

## ***Flushing Methods for Endoscope Channels: For Use with ChannelCheck***

**The following flushing methods are meant for Olympus endoscopes.** If other manufactures scopes are used, please contact Healthmark for more information. Flush the applicable channels using the methods listed below.

Note that not all channels are available on each endoscope.

### **1. FULL LENGTH OF INSTRUMENT/SUCTION CHANNEL:**

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| A. | Attach the Channel plug to the control section to cover the suction cylinder, air/water cylinder and the biopsy port on the control section.   |
| B. | Using a syringe, flush the instrument channel through the suction connector on the light guide connector with 10mL of water followed by 10mL of air. This will flush from light guide connector to distal end. |
| C. | Collect the flushed water at the distal end.   |

### **2. STANDARD AIR/WATER CHANNEL AND INSTRUMENT/SUCTION CHANNELS:**

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| A. | Attach the Channel plug to the control section to cover the suction cylinder, air/water cylinder and the biopsy port on the control section.            |
| B. | Attach the disinfected or sterilized Injection Tube to the suction channel inlet, the connector plug and the air pipe port on the light guide connector |
| C. | Flush 10ml of air followed by 10mL of water through the left side of the green port on the injection tube to flush the suction channel.                 |
| D. | Collect at the distal tip and test with ChannelCheck as instructed.   |
| E. | Flush 10ml of water followed by 10mL of air through the right side of the green port on the injection tube to flush the air and water channels.         |
| F. | Collect at the distal tip and test with ChannelCheck as instructed.   |

### **3. BIOPSY PORT OF THE INSTRUMENT/SUCTION CHANNEL: (CURRENT METHOD)**

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| A. | Using at least a 20ml syringe, fill with 10ml of commercially available pre-packaged sterile water and 10ml of air.                                 |
| B. | Attach the syringe to the biopsy port on the control section.   |
| C. | Flush the water through channel by flushing the channel(s) of the instrument with 10mL of water followed by the 10ml of air to facilitate flushing. |
| D. | Recapture Water in the Zip-Lock Bag: Recapture the water in a clean, container, such as the supplied zip-lock bag.                                  |

### **4. ELEVATOR WIRE CHANNEL: (FOR SEALED ELEVATOR WIRE CHANNEL ON THE TJF-Q180V BY FLUSHING AROUND FORCEPS ELEVATOR)**

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| A. | The TJF-Q180V has a sealed elevator channel which cannot be flushed from the control section.   |
| B. | For this type of duodenoscope, flush 5 ml of sterile water around each side of the forceps elevator recess (both in the raised and lowered position) for a total of 10ml. |
| C. | Collect the sterile water into the collection container at the distal tip.  |

**5. ELEVATOR WIRE CHANNEL: (FOR UNSEALED ELEVATOR WIRE CHANNEL BY THE FLUSHING METHOD)**

- A. Attach a disinfected or sterilized cleaning tube to the elevator wire channel inlet on the control section.
- B. Flush the elevator wire channel with 10mL of sterile water followed by 10ml of air.
- C. Collect the flush sample at the distal tip.

**6. AUXILIARY WATER CHANNEL**

- A. For an endoscope with an auxiliary water inlet on the light guide connector:
  - 1. Attach a disinfected or sterilized MAJ-855 auxiliary water tube to the auxiliary water inlet on the endoscope's connector.
  - 2. Attach a 20mL syringe or larger to the green end of the MAJ-855 auxiliary water tube.
  - 3. Flush 10mL of sterile water through the auxiliary water channel.
  - 4. Collect the flush sample at the distal end.
  - 5. Flush 10cc of air through the channel to fully remove the flushed water while recapturing any of the remaining flushed water.
- B. For an endoscope with an auxiliary water inlet on the control section above the suction valve:
  - 1. Attach a disinfected or sterilized MAJ-855 auxiliary water tube to the auxiliary water inlet on the control section.
  - 2. Attach a 20mL syringe or larger to the green end of the MAJ-855 auxiliary water tube.
  - 3. Flush 10mL of sterile water through the auxiliary water channel followed by 10ml of air.
  - 4. Collect the flush sample at the distal end.

**7. TO TEST AN AUXILIARY WATER TUBE (MAJ-855) ITSELF:**

- A. Attach a 20mL syringe or larger to the green end of the MAJ-855 auxiliary water tube.
- B. Flush 10mL of sterile water through the auxiliary water channel followed by 10ml of air.
- C. Collect the flush sample at the metal end.

**8. FLEXIBLE ENDOSCOPE VALVE AND BIOPSY CAP TESTING PROCEDURE:**

- A. Places valves/caps to be tested into a sterile specimen cup or equivalent with a lid. Note: Separate cups should be used for each valve or cap.
- B. Add 10mL of commercially available pre-packaged sterile water.
- C. Close the sterile specimen cup.
- D. Shake the specimen cup to mix well and to remove any potential soil.
- E. Remove a test strip from the ChannelCheck bottle and dip into the water in the specimen cup.
- F. With the three pads fully submerged, stir the recovered water for 10 seconds with the test strip.



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G. Remove the test strip.
H. Dab the side of the test strip on an absorbent surface (e.g., paper towel) to absorb excess moisture.
I. After 90 seconds, compare the colors on the test strip to the color indicator chart provided.
J. Record the results for all 3 pads.
K. Dry valves/caps in accordance with the manufacturers' IFU and continue to high-level disinfection or sterilization.