

INSTRUMENTATION CLEANING RECOMMENDATIONS

Cannula:

Cannulas are surgical instruments with small and difficult to clean inner lumens. Without the proper techniques/protocols set in place, the risk of patient cross contamination is increased. The correct procedure involves many steps, each one relevant to the next. Below are recommendations in a step by step format to achieve the best cleaning results.

- 1) Immediately following use, place cannulas in a basin with warm water and a mild detergent. It is essential to not allow tissue adhere to the cannula holes, threads, handles or other small and difficult areas to clean.
- 2) Clean the inner lumen of the cannula with a sized cannula cleaning brush and/or stylet. The brush bristles on the brush will aid in the cleaning of the lumen by softly scrubbing the side wall while the stylet will help to push left over material to the tip where it can more easily be extracted. Stylets are commonly used in smaller diameter cannulas where the inner lumen is too small to fit a cleaning brush.
- 3) Rinse the cannula thoroughly with a syringe or under running water until there is no tissue seen exiting the cannula.
 - a. Repeat steps 2-3 until effective.
- 4) Remove all tissue fibers stuck in the holes of the cannula. These fibers can get wrapped around holes and may difficult to remove. Use a small needle or tissue forceps to help with this.
- 5) Put all cannulas in an Ultrasonic Cleaner with correct amount of enzymatic solution for approximately 15mins.
- 6) Remove cannulas and rinse thoroughly to remove the enzymatic solution.
- 7) Let cannulas air dry for full effectiveness.
- 8) Visually inspect cannulas thoroughly for damage or tissue prior to sterilization.
- 9) Place cannulas in pouches, wraps or tray/ "coffin" and place in an autoclave.
 - a. *autoclave dimensions and sterilization modality may vary. Use common autoclave protocol for surgical instruments.
- 10) ****All handles that contain Delrin should be disconnected from cannulas prior to autoclaving. Failure to comply with this may result in damage to handles. Handles containing Delrin should be autoclave at a temperature not exceeding 275F:

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