

DOCUMENT TITLE:  MediCopia Handheld Device (Zebra TC52)-Routine Use			

### MediCopia Handheld Device (Zebra TC52)-Routine Use

### **Purpose**

This procedure provides instructions for the use of the MediCopia application and Zebra TC52 handheld devices for collection of blood specimens.

### Scope

This procedure is intended for staff who collect Inpatient/Emergency Room blood samples.

### **Policy**

- The patient's barcoded wristband must be scanned when using the MediCopia application to ensure positive patient identification.
- Specimen containers or tubes must be labeled after specimen collection and while at the patient's bedside
  - If the patient is in isolation the specimen(s) are labeled immediately after leaving the room.

### **Equipment**



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## MediCopia Handheld Device (Zebra TC52)-Routine Use,

Continued

Equipment, continued



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# MediCopia Handheld Device (Zebra TC52)-Routine Use, Continued

Equipment, continued



## MediCopia Handheld Device (Zebra TC52)-Routine Use,

Continued

## Equipment, continued

Printer battery charger



### Safety or Special Safety Precautions

- Keep the handheld device clean by avoiding contact with blood or body fluids.
- Wipe down the outside of the unit if there is any spill.
- When entering an isolation room place the device in a clear zip lock bag to avoid contamination of the unit or the patient's room.
  - If the MediCopia application is present on the room's workstation with an associated label printer, it may be used.
- Refer to Attachment A: How to Disinfect and Clean the Mobile Device/Zebra Printer

Refer to the safety manual for general safety requirements.

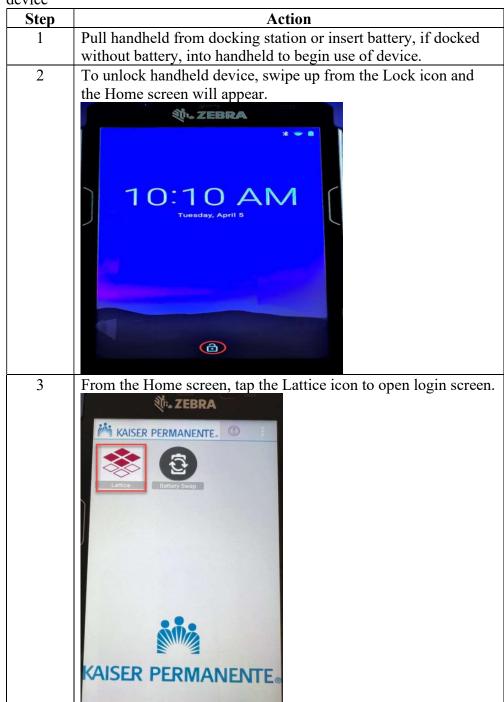
SCPMG Laboratory Systems PreAnalytic Processing Procedure

## MediCopia Handheld Device (Zebra TC52)-Routine Use,

Continued

Procedure-Set up and Login

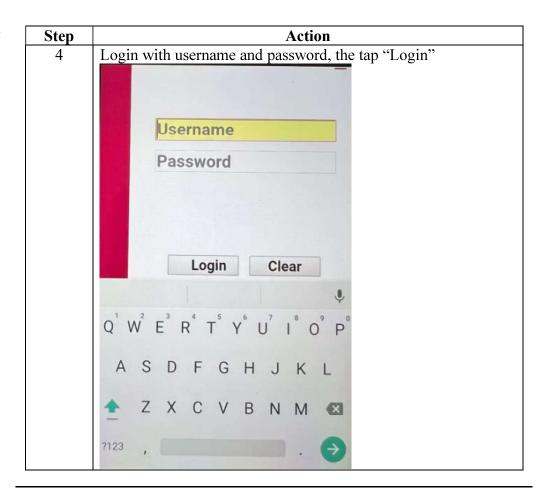
Follow the steps below to Set-up and Login of the MediCopia handheld device



