Section: Approval:	Division of Nursing	************ * PROCEDURE * **********	Index: Page: Issue Date:	7430.002a 1 of 2 January 12, 2005
	Н	ACKETTSTOWN COMMUNITY HO	SPITAL	
Originator: Pau	la M. Vacca, RN, CGRN	<u>Minor Procedure</u> (Scope)		
TITLE:	LEAK TESTING OF THE OLYMPUS ENDOSCOPES			
PURPOSE:	To ensure that personnel are following the same procedure in the leak testing of the endoscopes.			
SUPPORTIVE DATA:	The Olympus Endosc	cope Reprocessing Manual		
equipment List:	Personal protective e	quipment, lean water, protective cap,	maintenance unit a	and leak tester.
CONTENT: General Information	<ul> <li>PROCEDURE</li> <li>Points to Remember</li> <li>Always attach the water-resistant cap, before Immersing the endoscope.</li> </ul>		<u>Key points</u>	
	the connector m seal inside of t	the electrical connector is scratched, ay no longer be waterproof and the he cap may be scratched. If the ctor is scratched, send it immediately epairs.		
	attached to the	the water-resistant cap unless it is endoscope. Water remaining inside ant cap can be transferred to and ctrical connector.		
	bubbles emer endoscope indi means that wa inside of the e	esting, a continuous series of ging from a location on the icates a leak at that location. This iter will be able to penetrate the indoscope. If you locate a leak, loscope from the water and notify r.		
		or disconnect the water-resistant ak tester's connector cap while	enter the	) could allow water to endoscope and mage can result
Leak Test	The following steps a 1. Fill sink with wa completely imme	ater to allow the endoscope to be		
		ster connector into the output socket ice unit and turn the maintenance unit		
		e leak tester is emitting air by gently pin located inside the leak tester's		

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connector cap.

4. Attach the leak testers connector cap to the venting connector of the video cap. (see Figure 3.15)

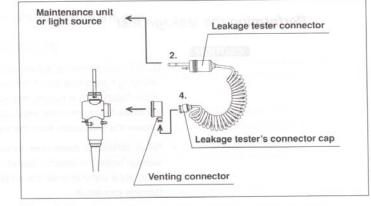


Figure 3.15

- 5. With the leak tester connected, immerse the endoscope in water and observe for approximately 30 seconds while angulating the bending section. Confirm that there is no location on the endoscope from which a continuous series of bubbles emerges.
- 6. Remove the endoscope from the sink with the leak tester attached.
- Turn the maintenance unit OFF. 7.
- Disconnect the leakage tester from the maintenance 8. unit.
- 9. Always disconnect the leak tester connector from the water-resistant cap before loosening cap. This depressurizes scope without causing any damage to scope.
- 10. Wait 30 seconds, or until the covering of the bending section contacts to its pre-expansion size. Replace water-resistant cap.
- 11. Thoroughly dry the leak tester.

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