8. Automated cleaning cycle parameters.

Note: The washer/disinfector should fulfill the requirements as specified in ISO 15883.

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9. Inspect the device.

Remove all the devices from the washing basket. Inspect the cannulations, sliding sleeves, etc. for visible soil. If necessary, repeat the manual pre-clean/automated cleaning cycle. Confirm that all parts are completely dry.

Precaution: Mechanical cleaning/disinfection is an additional stress for power equipment, especially for seals and bearings. Therefore, systems must be properly lubricated and regularly sent to be serviced (at least once per year).

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Note: The washer/disinfector should fulfill the requirements as specified in ISO 15883.

MANUAL AND MECHANICAL CLEANING

For Battery Power Line II (BPL II)
1. Remove debris.
Rinse the device under running cold tap water for a minimum of 2 minutes. Use a sponge, soft lint-free cloth or soft-bristled brush to assist in removing gross soil. For cannulations of the handpiece and attachments, the cleaning brush (516.101) should be used.
Note: Do not use pointed objects for cleaning.

2. Manipulate moving parts.
Manipulate all moving parts such as triggers, sliding sleeves, attachment release rings, saw blade coupling and switches under running tap water to loosen and remove gross debris.

Spray and wipe the device using a neutral pH enzymatic solution for a minimum of 2 minutes. Follow the enzymatic detergent manufacturer’s directions for correct temperature, water quality (i.e. pH, hardness) and concentration/dilution.

4. Clean with detergent.
Clean the device manually under running warm water using an enzymatic cleaner or detergent for a minimum of 5 minutes. Manipulate all moving parts under running water. Use a soft-bristled brush and/or soft lint-free cloth to remove all visible soil and debris.
Follow the enzymatic cleaner or detergent manufacturer’s instructions for use for correct temperature, water quality and concentration/dilution.

5. Rinse with tap water.
Rinse the device thoroughly using cool to lukewarm running water for a minimum of 2 minutes. Use a syringe, pipette or water jet to flush lumens and channels. Actuate joints, handles and other movable device features in order to rinse thoroughly under running water.

6. Visually inspect device.
Inspect the cannulations, coupling sleeves, etc. for visible soil. Repeat steps 1 – 6 until no visible soil remains.

7. Final rinse with de-ionized/purified water.
Final rinse with de-ionized or purified water for a minimum of 2 minutes.

8. Dry.
Dry the device using a soft, lint-free cloth or clean compressed air.

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**MANUAL AND MECHANICAL CLEANING**

For Battery Power Line II (BPL II)

**Manual Cleaning Instructions**

1. Remove debris.
Rinse the device under running cold tap water for a minimum of 2 minutes. Use a sponge, soft lint-free cloth or soft-bristled brush to assist in removing gross soil. For cannulations of the handpiece and attachments, the cleaning brush (516.101) should be used.

2. Manipulate moving parts.
Manipulate all moving parts such as triggers, sliding sleeves, attachment release rings, saw blade coupling and switches under running tap water to loosen and remove gross debris.

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6. Visually inspect device.
Inspect the cannulations, coupling sleeves, etc. for visible soil. Repeat steps 1 – 6 until no visible soil remains.

7. Load washing basket.
Place devices in the specially designed tray for machine washing supplied by DePuy Synthes (68.001.620). Ensure that all cannulations (handpiece and attachments), if applicable, are positioned vertically, i.e. in an upright position as shown.
Note: Specific lid (68.001.602) is available for the washing basket. This can be used for sterilization, but is not required for machine washing. Do not wash the system in the Synthes VARIO CASETM (689.202).

**Mechanical/Automated Cleaning Instruction with Manual Pre-cleaning**

**Important:**
- Manual pre-cleaning prior to mechanical/automated cleaning/disinfection is important to ensure that cannulations and other difficult to access areas are clean.
- Alternative cleaning/disinfection procedures other than the procedure described below (including manual precleaning) have not been validated by DePuy Synthes.

1. Remove debris.
Rinse the device under running cold tap water for a minimum of 2 minutes. Use a sponge, soft lint-free cloth or soft-bristled brush to assist in removing gross soil. For cannulations of the handpiece and attachments, the cleaning brush (516.101) should be used.

2. Manipulate moving parts.
Manipulate all moving parts such as triggers, sliding sleeves, attachment release rings, saw blade coupling and switches under running tap water to loosen and remove gross debris.

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Clean the device manually under running warm water using an enzymatic cleaner or detergent for a minimum of 5 minutes. Manipulate all moving parts under running water. Use a soft-bristled brush and/or soft lint-free cloth to remove all visible soil and debris.
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Rinse the device thoroughly using cool to lukewarm running water for a minimum of 2 minutes. Use a syringe, pipette or water jet to flush lumens and channels. Actuate joints, handles and other movable device features in order to rinse thoroughly under running water.

6. Visually inspect device.
Inspect the cannulations, coupling sleeves, etc. for visible soil. Repeat steps 1 – 6 until no visible soil remains.
9. Inspect the device.
Remove all the devices from the washing basket. Inspect the cannulations, sliding sleeves, etc. for visible soil. If necessary, repeat the manual pre-clean/automated cleaning cycle.
Confirm that all parts are completely dry.

Precaution: Mechanical cleaning/disinfection is an additional stress for power equipment, especially for seals and bearings.
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