



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

Document Name:
Resulting Positive Blood Culture Bottle-Inuvik Job Aid

Distribution:
Microbiology Culture Manual

Document Number:
MIC10800

Date Issued:
August 28, 2024

Uncontrolled When Printed

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

2. In SoftMic:

- Select **Resulting Worklist**
- Select the worklist **BLOODS_ALL** and select **OK**:

#	ID	Worklist Name
1	INBNG	BLOODS_ALL
2	INCOV	GENEXPERT
3	INDTN	EVERYTHING_DOWNTIME
4	INWTP	WATERS_PLATED

☒ Collected ☐ Tested

From Date: 2023-08-15 To Date: 2024-08-28

Due Date/Time: --:--:--

OK Show All Cancel

- Scan the LIS barcode on the bottle 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 bottle went positive, CXBAE, CXBAN or CXBPE:

Tests (2) Isolates (0) MIC (0) Kirby-Bauer (0) Breakpoint (0)

Add Test Cancel Test Delete Test

#	TestID	
1	CXBAE	
2	CXBAN	

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

Tests (2) Isolates (0) MIC (0) Kirby-Bauer (0) Breakpoint (0)

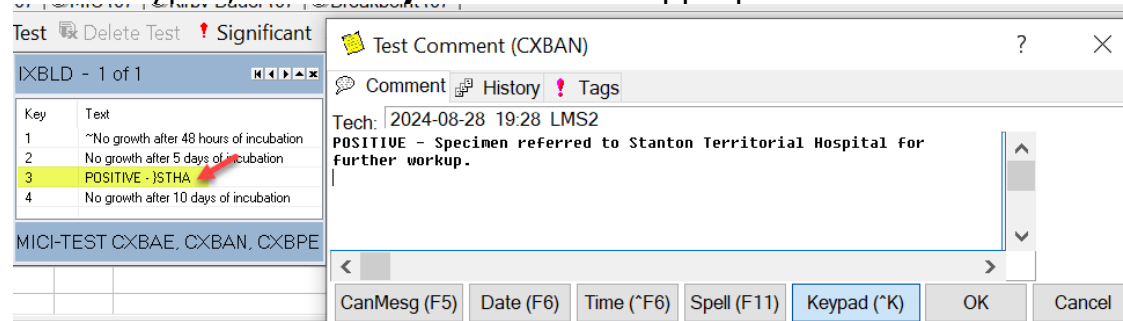
Add Test Cancel Test Delete Test Significant Test Comments Common Media Comments Mark for Review Recent Positive

#	TestID	Test Comment
1	CXBAE	
2	CXBAN	

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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
3							
4							
5							
6							
7							
8							
9							

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

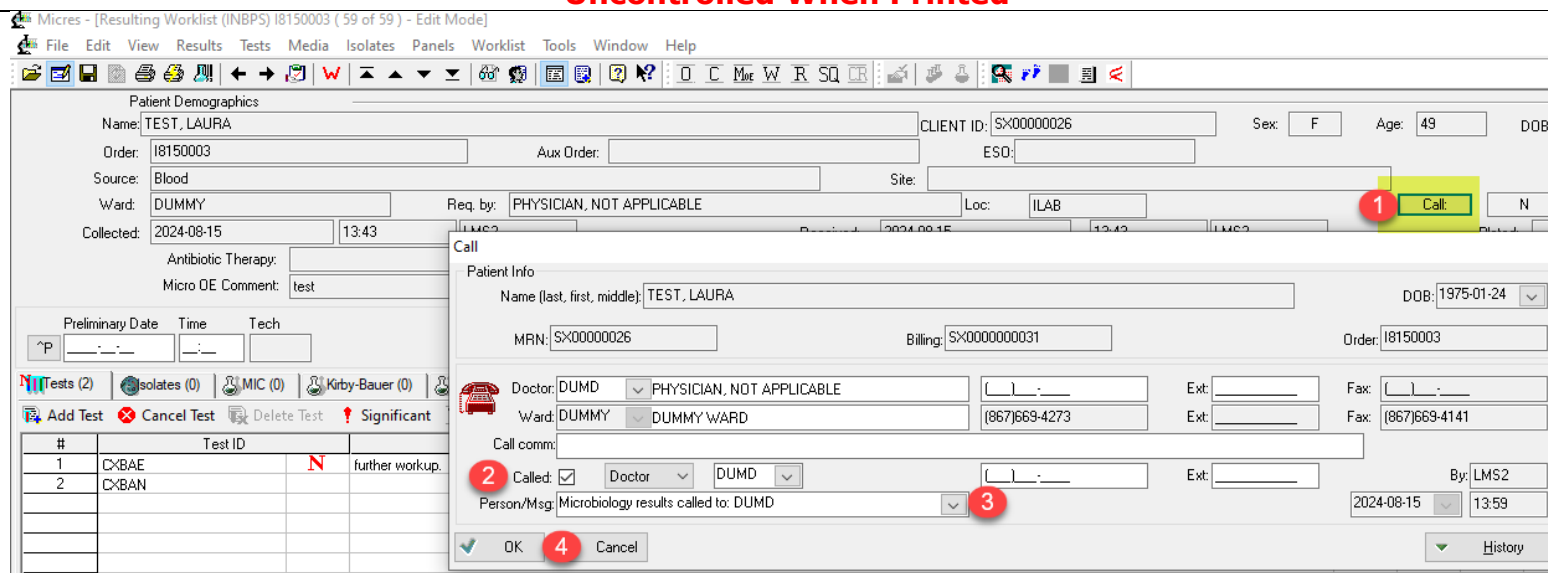
#	Test ID	Test Comment	M	+	I
1	CXBAE	further workup.	M	✓	
2	CXBAN				

