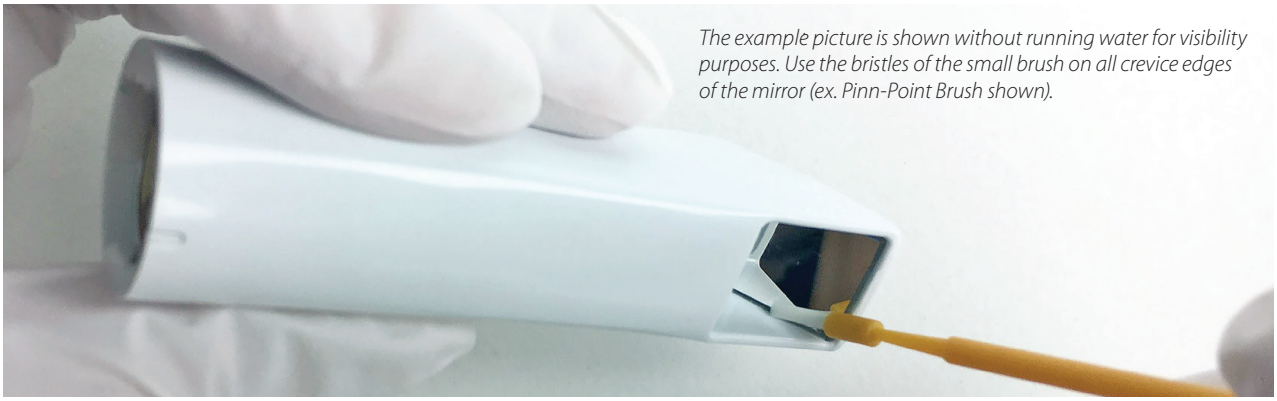
Planmeca Emerald™ and Planmeca Emerald™ S

# Tip infection control procedure

## After every patient

**It is of utmost importance to clean the scanner tip after every patient to ensure proper infection control.**

1. **Remove the scanner tip from the scanner.**
2. Using a soft bristled brush, such as a soft toothbrush, rinse and brush the **external surface** of the tip under warm running water (3-3.5L/min @ 30°-35°C [86°-95°F]) for a minimum of 15 seconds, with emphasis on the tip alignment indicator.
3. Rinse and brush around the edge and surrounding crevices of the mirror under running water for a minimum of 30 seconds. **To avoid scratching the mirror, be careful that only the bristles touch its surface.**



*The example picture is shown without running water for visibility purposes. Use the bristles of the small brush on all crevice edges of the mirror (ex. Pinn-Point Brush shown).*

4. After brushing, rinse the mirror and surrounding crevice under running water for additional 15 seconds.
5. Wipe the mirror with an optical lens wipe.
   - If there is any visible debris remaining after performing the cleaning steps above repeat the process.
   - If there is any debris that cannot be removed or visible deterioration such as cracks or discoloration, the tip should be disposed of and replaced.
6. Place each scanner tip individually into an autoclave pouch.
7. Place one to three pouches per tray or cassette. **DO NOT stack tips on or around other metal instruments.**
8. Select the **Wrapped**, **Wrapped Instruments**, or **Pouch** autoclave cycle with a minimum sterilization temperature of 132° C (269° F).
   - For **Pre-Vac** autoclaves minimum sterilization time is **3 minutes**.
   - For **Gravity** autoclaves minimum sterilization time is **10 minutes**.

   For any autoclave, use a minimum dry time of 10 minutes. **Autoclave sterilization cycle times exceeding 10 minutes could be considered excessive and may damage the tip.**
9. After cycle completion, store for later use.

## Manufacturer's specifications, additional information, and cautions

- Prior to scanning, visually confirm the scanning mirror and scanner connection surfaces are clean and dry.
- To clean either surface, use an optical cloth with a small amount of alcohol to gently remove residue.
- Ensure each surface is dry before connecting it to the scanner.

Autoclave cycle times, parameters, and names differ among manufacturers and autoclave types. Refer to your manufacturer's manual for sterilizing wrapped instruments. **Autoclave sterilization cycle times exceeding 10 minutes could be considered excessive and may damage the tip.** To verify that minimum cycle parameters are met, see the User's manual of the autoclave manufacturer. For more information, refer to the Planmeca FIT® User's manual or call customer support.

**DO NOT use a chemical sterilant.**
**DO NOT place in a ultrasonic cleaner.**
**DO NOT pouch with other instruments.**
**DO NOT stack tips on or around other metal instruments.**
**Excessive cycle times may prematurely reduce the life and function of the tip.**

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For detailed instructions, please see the user's manual. Rights for changes reserved.

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