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Mechanical Leak Test Competency Verification Checklist

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Employee Name / Title _____

Department / Date _____

Validator _____

SKILLS EVALUATION	COMPLIANT WITH POLICY	NEEDS ASSISTANCE	CORRECTION PLAN	VALIDATOR INITIALS
Wet Leak Test				
• Removes detachable parts of the scope.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Checks light guide prong and housing for tightness.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Turns on maintenance unit.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Fills sink with water to completely cover.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Attaches water resistant cap to scope.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Attaches leak tester to scope.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Insufflates scope prior to submersion assuring that bending rubber has expanded.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Flushes water through all scope channels with syringe to remove trapped air.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Observes scope for at least 90 seconds.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Angulates scope in all directions while checking bending rubber for leaks.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Angulates scope in all directions while checking biopsy channel for leaks.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Angulates scope in all directions while checking control knobs for leaks.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Angulates elevator raiser evaluating lifter and elevator	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Inspects for leaks – fluid resistant cap.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Inspects for leaks – insertion tube.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Inspects for leaks – light guide connector and tube.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Inspects for leaks – control head.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Massages all video switches with a circular motion.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Keeps scope completely submerged for entire leak test.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Removes scope from sink.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Turn off maintenance unit.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Unplug leak tester.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Disconnect leak tester from scope.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Wipes excess liquid from scope.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
• Can access procedure for further processing a scope with an identified leak.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____

(Signature) _____

For additional education on this subject, please visit http://imsready.com/education/education_selfstudy.aspx and click on *Preventing Fluid Damage to the Flexible Endoscope*.

REFERENCES

Society of Gastroenterology Nurses and Associates. (2005) SGNA standards for infection control and reprocessing of flexible gastrointestinal endoscopes Standard Guideline.

SHEA Position Paper (2003) Multi-Society Guideline for Reprocessing Flexible Gastrointestinal Endoscopes.

American Society for Testing and Materials. (2000) ASTM F 1518 – 00: Standard practice for cleaning and disinfection of flexible fiberoptic and video endoscopes used in the examination of the hollow viscera.

