

# Specialty Medical Monthly

## Your Surgical Repair Specialists!

SMS is a full service, surgical and endoscopy repair company based in Kansas City, Missouri. SMS takes pride in its ability to communicate with its customers, provide quality service, rapid turnaround, all at highly competitive prices.

### Team SMS

#### Bryan Bodenhamer

Territory Manager

816.809.7545

#### Summer Youngkin

Territory Sales Associate

816.803.9686

Visit us on the web at  
[www.spmedsys.com](http://www.spmedsys.com)

## Back to Basics: Post Procedure Scope Care

The procedure is complete, but before removing the scope from the processor and light source you must perform the following steps.

1. Check your personal protection equipment i.e. gloves, eye protection, face shield or a mask that will not trap vapors and an impervious gown
2. Wipe the insertion tube with a sponge or wet cloth that has been soaked in enzymatic detergent solution. The sponge or cloth should be a one time use.
3. Place the tip of the scope into the container of the enzymatic detergent solution and suction through the scope until you see that the solution going into the collection container is clean. Remove the tip and suction air through the scope. Alternate between solution and air a few times, but finish with air. (This alternating of solution and air creates agitation within the channel and helps loosen and remove debris).
4. Some of the original equipment manufacturers furnish a special air/water cleaning valve or button. This is the time to use that special button or valve. **NEVER** use this button during a procedure. This button allows constant air to flush the air/water channels of the scope. If the OEM does not provide a button like this, you will need to push the button to create water flow thru the nozzle and then cover the hole on the top of the button to create air flow thru and to the nozzle. Do this step a few times by alternating between each. This will help dislodge any debris in the air/water system and nozzle that may have backed up inside the system during the procedure.
5. Turn off your light source and processor. Disconnect the scope. *Make sure that the water cap is on any video scope.* Place the scope in a transport container that is large enough so the scope is not sharply coiled.
6. In the reprocessing area, remove all valves and buttons. Check the integrity of the water tight cap to insure proper fit and seal.
7. Perform your leakage test.
  - a. Dry leak test with a hand held unit.
    - i. Install the leakage tester to the vent port of the scope. This may be found on the water cap or on the scope itself.
    - ii. Pump the ball and watch the needle on the gauge. Most gauges are marked with a stop point for pumping.
    - iii. With the scope pressurized manipulate the knobs and observe the needle on the gauge.
    - iv. If the needle drops you could have a leak in the scope.
      1. If the leak test is positive - **REMOVE THE SCOPE FROM SERVICE.**
      2. If no leaks are detected, deflate the scope by turning the dial or flipping the switch on the leak tester. This allows the air pumped into the scope to be released.

# Article Continued

## Back to Basics: Post Procedure Scope Care *Continued*

- b. Automated leak test and wet leak test.
  - i. You may also use your hand held unit to perform a wet leak test. However, be careful to make certain you are keeping pressure in the scope. Watch the needle on gauge, if the needle drops rapidly there is a chance you could cause a fluid invasion.
  - ii. Automated air for wet leak testing is the safest. Always attach the leakage tester adapter to the vent port while the scope is out of the water. Turn on the unit and place the scope in water. Manipulate the knobs and observe the bending section, the knobs and all areas of the scope for a continuous stream of air bubbles. The air bubbles alert to the area of the leak. If a leak is found, remove the scope from the water. Turn off the automated leakage tester, wait 10 seconds, remove the leakage tester adapter. **REMOVE THE SCOPE FROM SERVICE - DO NOT USE.**
  - iii. If no leaks are detected, you may proceed with the next steps.
8. Follow the manufacturers instructions for manual cleaning and high level disinfection.
9. Thoroughly clean and brush all accessories for example, air/water and suction buttons, biopsy port covers (if re-usable) and auxiliary water valves.
10. Don't forget the alcohol flush and drying of the scope.
11. Store the scope hanging vertically in a ventilated storage unit.
12. Do not store the scope with valves or buttons attached to the scope.



March is Colorectal Cancer Awareness Month.

Happy GI Nurses and Associates Day!!

March 25th is GI Nurses and Associates Day and SMS would like to thank the wonderful people of the GI world out there for all their hard work.

Congratulations to February's Drawing Winner!!

Diane Pattison  
Golden Valley Memorial Hosp.

Diane won a \$30 gift card to the restaurant of her choice. Keep your eyes open for next month's newsletter, and don't forget to enter your name for our next drawing.

# Product Spotlight

## Zutron Medical's Leak Testers

### **SPECIAL!!**

The New Stainless Steel model features a convenient on/off toggle switch, adjustable pressure, greater durability, and a 12 volt power source, making it safer for use around water.

**Any facility who has bought the plastic Automated Leak Tester that would like to upgrade to the more durable stainless steel model can do so at a special one-time price of \$350!**

**UPGRADE**



**Automated Leak Tester**

Zutron's Endoscope Leak Tester incorporates new design and technology into one durable, compact unit. The stainless steel model features a convenient on/off toggle switch, and it is only 12 volts, making it safer for use around water.

Order # ZUTR 10003 \$695.00



**Hand Held Leak Tester**

Zutron's Hand Held Leak Testers are very easy to use. The quick release switch allows air to escape from the endoscope immediately. Extra long tubing provided to facilitate keeping the leak tester away from fluids.

Order # ZUTR 10002 \$185.00

**For more information, contact you local SMS sales representative.  
Or call 816.472.4500.**

1911 Broadway Kansas City, MO 64108

