that all clinical and sterilisation areas are cleaned as per the NZDC guidelines
- Ensure that all reusable dental instruments are cleaned and disinfected and stored away as per the NZDC guidelines
- Ensure that all bottle-fed treatment centres are drained of all water and left in a clean/ dry state.
- Ensure that all treatment centre water bottles are left inverted to dry fully
- Ensure that all treatment centres that are plumbed to town water, that the main tap supply at services is turned off and dental unit is drained of any water
- Ensure that all computers are locked and/ or switched off
- Ensure that all clinical surfaces are clutter free and cleaned/ disinfected
  
- Ensure that sterilisation / surgery equipment is switched off and any isolation switches are turned off

### Vacuum Systems

1. Deep clean thoroughly ensuring plenty of solution flows through every suction tube and cuspidor bowl
2. Clean or replace all in-line filters – do not soak in a solution
3. Empty or replace (as applicable) amalgam container

After cleaning procedure run suction system without water, and with suction tube valves open for approximately 5 to 10 minutes. This is to ensure the internal parts of the pump are thoroughly dried prior to hibernation. If this step is missed, there is a strong possibility of the pump seizing if not used for an extended period of time.

For the more DIY experienced, the main vacuum connection on the pump can be disconnected, and silicone sprayed into the inlet while the pump is running. This will coat the impeller and chamber, reducing the risk of seizure.

4. Remove filters, amalgam container etc to allow air circulation when not in use for the extended period
5. Disconnect from the mains power supply by either unplugging or turning off at the fused spur

It is recommended a team member visits the practice to activate the vacuum system for approx. 15 minutes. With fluid run from the spittoon to the dental vacuum system.

### Autoclaves

1. If required, download/archive all past cycling details in accordance with clinic established procedures or SOP
2. Disconnect autoclave from power supply completely – ensure the door is open
3. Remove rack and shelves from autoclave chamber
4. If water reservoir is connected to a RO system with automated filling please turn off supply at main valve
5. Connect waste hose to appropriate valve to empty the reservoir as per manufacturer's instructions
6. Drain water from both clean and wastewater tanks, wipe out thoroughly to ensure there is no nutrient load for biofilm to grow
7. Clean the SS mesh filters in the reservoirs where fitted
8. Carry out full user maintenance, eg Clean dust filter under machine, clean chamber filter, clean excess lube off male door spindle and re-lube with a pea-size of silicone grease, clean door seal and chamber face, download cycle records
9. Disinfect all autoclave surfaces and leave autoclave
10. Place a large plastic bag upside down over autoclave to prevent dust ingress (if available)

### Statim Autoclaves

1. Drain water reservoir and check the reservoir for dirt. Clean and rinse with steam process distilled water if necessary. Keep lid open to allow the reservoir to dry
2. Empty the waste bottle and separate lid and coil from container. Dry and keep separate
3. Wash waste container and dry
4. Wash the interior of the cassette with chlorine-free dishwashing detergent or soap
5. Rinse thoroughly with water to remove all traces of the detergent
6. Treat interior surfaces of the cassette with the STAT-DRIT™ Plus
7. Place a large plastic bag upside down over autoclave to prevent dust ingress (if available)

### Disinfectors

Disinfectors (all brands) are using various detergents, which when left for an extended period, will crystallise in pipes and general pumps if not removed appropriately. Before starting a possible decommissioning, please refer to manufacturer's operator manuals. The main objective will always to remove detergents and the following points are but a suggestion how to proceed.

