

**Supplementary Material 1.** Bougie dilator and wire (non-disposable) reprocessing guide: massachusetts general hospital white 3 endoscopy & charles river gastrointestinal outpatient reprocessing rooms guidelines

- Wash dilator and the wire (if non-disposable) in clean sink with a solution of H2O and 2.5 oz pre-measured Ruhof or Tergal brand detergent.
- Brush through the center lumen (wire channel) of the dilator with appropriate wire brush. (American Esophageal Dilator Cleaning Brush #000336) and utilizing dilator cleaning adapters (American Dilator Cleaning Adapters #000337).
- Wipe Savary Dilator with sponge and solution of H2O and Ruhof enzyme detergent.
- Attach a suction channel adapter #00037 to the narrowed tip of the dilator for flushing of the center of the lumen.
- Rinse thoroughly with tepid clean water.
- Place both dilators and wire (if non disposable) in Automated Endoscope Reprocessors (AER) and select the “Wash/Disinfect” cycle (s). Secure items in the bottom portion of the AER basin.
- Program Custom Ultrasonic AER (Charles River site) wash cycle for 32 minutes, of which 7 minutes is an Ortho-Phtalaldeyde Solution disinfectant cycle.
- Program Medivator AER (White 3 Endoscopy site) wash cycle for 37 minutes of which 7 minutes is a Rapiocide high level disinfectant cycle.
- Flush with 70% Alcohol for three-minute Custom Ultrasonic AER cycle, or a preprogrammed three-minute automated Aeration Medivator AER drying cycle.
- Remove the dilators from the AER at completion of cycle.
- Thoroughly pat dry the wire (non-disposable) with lint free towel, leaving no moisture.
- Peel pack the non-disposable wire for steam sterilization, and forward to Central Sterile Processing with appropriate documenting.
- Dry the dilator thoroughly using medical air gun set at 90 PSI for two minutes.
- Replace re-processed dilators in black transport cases in sequence numbered order.
- Place identifiable “Clean Scope Tag” on transport case indicating date of reprocessing.