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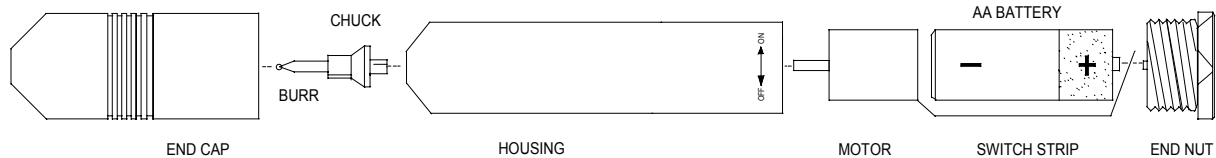
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## ALGERBRUSH II Instructions

\*\*\* Please read the following before operating the ALGERBRUSH II \*\*\*

- The ALGERBRUSH II burr must be sterilized prior to its initial use and following each use thereafter (for sterilization information, refer to section entitled “Sterilization”)
- The chuck and burr on the ALGERBRUSH II are held together by friction and may become loose during shipment. Prior to each use of the ALGERBRUSH II, check the following:
  - 1) Burr fits snugly within the chuck
  - 2) Chuck fits snugly on the motor shaft

\*\*\* If either of the above parts is loose, ***injury to the patient could result if the assembly falls off during use.*** Please refer to section entitled “Chuck and Burr Maintenance”



### Operation of the ALGERBRUSH II:

- To start the ALGERBRUSH II, turn end nut in “ON” direction indicated on ALGERBRUSH II label, i.e., to the right
  - To stop the ALGERBRUSH II, turn end nut in “OFF” direction indicated on ALGERBRUSH II label, i.e., to the left
- \*\*\* Note: To ensure ALGERBRUSH II is “OFF”, check that the chuck and burr have stopped spinning.

### Installation / Changing of Battery:

\*\*\* Note: When changing battery, care should be taken not to put pressure on the battery clip as it may break at the point where it attaches to the motor

- Remove chuck and burr assembly (see section entitled “Installation of Chuck and Burr Assembly”)
- Remove end nut
- Slide motor and battery assembly out of housing
- Battery must be installed - Pole first (closest to motor; see ALGERBRUSH II diagram above)  
(If battery installed + Pole first, the ALGERBRUSH II will not function properly)
- Place new battery between motor and battery clip (- Pole closest to motor)
- Re-insert motor and battery assembly into housing
- Ensure motor seated properly in housing by checking the following:
  - 1) Motor shaft centered in hole at tip of housing
  - 2) Tip of motor shaft just even with top of housing
- Partially tighten end nut
- Note: if motor starts spinning, see section above entitled “Operation of ALGERBRUSH II” for instructions to stop motor

### Installation of Chuck and Burr Assembly:

\*\*\* Note: Motor must be spinning when installing chuck and burr assembly to ensure motor seated properly

- To install, ensure motor is spinning, i.e., ALGERBRUSH II is "ON"
  - 3) Gently push chuck and burr assembly onto motor shaft
  - 4) Base of chuck should be close to, but not touching, top of housing
  - 5) Turn "OFF" ALGERBRUSH II until ready to use
- To remove,
  - 1) Grasp base of chuck with fingers and pull away from motor shaft - or -
  - 2) Gently pry chuck off motor shaft with suitable instrument
  - 3) Turn "OFF" ALGERBRUSH II until ready to use
- To replace burr,
  - 1) Remove chuck and burr assembly from motor shaft (per instructions above)
  - 2) While grasping base of chuck with fingers, grasp shaft of burr with Foley hemostat and pull apart
  - 3) To insert new (sterilized) burr, use Foley hemostat to grasp burr (grasp in middle of shaft); then, push chuck onto bottom of burr shaft until snug

### Chuck and Burr Maintenance:

\*\*\* Chuck and burr assembly are held together by friction; should they become loose or not fit snugly, use the following procedures to tighten.

- If base of chuck becomes loose on motor shaft, pinch base of chuck **gently** with small pliers as shown in Figure I below (Note: slit in base of chuck should be facing directly away from you)
- If burr becomes loose in chuck, pinch longer portion of chuck **gently** with small pliers as shown in Figure II below (Note: slit in longer portion of chuck should be facing directly away from you)

### Sterilization of the ALGERBRUSH II:

\*\*\*\*\* DO NOT AUTOCLAVE THE ENTIRE INSTRUMENT! IT WILL BE RUINED! \*\*\*\*\*

- Remove chuck and burr assembly from ALGERBRUSH II (per instructions above)
- Pulling off burr by itself is fine, but burrs are small and hard to handle; therefore, it is convenient to have several chuck and burr assemblies on hand
- Sterilize chuck and burr assembly using a Dry Heat sterilizer or by Autoclaving
- If Autoclaved, burr must be debrided and **thoroughly** dried first or it will rust (and create the very thing you are trying to remove)
- Housing can be cleaned by wiping with alcohol

FIG. I



FIG. II

