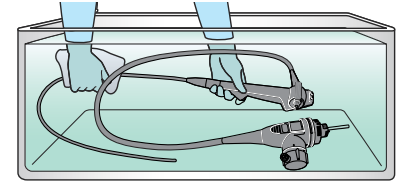


## ENDOSCOPE CLEANING GUIDE

### EVIS EUS Ultrasound Bronchofiberscope Olympus BF-UC190F

All manual cleaning steps are done with the endoscope completely immersed in detergent solution or water.

**WARNING** This workflow is a **summary** of the cleaning steps necessary to properly reprocess your BF-UC190F and does not include disinfecting/sterilizing steps. Follow the detailed steps instructed in the latest **ENDOSCOPE REPROCESSING MANUAL** for BF-UC190F.



#### Pre-cleaning at the Bedside

**1** Remove the balloon, and wipe the insertion section

**2** Aspirate water and air through the instrument/suction channel  
Flush water and air through the balloon channel

Suction valve  
water: 10 sec  
air: 10 sec

Syringe  
Irrigation port  
water: 30 ml x3  
air: 30 ml x3

#### Leakage Testing

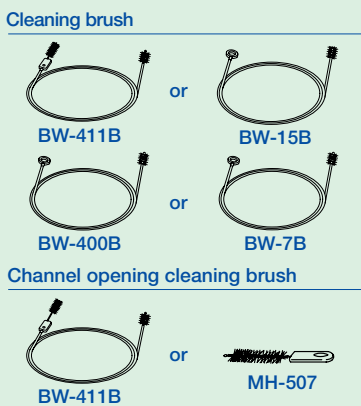
**3** Detach the suction and biopsy valve, and attach the US connector cap (MAJ-2295)

**4** Confirm that air bubbles do not emerge from endoscope

30 sec

#### Manual Cleaning

##### PREPARE THE FOLLOWING BRUSHES



**5** Thoroughly wipe all external surfaces in the detergent solution

**6** Brush from the suction cylinder to the distal end

**7** Brush from the instrument channel port to the distal end

**8** Brush the suction cylinder

BW-411B or BW-15B

BW-411B or BW-15B

BW-411B or MH-507

#### Manual Cleaning

**9** Brush the instrument channel port

**10** Brush from the irrigation port (balloon channel) to the distal end

**11** Brush the irrigation port (balloon channel)

**12** Brush the balloon grooves

BW-411B or MH-507

BW-400B or BW-7B

BW-411B or MH-507

BW-411B or BW-15B

BW-411B or MH-507

#### Manual Cleaning

**13** Aspirate the detergent solution (with attached MAJ-222)

**14** Completely immerse the endoscope and the suction cleaning adapter (MAJ-222) in the detergent solution

**15** Aspirate the detergent solution

**16** Flush the detergent solution (through the balloon channel)

30 sec

MAJ-222  
Suction pump  
Detergent solution

30 ml x1

30 ml x1

#### Manual Cleaning

#### Rinsing

**17** Wipe all external surfaces and leave in the detergent solution

**18** Completely immerse and gently rinse the endoscope and MAJ-222 in the water

**19** Aspirate water, air

**20** Dry the external surfaces by wiping with clean cloths

water: 30 sec  
air: 20 sec

Suction pump  
Flush water, air  
water: 30 ml x5  
air: 30 ml x5