

CARE OF MICRO SURGICAL INSTRUMENTS

MANUAL CLEANING

- ❖ Immediately rinse the instruments with distilled water after use to remove blood, saline, tissue and other deposits which will stain the instruments.
- ❖ Always use a soft tooth brush with mild soap for cleaning.
- ❖ Wash the instruments thoroughly with distilled water and dry the instruments with a hot air blower or with a soft lint free cloth. (While using a cloth for drying be very careful as the tips can get damaged by contact).

ULTRASONIC CLEANING

- ❖ Ultrasonic cleaning is the best method of clearing micro surgical instruments. Regular Cleaning of the instruments with ultrasonic cleaner will increase the life of instruments.
- ❖ Strictly follow the instruction of the manufacturer of your ultrasonic cleaner & use only the Recommended solution for cleaning.
- ❖ Do not allow the instruments to touch one another in the ultrasonic cleaner.
- ❖ Wash the instruments thoroughly with distilled water and dry the instruments with a hot air blower or with a soft lint free cloth. (While using a cloth for drying be very careful as the tips can get damaged by contact).

STERILIZATION

- ❖ Micro surgical instruments can be sterilized by the following methods
(a.) Autoclaving (b.) Dry heat (c.) Gas (d.) Chemical (e.) Boiling.
- ❖ Whichever method of sterilization is used, strictly follow the instruction of the manufacturer of the sterilizer
- ❖ Clean your instruments thoroughly before sterilizing as sterilizing is not cleaning.
- ❖ Regularly inspect the internal parts of your sterilizer for rust, as this rust can damage your Instruments while sterilizing.
- ❖ Do not allow the instruments to touch one another in the sterilizer.
- ❖ Do not allow the instruments to over heat, or be kept in the sterilizer for a long period of time, as this will damage the instruments.

INSPECTION

- ❖ Inspect your microsurgical instruments regularly under a microscope to check the working
- ❖ Do not use damaged instruments for surgery.

LUBRICATION

- ❖ Regularly lubricate the joints & locks of the instruments with a high grade lubricant.

STORING

- ❖ Clean the instruments thoroughly before storing.
- ❖ Store the instruments in a dry place.
- ❖ Always protect the tips of the instruments with soft silicone tubing before storage.
- ❖ Do not allow the instruments to move or touch one another when stored.
- ❖ Use trays with soft silicone mats for storing the instruments.
- ❖ All delicate and costly instruments, such as diamond knife, act. should be stored separately.

IMPORTANT INSTRUCTIONS FOR CARE / USE

- ❖ Do not allow blood/tissue/or Saline (BSS) to dry on instruments.
- ❖ Use of saline (BSS) for rinsing the instruments is strictly prohibited
- ❖ Use only distilled water for final rinsing.
- ❖ Use Ultrasonic cleaning every day to keep the stains away.
- ❖ Dry the instruments with lint-free cloth or hot air oven.
- ❖ Lubricate joints and looks after cleaning
- ❖ Remember, stainless steel is stain less not stain proof.
- ❖ Rins the cannulae before first use.



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