



**Stanton Territorial Hospital**  
P.O. Box 10, 550 Byrne Road  
YELLOWKNIFE NT X1A 2N1

**Document Name:**  
Resulting Positive Blood Culture Vial-Inuvik Job Aid

**Document Number:**  
MIC10800

**Distribution:**  
Microbiology Culture Manual

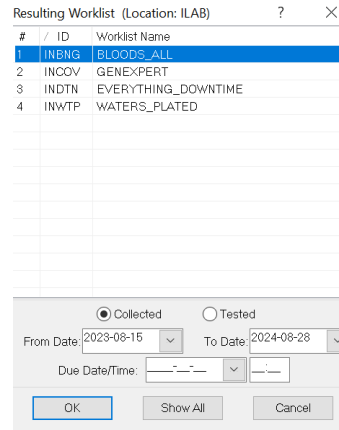
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August 28, 2024

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1. When the BACTEC instrument alarms positive, remove the positive vial(s)

2. In SoftMic:

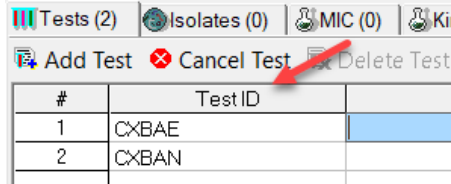
- Select **Resulting Worklist**
- Select the worklist **BLOODS\_ALL** and select **OK**:



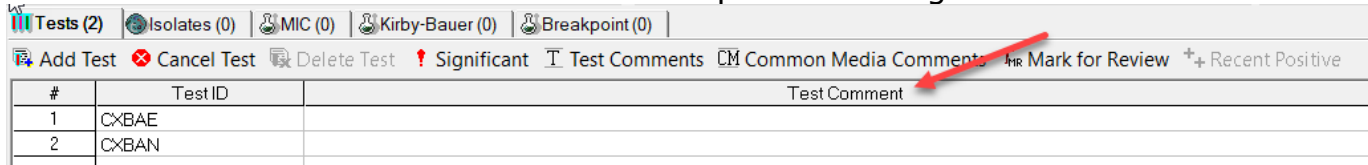
- Scan the LIS barcode on the vial to mark the order
- Select enter again to open **Result Entry** or double click on accession number to open

3. Micro Result Entry will open:

- Choose the correct **TEST ID** based on which vial went positive, CXBAE, CXBAN or CXBPE:



- Double click in the **Test Comment** window to open the dialogue box:



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- Using the **IXBLD** keypad, select **Key 3** to add the appropriate test comment:

- Select **OK**

4. The **Standard Deviation Rule Violation** window will appear:

Item	Components	Rule ID	Rule Name	Action	Action Value	More	Status
1	Test Id 1,CXBAE	IPOSBLD	Inuvik Positive Blood Culture	Call	Call provider and document call in Call Box in Result Entry	Yes	
2	Test Id 1,CXBAE	IPOSBLD	Inuvik Positive Blood Culture	Significant		Yes	

- This is to alert the user this is a critical result and needs to be phoned to the ordering provider and will cause the vial to flag as a significant order
- Select **OK**. This will flag the order as significant and will add a ✓ in the significant order column:

#	Test ID	Significant	Test Comment	M	+	I
1	CXBAE	N	further workup.	M	✓	
2	CXBAN					

5. Repeat for each vial in the set that went positive, if applicable

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6. Call the results to the ward/physician and log the call using the **CALL** box function:

The screenshot shows a patient record for LAURA TEST. A 'Call' dialog box is open, allowing the user to log a call. The dialog includes fields for patient name, MRN, and doctor. The 'Called' checkbox is checked, and the 'Person/Msg' dropdown is set to 'Microbiology results called to: DUMD'. The 'OK' button is highlighted with a red circle 4.

