



## Nursing Service Guidelines Endoscopy Unit

- Title:** **REPROCESSING FLEXIBLE GASTROINTESTINAL ENDOSCOPES: USE OF MEDIVATORS ADVANTAGE PLUS AUTOMATED ENDOSCOPE REPROCESSOR (AER)**
- Responsibility:** Endoscopy Staff (RN, LPN & Endo Techs)
- Purpose of Guidelines:** The purpose is to provide standardization for high level disinfection of flexible endoscopes.
- Supplies needed:**
1. Personal protective equipment
  2. Correct hook-up for each endoscope model
  3. Rapicide PA test strips
  4. Small disposable cup

### **Prior to using the AER**

1. Wear personal protective equipment.
2. Visually inspect scope and verify that all organic material has been removed, and no damage is visible, if debris found repeat manual cleaning. If damage is found, follow damaged scope guideline.
3. Place endoscope in Medivator Advantage Plus basin.
4. Select correct hook-up connector block for scope model and insert into manifold. Inspect block connections for holes, tears, or cracks in tubing, remove from service if damage is discovered.
5. Place accessories in a mesh bag if applicable and place in the Advantage Plus basin away from the drain along with scope.

### **Run the Reprocessing Cycle**

1. Enter identification information into the machine. Scan assigned operator ID barcode, then scan the scope, block connector, patient barcode, and physician barcode.
2. Begin cycle using the controls designated for the basin in use.
3. Replace fluids as indicated by Medivator display; cycle will stop if fluids need refilled/replaced.
4. Machine will indicate if abnormal situations are detected. If any hookup component connection becomes loose or disconnected, the cycle must be repeated. Troubleshoot problems or call Medivators technical support at: 1-800-444-4729.

### **Complete the Reprocessing Cycle**

1. Advantage Plus will alarm when cycle is finished.
2. MEC of high-level disinfectant must be tested before lid can be opened and

scope removed.

3. Obtain a sample of disinfectant in small cup and dip Rapicide PA test strips for one second. Compare with color change indicator on test strip bottle to verify that disinfectant concentration is acceptable.
4. Hit green check mark if test strip passes, hit open lid button and scan badge.
5. Disconnect hookup, remove endoscope, and place on dryer. Remove accessories and keep with scope.

### **End of Day Shutdown**

1. Wipe basin and inside lid with disinfectant wipes.
2. Install disinfection blocks into manifolds.
3. Close all lids.

### **End of Week Shutdown**

1. Wipe basin and inside lid with disinfectant wipes.
2. Lubricate all rubber parts within basin, O rings and around the edge.
3. Install disinfection blocks into manifolds
4. Close the lids.
5. Power down using the shutdown icon on screen.

### **Monthly Maintenance**

1. Replace white filter in each basin and log in binder and on posted reminder sheet.
2. Clean mesh filter for each basin and log in binder and on posted reminder sheet.

Reviewed by:

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