

ENDO STERILIZATION GUIDE

ROTARY FILES:

Dia-X File

Files must be sterilized before use. ANSI/ADA Specification 28 recommends:

- Scrub the instruments with soap and warm water.
- Rinse thoroughly with distilled or deionized water.
- Allow to air dry.
- Place the instruments, unwrapped, in the autoclave tray.
- Use fresh distilled or deionized water.
- Steam Autoclave at 136° C (+/- 2° C) for 20 minutes.
- All rotary files are single patient use instruments.
- Recommended File Disposal: Place used files in a Biohazard Sharps container.

HAND FILES: (K-File, H-File, Reamer, Gates Glidden Drill, Peeso Reamer, Dia-Spiral Filler, Dia-Probe)

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- Scrub the instruments with soap and warm water.
- Rinse thoroughly with distilled or deionized water.
- Allow to air dry.
- Recommended File Disposal: Place used files in a Biohazard Sharps container.

| Cycle Type | Mini. Sterilization Exposure Time (Min.) | Min. Sterilization Exposure Temp. | Minimum Dry Time (Min.) |
|----------------------------|--|-----------------------------------|-------------------------|
| Gravity (Class N) | 10 | 135°C | 30 |
| Pre-vacuum/Steam (Class B) | 4 | 132°C | 30 |

ENDO STORAGE BOXES

- Wet-heat autoclave (up to 134° C)

GLASS PRODUCTS:

Glass Dappen Dish, Glass Medicament Bottle, Glass Mixing Slab

Glass products are NOT autoclavable.

- Sterilize with ultrasonic cleaner and rubbing alcohol.

OBTURATION SYSTEM:

Dia-Duo, Duo-Gun, Duo-Pen

Handpiece

- Remove the handpiece from the charger.
- Clean the outer surface of the handpiece using a soft cloth moistened with a pH-neutral mild surface cleaner or rubbing alcohol.
- Do not submerge the handpiece in disinfectant liquids of any kind.
- Do not spray any fluid directly on the handpiece.
- Wipe the charging contacts with cotton swabs and rubbing alcohol.

Charger

- Remove the handpiece from the charger. Disconnect the charger from the power adapter and power supply.
- Clean the outer surface of the handpiece using a soft cloth moistened with a pH-neutral mild surface cleaner or rubbing alcohol.
- Do not submerge the charger in disinfectant liquids of any kind.
- Wipe the charging contacts with cotton swabs and rubbing alcohol.

Heat Chamber

- After each use, remove the disposable GP Obturator tip using the multi-tool provided and clean all residual gutta percha inside the heat chamber using the scrubbing brush. Heat up the device at 140° C to melt and thoroughly remove the hardened gutta percha residue.

Safety Cap

- Remove the safety cap from the handpiece.
- Steam autoclave safety caps before and after each use. Recommended setting to autoclave is 30 minutes at 121° C. Recommended drying time after wet autoclaving is 30 minutes at room temperature.

GP Obturation Tips

- It is strongly recommended to steam autoclave the GP Obturation Tip before each use. Recommended setting to autoclave is 30 minutes at 121° C. Recommended drying time after wet autoclaving is 30 minutes at room temperature.

Plunger

- Remove any residual gutta percha from the plunger and wipe the surface using a soft cloth moistened with rubbing alcohol.

OBTURATION SYSTEM:

EvoFill Duo

Handpiece

- Remove the handpiece from the charger.
- Clean the outer surface of the handpiece using a soft cloth moistened with a pH-neutral mild surface cleaner or rubbing alcohol.
- Do not submerge the handpiece in disinfectant liquids of any kind.
- Do not spray any fluid directly on the handpiece.
- Wipe the charging contacts with cotton swabs and rubbing alcohol.

Charger

- Remove the handpiece from the charger. Disconnect the charger from the power adapter and power supply.
- Clean the outer surface of the handpiece using a soft cloth moistened with a pH-neutral mild surface cleaner or rubbing alcohol.
- Do not submerge the charger in disinfectant liquids of any kind.
- Wipe the charging contacts with cotton swabs and rubbing alcohol.

EvoFill Heat Chamber

- Take off the EvoFill Safety Cap.
 - Turn the EvoFill Cartridge Nut with the provided Multi-Tool and remove the Gutta Percha Cartridge.
 - Press and hold the M (menu) button for over one second so that the piston inside the EvoFill device is retracted to the very back.
 - Confirm the position of the piston through the clear GP window.
 - Press the operation button so that the piston moves to the very front.
 - Confirm the position through the clear GP window.
- Precaution: Operators must be careful as the piston automatically reverses to the back if the button is pressed for too long. It takes 25-30 seconds for the piston to completely move to the back.
- Lay the handpiece on a flat surface and remove all residual gutta percha using the scrubbing brush provided. If the residues have hardened, heat up the device at 160° C to melt and thoroughly remove the hardened gutta percha residue.

EvoFill Safety Cap

- Wet-heat Autoclave at 121° C for 20 minutes and dry at room temperature for 30 minutes before and after each use.

EvoPack Heating Condenser

- Turn the device off.
- To remove the Heating Condenser (EvoPack), pull out the bent part covered with silicone.
- Wet-heat Autoclave at 121° C for 30 minutes and dry at room temperature for 30 minutes before and after each use.

Scrubbing Brush

- Clean with rubbing alcohol and air dry.

Please refer to EvoFill Duo Manual for detailed sterilization instructions.

Dia-Kondensor

Before and after every use.

Recommended steam autoclave setting: 30 minutes at 121° C

Recommended drying time: 20 minutes at room temperature



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