- 1 Select the **Call** box
- 2 Select the **Called** box and ensure it is checked
- 3 Use the drop-down arrow to select the **Microbiology results called to:** enter the name of person called
- 4 Select **OK**

7. Set the status of the order as **Final** for each vial that went positive:

	Final Date	Time	Tech
<input type="button" value="^F"/>	2024-08-01	08:18	LMS2

➤ Select the **^F** button to change status of order to Final

**NOTE:** Do **NOT** change the status of the vial that was not positive, if applicable

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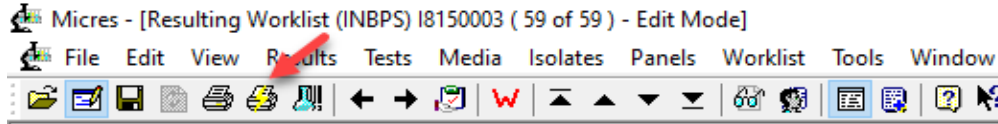
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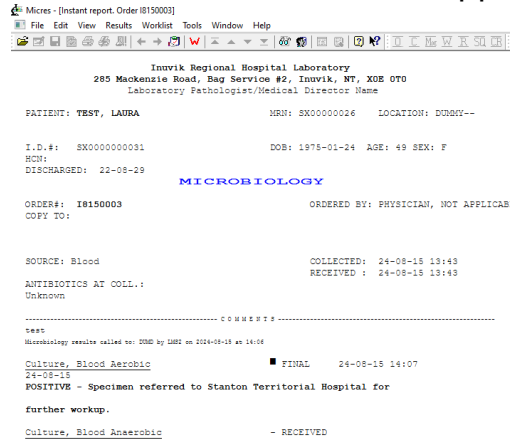
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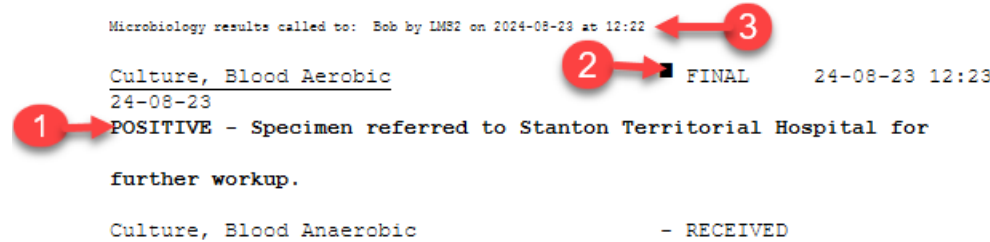
8. Select **Preview Instant Report** before saving to ensure report is accurate:



**NOTE:** The **Standard Deviation Rule Violation** window will appear again, select **OK**



9. Verify the report looks correct. This includes:



1 POSITIVE and referred to Stanton comment has been added

2 CX order for positive vial is FINAL

3 Call comment is documented on the report

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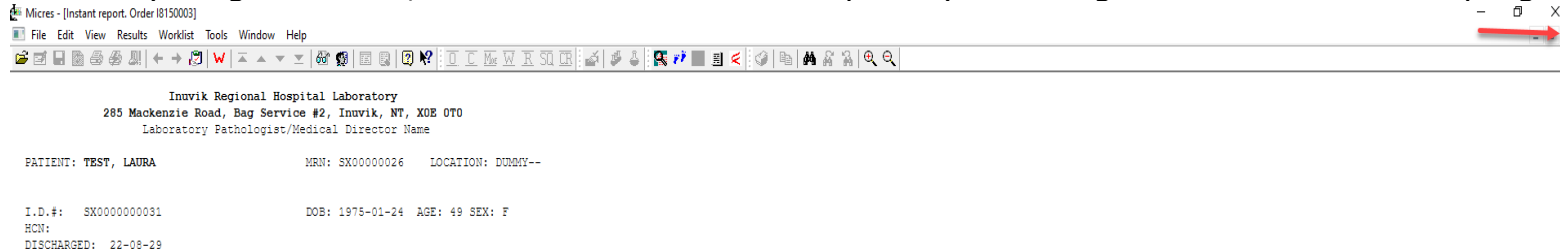
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10. If everything is correct, close out of the instant report by selecting the **small x** in the top right:



11. On the toolbar, select **Run Order Entry** button on the toolbar:



- The **Standard Deviation Rule Violation** window will appear again, select **OK**
- The **Resulting Worklist** dialogue box will appear asking if you want to save the changes, select **Yes**
- This will take you to **Order Entry**