## MediCopia Handheld Device (Zebra TC52)-Routine Use,

Continued

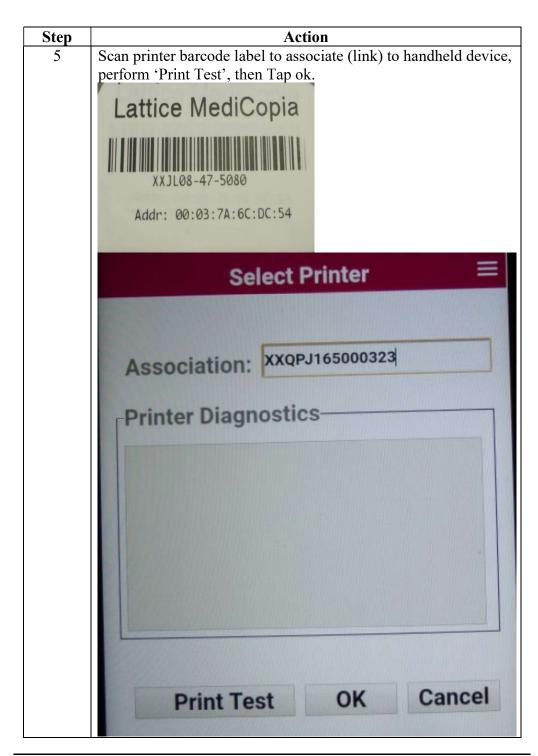
Procedure-Set up and Login, continued



## MediCopia Handheld Device (Zebra TC52)-Routine Use,

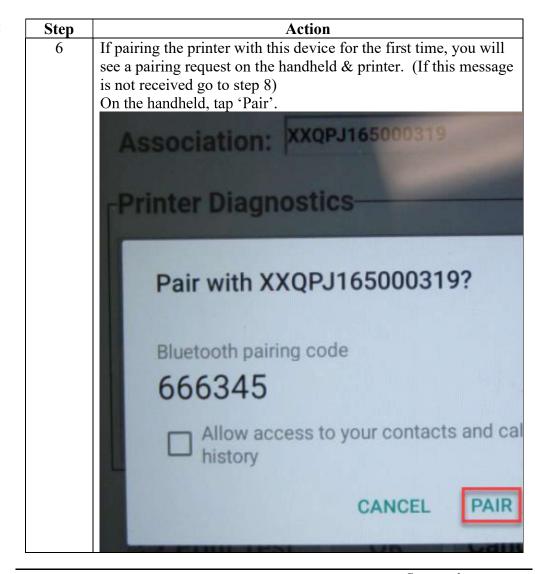
Continued

Procedure-Set up and Login, continued



# MediCopia Handheld Device (Zebra TC52)-Routine Use, Continued

Procedure-Set up and Login, continued

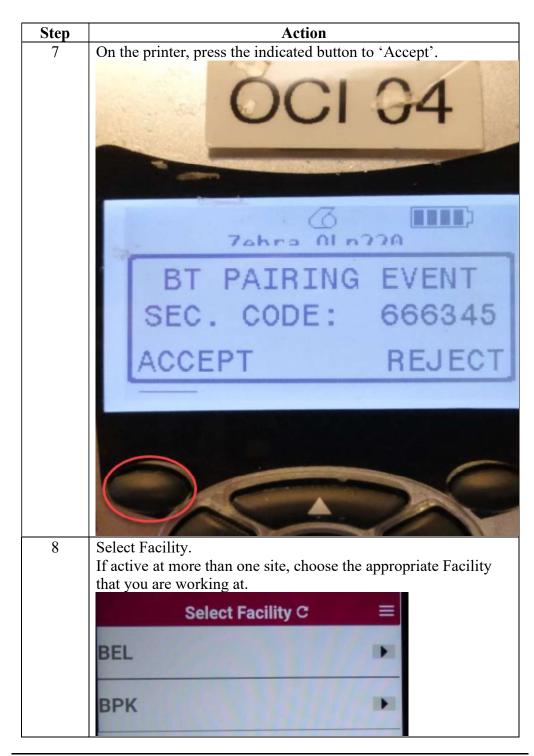


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## MediCopia Handheld Device (Zebra TC52)-Routine Use,

