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ALGERBRUSH II Instructions

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:

Burr fits snugly within the chuck

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:

Motor shaft centered in hole at tip of housing

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

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"

Gently push chuck and burr assembly onto motor shaft

Base of chuck should be close to, but not touching, top of housing

Turn "OFF" ALGERBRUSH II until ready to use

To remove,

Grasp base of chuck with fingers and pull away from motor shaft - or -

Gently pry chuck off motor shaft with suitable instrument

Turn "OFF" ALGERBRUSH II until ready to use

To replace burr,

Remove chuck and burr assembly from motor shaft (per instructions above)

While grasping base of chuck with fingers, grasp shaft of burr with Foley hemostat and pull apart

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)

FIG. I



FIG. II

