|  |  |  |  |
| --- | --- | --- | --- |
| **Element for Assessment** | **Yes** | **No** | **Notes** |
| **Unit Use and Maintenance** |  |  |  |
| Dental unit instructions for use (IFU) are available |  |  |  |
| Protocol for water and air discharge after each patient use in place (such as “water and air are discharged for 30 seconds after each patient”) |  |  |  |
| The maintenance procedures that are directed for anti-retraction mechanism devices on dental units has been completed according to the IFU |  |  |  |
| **Water Quality** |  |  |  |
| For all non-surgical dental procedures, does the water in use meet the CDC recommendations (i.e., ≤500 CFU/mL of heterotrophic water bacteria) |  |  |  |
| Oral surgery procedures\* use sterile saline or sterile water as the irrigant for the surgical procedure and are delivered in a way that maintains sterility (Ex: bulb syringe, not through the dental unit)  \*Oral surgical procedures involve the incision, excision, or reflection of tissue that exposes the normally sterile areas of the oral cavity. Examples are biopsy, periodontal surgery, apical surgery, implant surgery, and surgical extractions of teeth (removal of erupted or nonerupted tooth requiring elevation of mucoperiosteal flap, removal of bone or section of tooth, and suturing if needed). |  |  |  |
| The quality of dental unit water is maintained with appropriate methods |  |  |  |
| The quality of the water is monitored |  |  |  |
| Documentation of water quality testing and dental unit maintenance is available |  |  |  |
| **Staff Training and Competency** |  |  |  |
| Have staff members using the equipment received hands-on education, especially regarding water use and maintenance of quality? |  |  |  |
| Is competency with maintenance procedures demonstrated? |  |  |  |
| Information about this device is included in orientation materials for all applicable team members (such as nurses, surgical technologists, and environmental service workers) |  |  |  |
|  |  |  |  |
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**If there are questions following this interview, feel free to reach out to Nebraska ICAP for assistance at 402-552-2881**

**References:**

1. Organization for Safety, Asepsis and Prevention (OSAP) Dental Unit Waterlines (DUWL) <https://www.osap.org/topics-dental-unit-waterlines-duwl>
2. CDC HAN: Outbreaks of Nontuberculous Mycobacteria Infections Highlight Importance of Maintaining and Monitoring Dental Waterlines <https://emergency.cdc.gov/han/2022/han00478.asp>
3. CDC Guidelines for Infection Control in Dental Health-Care Settings — 2003 <https://www.cdc.gov/mmwr/PDF/rr/rr5217.pdf>
4. U.S. Food & Drug Administration (FDA) Dental Unit Waterlines <https://www.fda.gov/medical-devices/dental-devices/dental-unit-waterlines>
5. Nebraska ICAP, Dental Unit Waterline Maintenance, Testing, and Monitoring Best Practice <https://icap.nebraskamed.com/wp-content/uploads/sites/2/2022/11/Dental-Unit-Waterline-Maintenance-Testing-and-Monitoring.pdf>