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

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

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The screenshot shows the Micres software interface. The 'Patient Demographics' section displays patient information for TEST, LAURA. A 'Call' dialog box is open, showing patient info and a 'Called' checkbox. Red numbered callouts indicate the following steps:

1. Select the **Call** box (highlighted in green).
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**.

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 bottle that went positive:

	Final Date	Time	Tech
^F	2024-08-01	08:18	LMS2

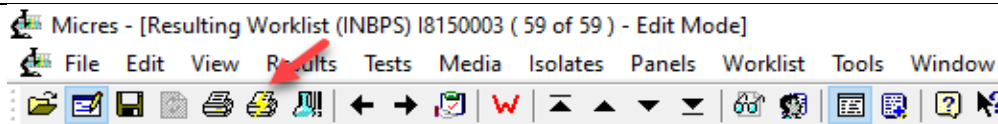
➤ Select the **^F** button to change status of order to Final

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

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

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

Micres - [Resulting Worklist (INBPS) I8150003 (59 of 59) - Edit Mode]

File Edit View Results Tests Media Isolates Panels Worklist Tools Window

Micres - (Instant report, Order I8150003)

File Edit View Results Worklist Tools Window Help

Inuvik Regional Hospital Laboratory
285 Mackenzie Road, Bag Service #2, Inuvik, NT, X0E 0T0
Laboratory Pathologist/Medical Director Name

PATIENT: TEST, LAURA MRN: SX00000026 LOCATION: DUNSMY--

I.D.#: SX0000000031 DOB: 1975-01-24 AGE: 49 SEX: F

BCN: DISCHARGED: 22-08-29

MICROBIOLOGY

ORDER#: I8150003 ORDERED BY: PHYSICIAN, NOT APPLICABLE

COPY TO:

SOURCE: Blood COLLECTED: 24-08-23 13:43

ANTIBIOTICS AT COLL.: RECEIVED: 24-08-23 13:43

Unknown

----- COMMENTS -----

test
Microbiology results called to: SMS by SMS on 2024-08-23 at 14:06

Culture, Blood Aerobic ■ FINAL 24-08-23 14:07

24-08-23

POSITIVE - Specimen referred to Stanton Territorial Hospital for further workup.

Culture, Blood Anaerobic - RECEIVED

9. Verify the report looks correct. This includes:

Microbiology results called to: Bob by SMS on 2024-08-23 at 12:22

Culture, Blood Aerobic

24-08-23

POSITIVE - Specimen referred to Stanton Territorial Hospital for further workup.

