



HIBERNATION OF EQUIPMENT

CATTANI

The mothballing of equipment should be no different to the end of day disinfection procedure and shutdown for overnight/weekend or Christmas Holiday period.

SMART Suction Maintenance Videos can be found on our website: <https://cattani.com.au/videos/>

I have also attached a pdf manual with the instructions for daily disinfection.

The most important points:

- 1) Ensure the suction pipework is clear of fluid prior to disinfection.
This will ensure that the disinfectant solution is not diluted in the pipework.
- 2) Ensure the Pulijet disinfectant solution is mixed to the correct concentration.
30ml of Pulijet Gentle disinfectant to 2.5 litres of water (per chair).
- 3) Aspirate the solution using a pulsed action. Pulse cleaners perform this task automatically.
- 4) Leave all suction tips lifted after aspirating the disinfectant solution to ensure all fluids are processed to waste via the suction machine.
No fluid should be left in the lines. The residue left in the lines will disinfect the system overnight.

If all tips were lifted at all chairs for 5 minutes, the suction lines should be clear. If unsure, leave longer.

Suction and compressors needs to have mains power supplies isolated. This is commonly isolated with a switch or inside the fuse box of the surgery.

If leaving for a considerable amount of time I recommend removing the power plug from the socket to isolate from power.

This will ensure that the equipment cannot run while the clinic is closed (Very Important!).

Other than these simple steps, the equipment can be left idle in a dry and clean environment for long periods of time.

If the disinfection process has been performed properly, no bacteria will grow inside the unit.



[Extended equipment shutdown procedure](#)

[Suction Maintenance](#)

A-DEC EQUIPMENT

A-dec chairs - There are no special requirements, and they can be left in any position. However, it's best practice to leave them in the entry/exit position.

A-dec delivery systems – If they are not used for longer than a week, empty the water bottles and purge the system of water. You need to do this with all handpieces and syringes flush to purge the system until you no longer see water from any handpiece or syringe.

The emptied A-dec water bottle should be placed upside down on a paper towel to dry.

Once you are ready to begin using the systems again, perform a shock treatment to make sure the waterlines are cleaned and ready for use in accordance with local guidelines and resume daily use of A-dec ICX waterline treatment tablets.

In regards to performing a shock treatment when the equipment is ready for use again, I have attached the official manufacturers recommendation. "ADEC Bleach Protocol IFU"

- *Care should be taken to assure the bleach to water ratio is correct.*

Note: The attached protocol specifies household bleach with 5.25% sodium hypochlorite. The concentration of sodium hypochlorite in commercial bleach solutions available in different markets may vary. As long as the sodium hypochlorite is in the range of 5-8%, the protocol may be followed using 1/10 dilution. If the commercial bleach concentration is greater than 8%, the amount of bleach in the prepared solution should be reduced to achieve 0.5% to 0.8% in the mixed solution.

- *The solution only remains in the water lines for 10-30 minutes (best to target the lower end of this range).*



- *Solution is purged with air and flushed with water through all handpieces tubings and air/water syringes at the end of the treatment.*

Note: This last point is particularly important, otherwise the bleach solution could remain in one or more waterline for an extended period.

If strictly followed, this protocol will not cause damage to the dental unit.

There may be competitors offering other solutions for shock or maintenance treatment for our equipment however the above is the most current and correct manufacturer's recommendation for DUWL maintenance procedure on A-dec equipment.

As per attached guide A-dec recommends a 3- stage protocol, in Maintain, Monitor and Shock, for effective waterline care. See attached "Adec Waterline Maintenance Guide"

STERILISERS

LISA Sterilisers

Drain both the clean water and dirty water tanks. On Lisa FA, VA, Lina & Lara life the cover and clean out the both tanks. See attachment. Lisa VA-131 tank Cleaning.

If the steriliser has auto fill. Turn off water supply to filter unit and if the unit is an RO unit turn of the power to water unit.

If the filter unit is a W&H Multidem, after turning off the water supply, push the flush button onto of the filter unit to release the water pressure.

Make sure the door is open and turn off the steriliser and unplug it from the power point.

Melag Pro-Class Sterilisers (23B+, 24B+, 30B+ 31B+)

Empty water tanks.

If the steriliser has auto fill. Turn off water supply to filter unit and if the unit is an RO unit turn of the power to water unit.

Make sure the door is open and turn off the steriliser and unplug it from the power point.

Melag Premium Sterilisers (40B+, 41B+, 43B+, 44B+)



Empty water tanks.

Run a drain cycle to empty the water from the double chamber.

If the steriliser has auto fill. Turn off water supply to filter unit and if the unit is an RO unit turn of the power to water unit.

Make sure the door is open and turn off the steriliser and unplug it from the power point.

THERMAL DISINFECTION UNIT

Melatherm units.

Remove the lances from the chemicals and place them into a bucket of warm water.

Run an air removal cycle (venting cycle) This will clean the chemicals from the tubings and pumps to prevent hardening of pumps.

Switch off the power and unplug if possible.

Leave door slightly ajar.

Miele Thermal Disinfection units.

Remove the lances/ probes from the chemicals and place them into a bucket of warm water.

Run a venting cycle for each probe This will clean the chemicals from the tubings and pumps to prevent hardening of pumps.

Switch off the power and unplug if possible.

Leave door slightly ajar.