Origination:	*N/A*
Effective:	*Upon Approval*
Final Approved:	*N/A*
Last Revised:	*N/A*
Next Review:	*2 years after approval*
Owner:	*Nadera Poirier: Spvr, Transfusion Services*
Policy Area:	*Lab - Transfusion Service*
References:	
Applicability:	*Sutter Roseville Medical Center*

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Resulting Tests Using the ECHO Interface TS.ANA 09.15-RV

Resulting Tests Using the Echo Interface

Purpose	The purpose of this procedure is to provide instructions on the use of the interface for resulting Transfusion Service tests performed on the Echo analyzer.
Policy	• Whenever functional, the interface will be used to result the following tests performed on the Echo Analyzer : ABORh, AS, DIGGO, CORDBA, TS, XM, ERUXM, unit confirmation (except when transferred from another affiliate or one of multiple parts) and TSPN • Antibody Identification, antigen typing, Weak D Test and XMSPH are not defined in the interface and should be manually entered into the computer system. • Due to the need to ND the reverse type on test INWU, this test will be manually entered rather than transmitted across the interface. • All results manually entered will be transcribed from the Echo print out. • Results requiring modification must be edited in the analyzer prior to being transmitted.
Procedure: Approving Results	At the conclusion of the test run, perform review of results according to *Reviewing Echo Test Results* procedure.

Stage	Description
1.	Select the result or batch from the **Results Panel**.
2.	Press the **Approve Results** button on the **Results Bar** to approve the selected results. *Note: An information balloon message is displayed briefly to indicate that the selected result was approved. The approve symbol appears next to the approved results in the Results Panel.*
3.	If results approved in error, press the **Approve Results** button on the **Results Bar** for a second time to deselect results.

Procedure: Exporting (transmitting) Results	Results must be approved before they can be exported to the LIS

Step	Action
1.	Select the result or batch from the **Results Panel**.

2.	With the LIS switched on and active, press the **Export Results** button on the **Results Bar** to export results.
	*Note: The export symbol appears next to the exported results in the **Results Panel**.*

Procedure: Alternate Method	The following is an alternate method to View, Edit, Approve or Export Results

Step	Action
1.	Select the sample ID in the results tree of the **Results Panel**, hold the cursor over that required ID and then right-click over that sample ID
2.	Click to select **View**, **Edit**, **Approve,** or **Export** when the submenu is displayed.

Procedure: Resulting patient tests	

Step	Action	
1.	Open the Blood Order Processing folder in Sunquest Gateway.	
2.	Using the bar code reader, scan the CID label attached to the patient specimen.	
3.	Verify that the patient name, medical record number and BB armband (if applicable), displayed on the computer screen matches the primary EPIC label on the tube.	
4.	Click the Patient Specimen Tab.	
5.	Review the results displayed in the pop up box for missing or discrepant results or questionable interpretations	

	If:	Then:
	No missing or discrepant results or questionable interpretations	• Click Load
	Missing or equivocal results or questionable interpretations	• Click Cancel
		• Cancel at patient testing screen
		• Perform OFC in Roll and Scroll for appropriate instrument interface
		• Modify results in Echo as needed
		• Click Approve
		• Click Export icon to retransmit results

6.	Review imported results	

	If:	Then:
	All imported results are acceptable	• Skip to next step
	Any test result needs to be removed	• Highlight test
		• Click Reject Echo Results
		• Repeat testing
	Grid results are correct but Interpretation needs to be changed for tests other than Rh	• Highlight interpretation in grid reaction
		• Click delete
		• Click Accept button

			• Change Interpretation • Click Accept button
	Grid results are correct but Interpretation needs to be changed for Rh		• Highlight interpretation in grid reaction • Click delete • Click Accept button • Replace Rh interpretation with ETC RHDU • If molecular testing not previously performed on woman of <50 years of age add BBC and result with RHSO

7.	Complete history, armband and units ordered fields as needed	
	If:	**Then:**
	No previous history on RV event of EPIC MRN	Add quick key test T or ETC ARC in Add Specimen Test box.
	If previous history on RV event of EPIC MRN	Proceed to next step

8.	Allocate units, order additional tests and complete testing results as indicated.
9.	Click Save prior to exiting patient screen.

Procedure: Resulting Unit Confirmation

Step	Action
1.	Open BB Instruments in the Blood Bank Tab of Sunquest Gateway.
2.	Select appropriate instrument interface for unit testing from the Configuration drop down menu.
3.	Review cup results.
4.	Compare the number of units tested to the number of cup results.

	If:	**Then:**
	Number of cups is greater than or equal to number of units tested	• Proceed to step 5
	Less cup results than units tested	• Compare unit numbers from tubes to cup results to determine which results are missing • Perform manual confirmations on units with missing results

5.	Select cups to be approved	
	If:	**Then:**
	Results are highlighted in red or have a Y in the flag column	• Do Not select cup results for approval • Repeat testing using manual tube confirmation

		Results are not highlighted and do not have a Y in the Flag column	• Click to box next to the cup number	
	6.	Click OK		
	7.	Results automatically populate ARC test fields and file in Blood Product Testing.		
	8.	If any cups on run were rejected, perform OFC for appropriate instrument interface at end of run.		
	9.	Move units tested from the test area to appropriate inventory shelf.		
Related Documents		Processing Assays on the Echo Analyzer Reviewing Echo Test Results		

All revision dates:

Attachments

No Attachments

Approval Signatures

Step Description	Approver	Date
Laboratory Director	Lindsey Westerbeck: Dir, Lab	pending