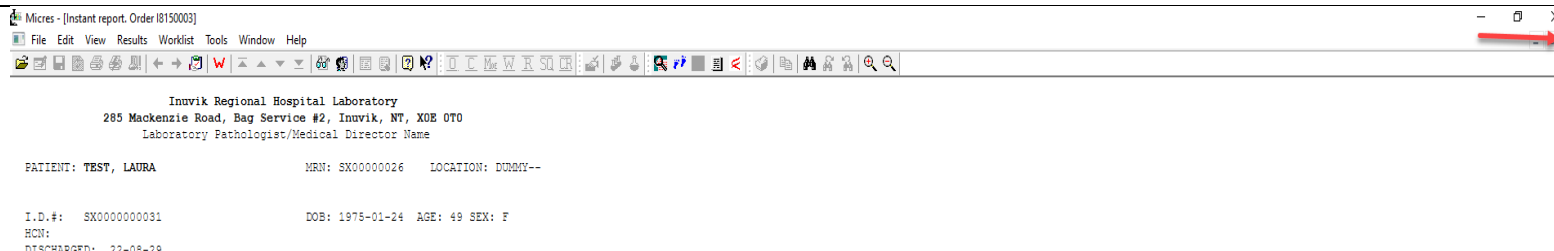
Culture, Blood Anaerobic - RECEIVED

- 1 POSITIVE and referred to Stanton comment has been added
- 2 CX order for positive bottle is FINAL
- 3 Call comment is documented on the report

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

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



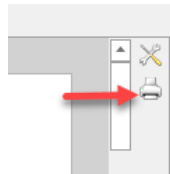
- The **Standard Deviation Rule Violation** window will appear again, select **OK**
- The **Resulting Worklist** dialogue box will appear asking if you want to save the changes, select **Yes**
- This will take you to **Order Entry**

12. Print a copy of the CX order requisition:

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



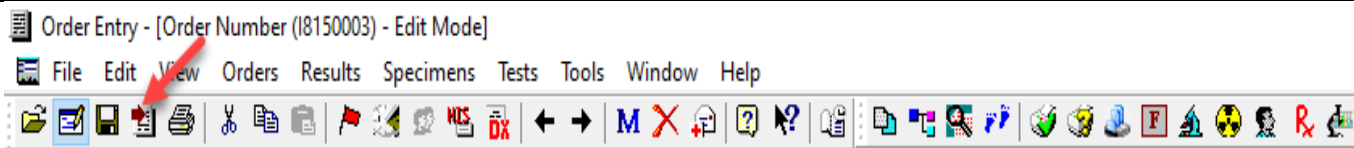
- Print the requisition using the Print button on the right side of the SoftMedia:



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

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- 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 bottle is positive), **REBAN** (if anaerobic bottle is positive) or **REBPE** (if pediatric bottle is positive)

NOTE: If more than 1 bottle in the set is positive, order each bottle 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:**"

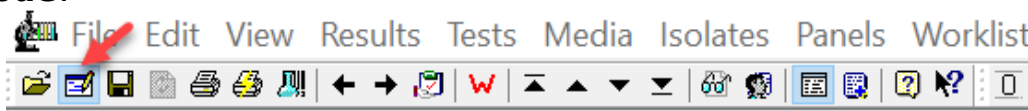
- Add in the original (CX order) accession number of the blood culture bottle

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

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Micres - [Resulting Worklist (INBPS) I8230000 (83 of 84) - Edit Mode]

File Edit View Results Tests Media Isolates Panels Worklist Tools Window Help

➤ 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 bottle in set if applicable:

- Since one bottle 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 bottles
- After 48 hours of incubation, using the **IXBLD** keypad, select **Key 1** to add the preliminary "No growth after 48 hours of incubation" comment and select **OK**:

IXBLD - 1 of 1

Key	Text
1	~No growth after 48 hours of incubation
2	No growth after 5 days of incubation
3	POSITIVE - }STHA
4	No growth after 10 days of incubation

MICI-TEST CXB AE, CXBAN, CXBPE

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

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	Preliminary Date	Time	Tech
<input type="button" value="P"/>	2024-08-29	12:24	LMS2

- 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**:

Key	Text
1	No growth after 48 hours of incubation
2	No growth after 5 days of incubation
3	POSITIVE - JSTHA
4	No growth after 10 days of incubation

MIC-TEST CXBAC, CXBAN, CXBPE

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

	Final Date	Time	Tech
<input type="button" value="F"/>	2024-08-29	12:26	LMS2

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FILENAME: MIC10800-Resulting Positive Blood Culture-Inuvik Job Aid

PRINT DATE: 5/4/2025 4:33:00 PM