**1 PRE-CLEANING**
(In examination room)

**IMMEDIATELY AFTER PROCEDURE**

1. **Wipe Insertion Tube**
   - using gauze saturated with enzymatic detergent.

2. **Aspirate Enzymatic Detergent**
   - through the entire biopsy/suction channel system.
   - Alternate suctioning of air and detergent to create agitation.

3. **Purge Air & Water Channels**
   - by setting lever on water bottle to “drain” position, turn air pump “on” to highest pressure setting and use air/water valve to expel fluid/debris from air and water channels.

4. **Purge Any Special Feature Channels**
   - such as water jet, exposed elevator, etc.

5. **Detach Removable Components**
   - and soak in detergent solution.

**2 LEAK TESTING**
(In decontamination area)

**ATTACH SOAKING CAP PRIOR TO IMMERSSION**

1. **STAGE 1/Dry Test**
   - Deflect the Scope Distal Tip in various directions by rotating the angulation controls during both dry and wet leak test.

2. **STAGE 2/Wet Test**
   - Perform “Dry” Test
     - Watch needle in gauge for any rapid movement.
   - Perform “Wet” Test
     - Carefully check for trails of escaping air bubbles.

3. **Notes:**
   - A. Never place gauge/hand pump portion of tester in fluids.
   - B. Never disconnect or connect the leak tester while under fluid.

4. **Perform all cleaning steps while the scope is completely immersed. Follow detergent manufacturer’s instructions.**

**3 CLEANING**
(In decontamination area)

**SOAK IN ENZYMATIC DETERGENT**

1. **Transfer Previously Detached Components to Cleaning Basin.**

2. **Using Cleaning Brushes**
   - scrub clean all accessible endoscope channels and components/surfaces.

3. **Attach PENTAX Channel Cleaning Adapters.**

4. **Inject Detergent Solution into ALL Internal Channels**

5. **Rinse All Scope Surfaces, individual components and internal channels with clean water.**

6. **Thoroughly Dry**
   - all previously rinsed surfaces (forced air, up to 24psi may be used).

**4 HIGH-LEVEL DISINFECTION**
(In decontamination area)

**VERIFY MEC**

1. **Verify**
   - Complete Immerse Endoscope and all scope components in a high-level disinfectant solution.

2. **Using Supplied Pentax Channel Cleaning Adapters**
   - flush disinfectant into ALL internal channels
   - (Avoid introduction of air bubbles during the flushing process).

3. **After Removing Endoscope From Disinfectant**
   - purge ALL internal channels’ with air, then RINSE all channels with sterile water.

4. **Use a Final Alcohol Rinse**
   - followed by forced air (up to 24psi) to facilitate drying of ALL internal channels’ and external scope surfaces.

**5 POST-DISINFECTION**

**REMOVE ALL COMPONENTS**

1. **Inspect Endoscope**
   - Follow Operation Manual to carefully inspect endoscope and ancillary equipment prior to subsequent use.

2. **When Checking Scope Functions**
   - for air, water, suction, etc. do NOT place previously disinfected endoscope tip in uncovered tap water.

3. **Use Only Sterile Water**
   - for irrigation and inspection purposes.

**POST-DISINFECTION**

**IF FOR REUSE, FOLLOW OPERATION MANUAL**

1. **Ensure that All Water has been removed from the scope and that the scope/components are dry.**

2. **Detach Removable Components**
   - (valves, inlet seals, tubes, etc.)
   - for better air circulation within and for enhanced drying of ALL internal channels.

3. **Hang the Endoscope**
   - in a well-ventilated, dust-free cabinet. Keep the insertion tube and umbilical cable as straight as possible.

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**IMPORTANT NOTES:**

Follow detailed instructions in PENTAX Reprocessing Manual.

*All internal channels include all specialized feature areas such as forward water jet, secondary biopsy channels, exposed elevator wire, etc. In addition to the standard air, water and suction/biopsy channel systems.

Detergent refers to an enzymatic detergent or other cleaning solution specially formulated for use with flexible endoscopes and other medical devices.

Disinfectant refers to a legally marketed liquid chemical sterilant cleared by the FDA as a High-Level Disinfectant.

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**PENTAX**

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**Revision b**