

Curlew Endoscopic Multibiopsy

US Patents 5,782,747; 5,980,468; 6,071,248; foreign patents and pending

Multibiopsy 9F with Metal Storage Cylinder

Hot and Cold or Cold 7, 13, or 25 Specimens

with in Situ Processing, Single or Batch Specimen Collection

Pathology Laboratory Instructions for Specimen Removal from Metal Storage Cylinder after Processing to Paraffin

Read this document in its entirety prior to use

Caution: A thorough understanding of the technical principles, clinical application and risks associated with multibiopsy is necessary before using this instrument

Pathology Laboratory Metal Storage Cylinder In Situ Paraffin Processing

- The perforated metal cylinder contains 7, 13 or 25 serially collected, oriented, stored biopsy specimens ready for in situ fixation and processing. The attached shaft cable stub closes the sharp biopsy jaws and biopsy mechanism surrounding the oriented, serially collected specimen column inside the metal cylinder.
- *Fix and process the closed perforated metal cylinder through paraffin. Remove the processing cassette from the embedding station paraffin and prepare to open the metal cylinder while the paraffin is soft. Place the removal pin in the metal storage cylinder slot and push toward the storage cylinder tip to advance the jaws out of the storage cylinder 3mm. See the accompanying illustrated instructions for opening the storage cylinder to expose the biopsy mechanism surrounding the paraffin encased oriented specimens. Grasp the exposed opened sharp jaws by their edges to keep the jaws separated. Squeezing the jaws together will distort the biopsy mechanism making removal difficult and squash the last paraffin embedded specimen between the jaws. Pull the jaws by their edges straight out of the storage cylinder with the biopsy mechanism that surrounds the fragile paraffin embedded specimen column. While the paraffin is soft spread the jaws one by one, remove the specimen column and wrap with a graphite mark on the right indicating the last specimen. The wrap keeps the specimen column in line and prevents column disruption when placed in hot paraffin for mounting. Mount the wrap and cut at 30 degrees on the microtome. Place multiple serial sections on each slide.*
- The graphite mark adjacent to the last specimen is placed to the right of the slide away from the label. The specimen on the left adjacent to the label is "Biopsy 1" as documented on the Curlew Multibiopsy Log submitted by the endoscopist. The first biopsy specimen can also be identified by its separation from the biopsies compressed inside the storage cylinder.

Simplified Precision

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vox 516-627-0965 fax 212-208-0949