Continued

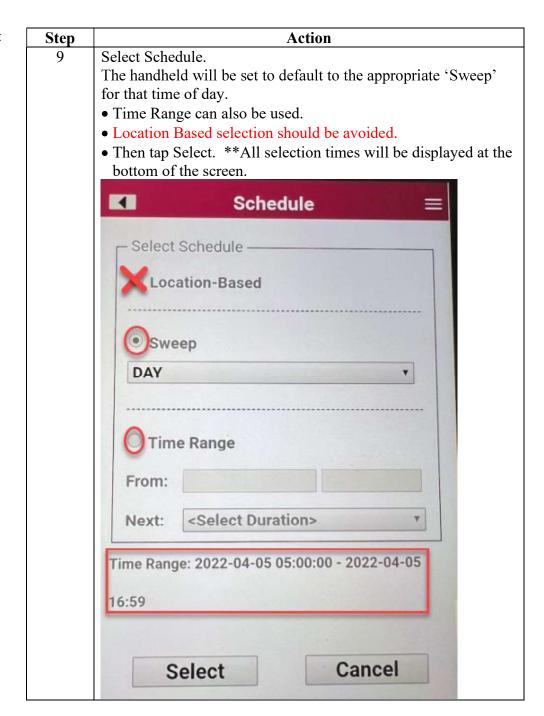
Procedure-Set up and Login, continued



## MediCopia Handheld Device (Zebra TC52)-Routine Use,

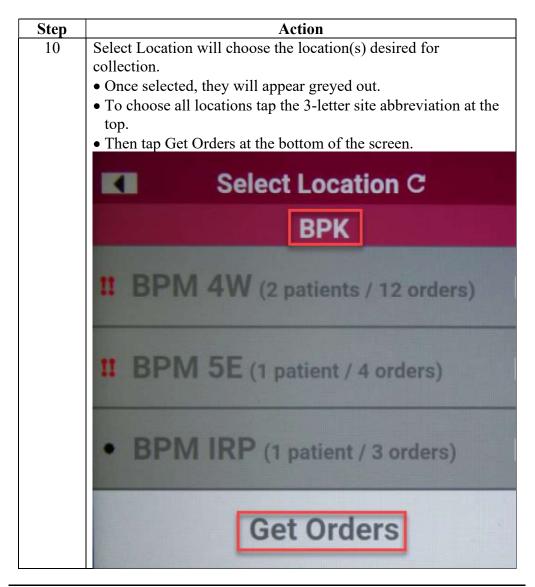
Continued

Procedure-Set up and Login, continued



# MediCopia Handheld Device (Zebra TC52)-Routine Use, Continued

Procedure-Set up and Login, continued



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## MediCopia Handheld Device (Zebra TC52)-Routine Use,

Continued

Procedure-Patient Orders and Collection Refer to the steps below for management of patient orders and collection of specimens

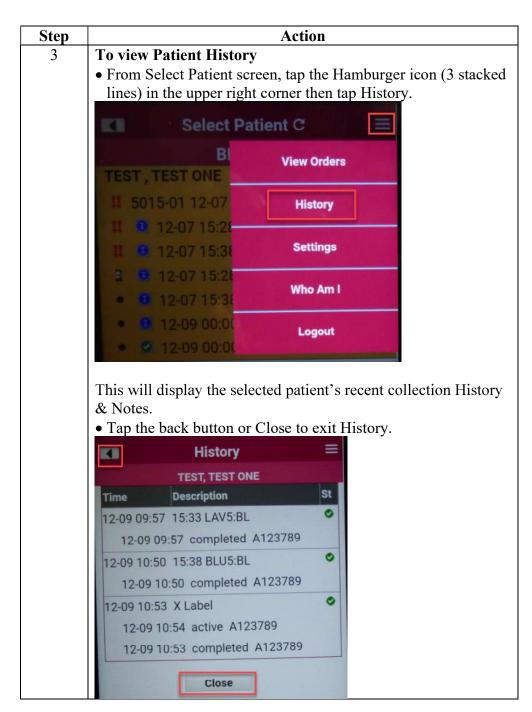
Step Step	Action		
1	Refer to the following Attachments at end of document for		
	detailed instructions on routine use:		
	• Attachment B: Time Selection/Locations		
	Attachment C: MediCopia Symbols		
	• Attachment D: Navigation in Task Tab		
	• Attachment E: Order Filter		
	• Attachment F: Navigation for Icons		
	• Attachment G: Rainbow/"X" Label		
	Attachment H: Change Scheduled Time		
	Attachment I: Instant Messaging		
	Attachment J: Reschedule		
	• Attachment K: Notes		
2	To view patient orders on the Select Patient screen, prior to collection, tap the patient and their current orders will expand to see all tests, containers, priority, and scheduled time.  Select Patient C		
	TEST , TEST ONE [000063133178]		
	# 5015-01 [04-05 12:24] (Orders: 6)		
	# 04-05 12:24 - PST4:[1]: BUNGL, Creat GL, RBS GL, AST GL, Mg GL, Phos		
	GL, Lytes GL, ALP GL [P]		
	22094698441		
	# 9 04-05 12:34 - BC:BL[2]: CBlood [P]		
	22094698446		
	3 04-05 12:24 - PST4:[1]: Troponinl GL		
	[P] 22094698447		
	• 04-05 12:34 - Pink:[1]: ABORH,Ab		
	Screen 2-Gel [P] 22094698442		
	• 04-05 12:34 - BLU5:[1]: INR [P]		
	22094698445		
	• 04-05 12:44 - UR25:[1]: UANoMicro		
	[N] 22094698443		

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## MediCopia Handheld Device (Zebra TC52)-Routine Use,

