


<b>Name of Policy:</b> Resert (Revital-Ox) Test <b>Policy Number:</b> 3364-106-E09 <b>Approving Officer:</b> Chief Executive Officer-UTMC <b>Responsible Agent:</b> Director of Cardiovascular Services <b>Scope:</b> University of Toledo Medical Center		 <b>Effective date:</b> 3/24/2025 <b>Original effective date:</b> 9/2000	
Key words: Echo, Echocardiography, Recert, Quality Control, Procedure			
<input type="checkbox"/>	New policy proposal	<input type="checkbox"/>	Minor/technical revision of existing policy
<input type="checkbox"/>	Major revision of existing policy	<input checked="" type="checkbox"/>	Reaffirmation of existing policy

**(A) Policy Statement**

It is imperative to use the Resert (Revital-Ox) test strips in order to assure the accurate concentration level of the Resert solution. Resert solution must be at 68 degrees F or higher to destroy all pathogenic microorganisms.

**(B) Purpose of Policy**

Quality control procedures will be performed to test the positive and negative controls of Resert test strips with each newly opened Resert bottle. Test strips are to be used to provide a means of testing concentration levels of the Resert solution before every use. The temperature of the Resert solution will be checked before every use.

**(C) Procedure**

**Quality Control Procedure-Resert test strips:**

1. First check the expiration date on the test strip bottle. Then note the date the Resert strips were opened and the “do not use after” date in the space provided on the bottle.
2. **Precautions:** Do not leave the test strip bottle open for more than 30 minutes. Keep cap tightly closed. The bottle should be stored at a controlled room temperature 15-30 degrees C (59-86degrees F) and in a dry place. Do not use after 180 days of opening the bottle.
3. To prepare the positive and negative control solutions for testing, first verify that the expiration date for the Resert solution is appropriate. This solution may be used as a positive control. Also verify the expiration date on the test strips. To prepare the negative control, dilute one part of full-strength solution with one part of water (1/2 full strength, ½ diluted). Label each control solution appropriately.
4. Following the directions for use, submerge three test strips in each of the above prepared solutions for exactly 2 seconds each. Remove. The three strips dipped in full strength positive control solution should exhibit a complete purple color at 60secs. The three strips dipped in the diluted negative control should either remain completely blue or exhibit an incomplete color change to purple when read at 60 seconds. Record results in the logbook.

**Testing Resert concentration levels:**

1. Check the expiration date on the Resert solution and pour the entire bottle into the container. Test the Resert concentration level when opening a new bottle and before every use.
2. Obtain test strip and submerge in solution for exactly 2 seconds and remove.
3. Remove excess solution by standing the strip upright on a paper towel. Do not shake strip after removal.

3364-106-E09 Resert (Revital-Ox) Test

4. Read results 60 seconds after test strip are removed from the solution. Follow strip color chart on bottle.
5. Record results in logs.
6. If reading is not at the highest level, discard the solution.
7. Discard the Resert solution after 21 days.

**Testing Resert temperature levels:**

1. Resert temperature will be checked before every use and logged.
2. The temperature must be at 68 degrees F or higher to destroy all pathogenic microorganisms.
3. If the temperature is below 68 degrees F, then the solution must be discarded.

<p>Approved by:</p> <p>/s/</p> <hr/> <p>Todd Korzec, RN, BSN Director, Cardiovascular Services</p> <p>1/31/2025</p> <hr/> <p>Date</p> <p>/s/</p> <hr/> <p>Samer J. Khouri MD Medical Director, Non-Invasive Cardiac Imaging</p> <p>3/7/2025</p> <hr/> <p>Date</p> <p>/s/</p> <hr/> <p>Christine Stesney-Ridenour, FACHE Chief Operating Officer</p> <p>3/24/2025</p> <hr/> <p>Date</p> <p><i>Review/Revision Completed by: Director, Cardiovascular Services</i></p>	<p><b>Policies Superseded by This Policy:</b></p> <ul style="list-style-type: none"><li>• <i>None</i></li></ul> <p>Initial effective date: 9/2000</p> <p>Review/Revision Date:</p> <p>3/02 5/02 5/04 5/07 1/09 8/25/2010 9/08/2011 6/2013 3/2016 9/2018 10/2019 3/2022 3/24/25</p> <p>Next review date: 3/24/2028</p>
--	---