12. Print a copy of the CX order requisition:

- In SoftMedia at the bottom of the screen, select the requisition in the Documents folder



- Print the requisition using the Print button on the right side of the SoftMedia:



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13. In Order Entry select **Add next order** button on the toolbar:



- The **Order Entry** dialogue box will appear, asking if you want to save the changes, select **No**
- This will take you to the **Order Entry-[New Order]** screen

14. In the new order, order the referral test code **REBAE** (if aerobic vial is positive), **REBAN** (if anaerobic vial is positive) or **REBPE** (if pediatric vial is positive)

**NOTE:** If more than 1 vial in the set is positive, order each vial separately

- The Source will automatically default to **BLOOD**
- Using the printed copy of the specimen requisition, enter the original collection and receive date and time and antibiotic therapy indicated

15. In **Micro OE Comments**, select **Key 3** to add the "**Submitting Lab Specimen ID:**"

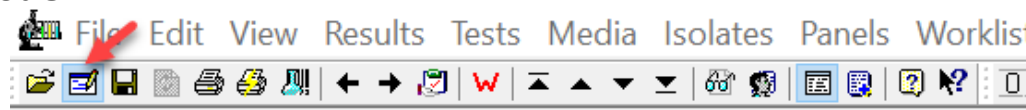
- Add in the original (CX order) accession number of the blood culture vial

16. Save the order and print new labels for the RE order:

- The **Order Entry** dialogue box will appear asking if you want to save the changes you made to the order, select **Yes**
- The **Standard Label** dialogue box will appear asking if you want to print labels, select **OK**
- Re-label the blood culture vial with the new RE LIS labels
- Close out of the added order by selecting the X on the Search dialogue box and the X on the Order Entry screen
- This will return you to the original order

17. Save the original CX order:

- Select **Edit Mode:**



- The **Standard Deviation Rule Violation** dialogue box will appear, select **OK**

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- Select **Save** in the top tool bar to save the order



- The **Standard Deviation Rule Violation** dialogue box will appear, select **OK**
- The **Resulting Worklist** save confirmation box will appear, select **Yes**

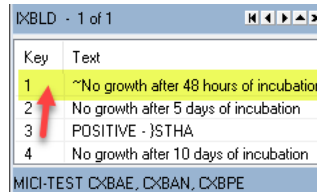
**NOTE:** If the positive vial is part of a set, the CX order for the remaining negative bottle will continue to appear on the **BLOODS\_ALL** worklist until it is finalized at 5 days

18. Package the sample as per TDG standards and refer to the Stanton Laboratory:

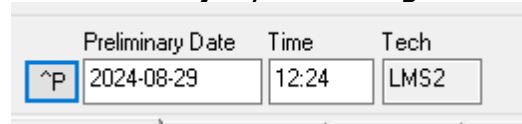
- Place in individual biohazard bag with an absorbent sheet
- Place biohazard bag in the Room Temperature inner leakproof polybag
- When all room temperature microbiology samples are added to the leakproof polybag, place in the secondary pressure vessel bag
- Refer to MIC10700-Packaging Microbiology Samples for Shipment to Stanton Territorial Hospital

19. Continue to monitor other vial in set if applicable:

- Since one vial was flagged as positive in the LIS, no preliminary or final reports will be auto-resulted by the LIS
- Refer to MIC36800-Checking the Negative Blood Culture Worklist for monitoring blood culture vials
- After 48 hours of incubation, using the **XBLED** keypad, select **Key 1** to add the preliminary "No growth after 48 hours of incubation" comment and select **OK**:



- Set the status of the order as **Preliminary** by selecting the **^P** button



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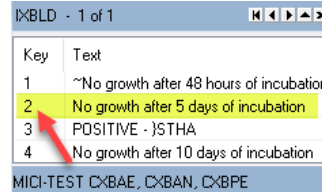
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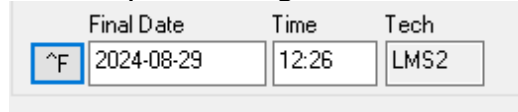
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- After 5 days of incubation, using the **IXBLD** keypad, select **Key 2** to add the final "No growth after 5 days of incubation" comment and select **OK**:



- Set the status of the order as **Final** by selecting the **^F** button:



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