1. If required, download/archive all past cycling details in accordance with clinic established procedures or SOP
2. Locate detergent bottles
3. As detergents may be caustic and very alkaline, ensure suitable PPE is secured before the next step
4. Remove detergents (safeguard they are appropriately recapped and stored in a safe location). Relocate suction devices in a third bucket with demineralised water
5. Run a normal cycle (empty chamber) during, which detergent lines will be filled with demineralised water – wait until cycle has concluded
6. Replenish water in the bucket if required and run another cycle
7. Run a dedicated rinse cycle
8. Following the final rinse cycle, gently remove suction devices from bucket, dry with paper towels and reposition in a suitable strong plastic bag and close with an elastic band or similar
9. Open disinfectant door and remove all trolleys and inserts
10. With a paper towel dry the inside of the chamber
11. Re-rinse trolleys and inserts followed by paper towel drying
12. Return trolley and inserts to disinfectant chamber and keep the door ajar to allow air circulation
13. Remove power cable/power off the unit
14. Disinfect all surfaces and leave unit in its original position

## Dental Chair / Treatment Centre

In line with daily/weekly practice infection control policy:

1. Clean, lubricate, and sterilise handpieces as applicable
2. Wipe down and flush/purge handpiece tubing as per NZDC guidelines
3. Flush/Purge vacuum lines with manufacturer approved solution
4. Ensure that all bottle-fed treatment centres are drained of all water and left in a clean/dry state
5. Ensure that all treatment centre water bottles are left inverted to dry fully
6. Ensure that all treatment centres that are plumbed to town water, that the main tap supply at service is turned off and dental unit is drained of any water
7. Flush cuspidor for one minute with manufacturer approved solution
8. Clean/disinfect touch and transfer surfaces following recommended solutions
9. Clean and lubricate o-rings and valves (where applicable) of suction handpiece valves, spittoon valves, amalgam separators & water bottles
10. Inspect and clean filters/solids collector of spittoon and vacuum tubing
11. Maintain oil collector – replace the filter/gauze as applicable
12. Switch off chair power to the chair including at the earth leakage protection

## Compressed Air System

1. Disconnect from the mains power supply by either unplugging or turning off at the fused spur
2. Drain any moisture from the compressor tank via the drain valve

It is recommended the compressor is drained of air. Which can be done either using the air drain valve on units equipment with this, or by turning the compressor off and running the dental units until the system runs low.

## Ultrasonic Baths

1. Disconnect ultrasonic bath from power supply completely
2. Empty bath of detergent as per usual procedures
3. Close outlet valve and add warm water with a preferred detergent
4. Gently clean/wash the bath and empty
5. Close the drain valve and add warm water to rinse the bath and empty once more
6. Keep drain valve open and thoroughly dry the bath with paper towel
7. All accessories like jars, small cassettes etc. should be cleaned separately using the same procedure and ensure everything is dry
8. Return accessories to bath, add lid and disinfect all surfaces (keep drain valve open) and position in a dry place

## Lab Equipment

Milling units make sure water is drained off, and milling chamber doors left open  
Printers make sure all resin has been removed from resin tanks and moved away from printers.  
All material removed from wash units and stored correctly.

### Cleaning Process

Use disposable cloths or paper roll or disposable mop heads, to clean and disinfect all hard surfaces or floor or chairs or door handles or reusable non-invasive care equipment or sanitary fittings in the room, following one of the 2 options below:

1. Use either a combined detergent disinfectant solution
2. Or a neutral purpose detergent followed by disinfection
3. Follow manufacturer's instructions for dilution, application and contact times for all detergents and disinfectants
4. Any cloths and mop heads used must be disposed of as single use items

YOU MAY WANT TO REGULARLY TEST ALL EQUIPMENT ITEMS IN YOUR PRACTICE, TO ENSURE FUNCTIONALLY AND TO PREVENT POSSIBLE 'SEIZING' OF ITEMS. IF THIS IS DONE, THE ABOVE PROCESS SHOULD BE UNDERTAKEN EACH TIME, ESPECIALLY IF WATER AND SOLUTION ARE RUN THROUGH THE TREATMENT CENTRE, DENTAL UNIT WATER LINES AND/OR VACUUM SYSTEM.

NOTE: THE SUGGESTED BROAD GUIDELINES ARE OF GENERAL NATURE. IF MORE SPECIFIC QUESTIONS ARE TO BE ANSWERED, PLEASE CONTACT YOUR USUAL SUPPLIER AND THEIR RESPECTIVE SPECIALISTS OR SERVICE SUPPORT.



For more info, please contact our service team on 0800 808 855