



## Nursing Service Guidelines for Operating Room

- Title:** **REPROCESSING FLEXIBLE ENDOSCOPES: LEAK TESTING FOR OLYMPUS SCOPES**
- Responsibility:** OR Staff (RN and Scrub Tech)
- Purpose of Guidelines:** The purpose is to provide standardization for leak testing of all Olympus endoscope and identify interior and /or exterior damage to scope prior to reprocessing.

**Procedure:**

1. Clean sink
2. Leak tester

Following endoscopic procedure and pre-cleaning. Leak testing is done in Decontamination Room.

1. Wear appropriate personal protective equipment.
2. Fill sink with clean water.
3. Connect leakage tester to air source.
4. Turn ON air source and confirm that air is being emitted.
5. Attach leak tester to scope and pressurize scope for 30 second before submerging into clean water.
6. Completely immerse the scope in water.
7. Observe for 30 seconds while angulating the bending section in all directions.
8. If continuous series of bubbles emerges from any location, remove scope from the water, and follow IFU per manufacturer's instructions or Guidelines for Cleaning and High-level Disinfecting Damaged Endoscope Equipment to Send for Repair.
9. If no leak detected, remove scope from water, turn off air allowing scope to depressurize for 30 seconds,
10. Disconnect the leakage tester from scope.

Reviewed by: Tammy Helle RN, Lead Nurse

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