

## WARNING

Diamond blades cannot be cleaned using metal or any abrasive materials. It will chip if it comes in contact with forceps, a speculum or hard surfaces. Retract immediately after each use.

## Instructions For Cleaning Diamond Knives

### CAUTION

Handling of the diamond knife must be with extreme care as the diamond blade can be damaged when handled improperly.

1. Immediately after surgery rinse lower  $\frac{1}{4}$  of knife under tepid water for one minute while the blade is exposed. (Blade should not be extended beyond footplates for RK knives). Do not use heavy water pressure, a small stream of water is adequate. Point front of knife down when flushing.
2. Hold knife (with blade in the fully retracted position) in an ultrasound unit filled with distilled water and three (3) to four (4) enzymatic tablets for two (2) to three (3) minutes. Do not place the knife in the ultrasonic cleaner completely as protein in the solution will eventually jam the internal mechanism.
3. If the diamond is not clean repeat from step 1. It is important not to wipe the diamond with any product. Rather, continue to soak it in the ultrasonic cleaner for an extended period of time.
4. Sterilize knife by any normal method. (KNIFE MUST BE STERILIZED WITH THE BLADE IN THE FULLY RETRACTED POSITION.) 275 degree F (135 degree C) maximum temperature for 3 minutes unwrapped to 30 minutes wrapped, is an acceptable sterilization method for diamond knives and instrumentation.

### CRITICAL NOTE:

Do not allow diamond knives to remain wrapped between surgery days. All knives need dry storage. Allowing moisture on the knives causes residue and deposits to form which will reduce the performance of the knives.

### RECOMMENDATIONS:

- A. Sterilizer must be drained every 2 to 4 weeks depending on usage. Use only distilled water.
  - B. Filters & Gauges on sterilizer must be checked periodically. Clean filters in an ultrasonic bath monthly.
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