

## Dental Chair Maintenance Regulations

### I. Daily maintenance

1. Cleaning and disinfection: Surface cleaning: Use a mild detergent and warm water to clean the surface of the dental chair, including the seat, headrest, armrests and control panel. Avoid using abrasive cleaners to prevent scratching the surface. Disinfection treatment: Disinfect surfaces that come into contact with patients (such as seats, headrests, armrests, etc.) using disinfectants that meet medical standards. Cleaning of the saliva suction system: After each use, draw clean water through the saliva suction system to remove any residues in the hose. At the end of the day, thoroughly clean the spitting system with a dedicated disinfectant.
2. Water and gas system inspection: Inspect the water and gas separator and drain the condensate water in the gas supply pipeline. Ensure that the water vapor pressure is normal and there is no leakage or blockage.
3. Equipment Inspection: Check whether the indicator lights on the control panel are lit up normally. Make sure all accessories (such as mobile phones, spray guns, saliva suckers, etc.) are securely installed without any looseness or damage.

### II. Weekly maintenance

1. Deep cleaning: Thoroughly clean the interior of the dental chair (such as the seat, headrest, armrests, etc.) to ensure there are no stains or odors. Clean the control panel and buttons to ensure there is no dust or dirt.
2. Maintenance of the water and gas system: Use disinfectant to flush the water and gas system, let it stand for 10 to 20 minutes, and then rinse it with clean water. Check if there are any signs of aging or damage to the water pipes and air pipes. Replace them in time if necessary.
3. Lubrication of mechanical components: Lubricate the mechanical parts of the dental chair (such as slide rails, gas springs, transmission components, etc.) using the lubricants recommended by the manufacturer. Check whether all moving parts (such as hinges, levers, etc.) are flexible. If there is any jamming or abnormal sound, adjust or repair them in time.

### III. Monthly maintenance

Replace the filter and steam trap. Replace the steam trap on the conveying device. Replace the O-ring and gasket on the mobile phone coupler to ensure a good seal.

2. For water pipe treatment, water chlorine solution is used to impact the water pipes to maintain water quality.
3. Maintenance of Autoclave: Drain the water tank of the autoclave and clean it with the cleaner specified by the manufacturer to prevent bacterial growth.

### IV. Annual Maintenance

1. Professional inspection and maintenance services are arranged to conduct a comprehensive inspection and calibration of dental chairs to ensure that the equipment performance meets the requirements. Inspect all mechanical and electrical components to ensure there is no wear or aging.
2. X-ray equipment calibration: Ensure that all X-ray equipment has been calibrated and is operating normally.
3. Interior inspection: Check if the interior of the chair is worn out. If necessary, replace it.
4. Compressor maintenance: Check the operating status of the compressor to ensure there is no abnormal noise or vibration. Replace the air filter and oil filter of the compressor.

### V. Special Precautions

When using chemical disinfectants for disinfection and sterilization, make sure to thoroughly rinse off all cleaning agents to prevent residue accumulation. Use autoclaves to disinfect the instruments to prevent cross-contamination among patients. 2. Environmental control: Store the equipment in an environment with controllable climate to prevent damage caused by temperature fluctuations. Ensure that the humidity in the treatment room is moderate to prevent the equipment from getting damp.

3. Staff training: Regularly train the operators to ensure they are familiar with the correct usage and maintenance methods of the equipment.

4. Record and Track: Keep detailed records of all maintenance and upkeep on dental chairs to track the equipment's history and identify potential issues.

By following the above maintenance procedures, the service life of dental chairs can be effectively prolonged, ensuring the normal operation of the equipment, and at the same time providing patients with a safe and comfortable treatment environment.