

OSAP Checklist: Dental Unit Waterlines

1. Dental unit manufacturer directions for use (DFU) for controlling quality of dental procedural water are available for review by office staff.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
2. Standard Operating Procedures (SOP) for maintaining, monitoring and documenting dental procedural water quality are included as part of the clinic's overall Infection Control Plan.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
3. Members of the dental team have received education and training on the management of dental water quality.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
4. Waterlines are flushed for twenty to thirty seconds at the beginning and end of day and between patients to remove patient material potentially retracted during treatment	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
5. Sterile solutions for coolant and irrigation are supplied by a sterile device for all surgical procedures	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
6. Dental unit water quality is monitored and documented regularly according to dental device, germicidal product or biofilm prevention device directions for use (DFU).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
7. Dental procedural water monitoring is performed to ensure water used for non-surgical dental treatment does not exceed 500 cfu/ml using water-testing laboratory services or in-office, chairside kits.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
8. When using a laboratory testing service, tests are performed using current standard methods for drinking water from Standard Methods for the Evaluation of Water and Wastewater published by the American Water Works Association (AWWA).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
9. Test laboratory instructions are used for aseptic collection, germicide neutralization and shipping/transport of samples.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
10. Samples are collected from individual lines or by combining samples from all water bearing lines on an individual dental unit.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
11. If in-office test kits are used, they correlate with AWWA Method 9215 or heterotrophic plate count (HPC) methods.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
12. Water samples for in-house testing are collected aseptically according to manufacturer's instructions and incubated as directed at room temperature for 5-7 days.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
13. Where indicated, residual germicide is neutralized according to test-kit manufacturer DFU	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
14. Manufacturer DFU for periodic monitoring, inspection maintenance of devices are followed by clinic staff.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
15. When no manufacturer DFU are available, monitoring and inspection should be performed according to DFU provided by the treatment product manufacturer.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
16. Periodic monitoring and inspection is performed at least monthly on each dental unit or device following installation of treatment devices or initiation of new protocols.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

17. When monitoring results indicate that water quality is acceptable for two consecutive monthly cycles, testing is not be less than every three months.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
18. When a dental unit exceeds the action limit for an initial or periodic test, the unit is treated according to manufacturer IFU, and re-tested immediately after treatment.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
17. Test failure promotes individual line testing and unit retesting after treatment	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
18. Source water is of known quality: potable, tested (distillers), or distilled/sterile	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
19. Documentation demonstrates record of water quality compliance	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
20. Handpiece and air-water syringe lines infrequently used are blocked to prevent dead internal legs.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
21. If municipal water is used as source water, faucet aerators are removed or cleaned regularly, and premise plumbing has been assessed for possible dead legs or other sources of contamination.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

Disclaimer: This is checklist is an example and is not comprehensive nor definitive.