

Subject: Cleaning Procedure for Driva™ Reusable Surgical Drill

Occasional clogging of the irrigation channel is an occurrence inherent to the design of internally irrigated drills. The following cleaning procedure for *Driva* drills helps to ensure the lumen of the drill is free of debris prior to sterilization.

1. After surgical use, soak drills in a mild, pH-neutral detergent for 2.5 minutes or until cleaning can be performed. Avoid contact with phenol alcohol, chlorine or quaternary ammonia.
2. Rinse the drills under a hard stream of water to remove debris on the outside surface of the drill. **(Fig A).**
3. Flush the drill lumen with a hypodermic needle to clear the drill. Use a 25 gauge (for *Driva* 3.8mmD drill and larger) or 30 gauge (for 3.4mm diameter or smaller) hypodermic needle. **(Fig B).**
4. Use the Zimmer cleaning wire to rid the drill of additional debris caught in the irrigation channel. Place wire in the irrigation channel through the silicone plug and extend all the way to the tip of the drill. Debris should exit through side holes near the tip of the drill. **(Fig C).**
5. Use the 25 gauge or the 30 gauge hypodermic needle again to flush the drills internally with water to remove any remaining debris. **(Fig D).**



Fig A



Fig B



Fig C



Fig D

6. Clean the drill in an ultrasonic unit according to the unit manufacturer's instructions. Use a low-sudsing, pH-neutral detergent. Do not allow the drills to contact any other metals. Thoroughly rinse the drills according to the instructions supplied by the detergent manufacturer.
7. Wrap the drills for sterilization with wraps washed in pH-neutral detergents or disinfectants. Do not use commercial wraps with sterilization indicators that leave stains. Do not mix drills with other metals during autoclaving, or allow them to directly touch metal trays.
8. Steam or dry-heat sterilize the drills according to the autoclave's instructions. Steam autoclave at 121°C/250°F, 15-20 psig for 80 minutes minimum followed by a 30 minute dry cycle. Do not exceed 170°C/338°F. Dry heat at 160°C/320°F for 2 hours. Do not exceed 170°C/338°F. Chemclaving is NOT recommended.



Cleaning wires can be ordered with the following part number: **NM1940**

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