Continued

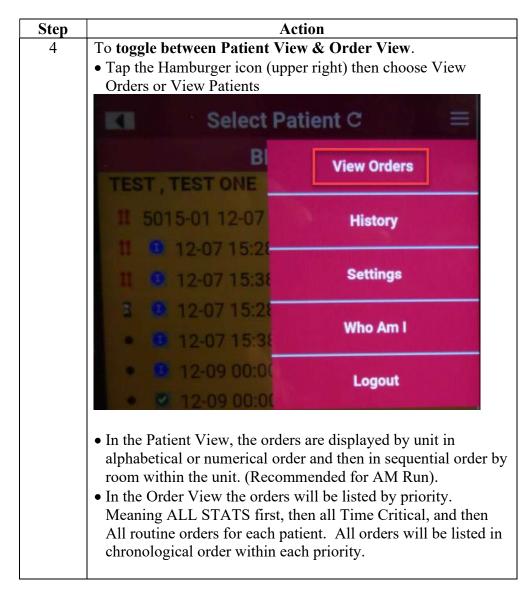
Procedure-Patient Orders and Collection, continued



## MediCopia Handheld Device (Zebra TC52)-Routine Use,

Continued

Procedure-Patient Orders and Collection, continued

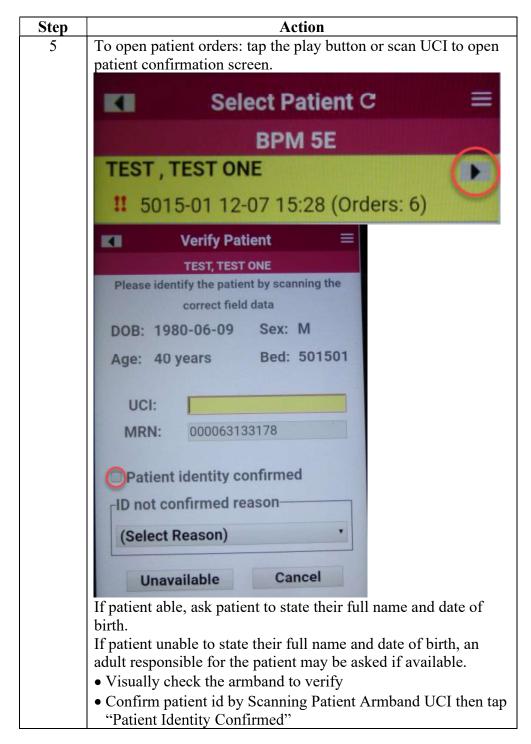


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## MediCopia Handheld Device (Zebra TC52)-Routine Use,

Continued

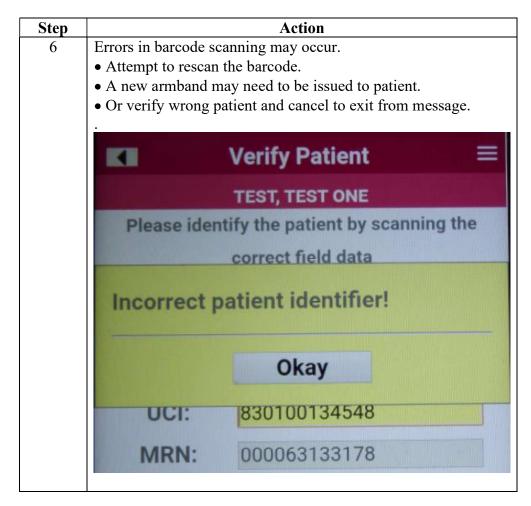
Procedure-Patient Orders and Collection, continued



## MediCopia Handheld Device (Zebra TC52)-Routine Use,

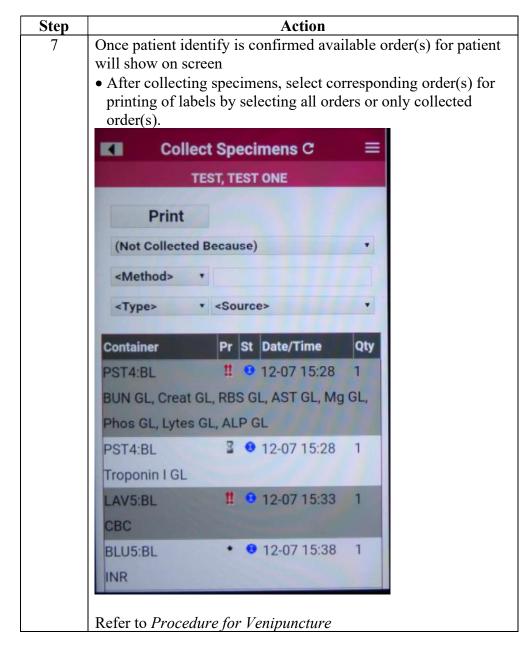
Continued

Procedure-Patient Orders and Collection, continued



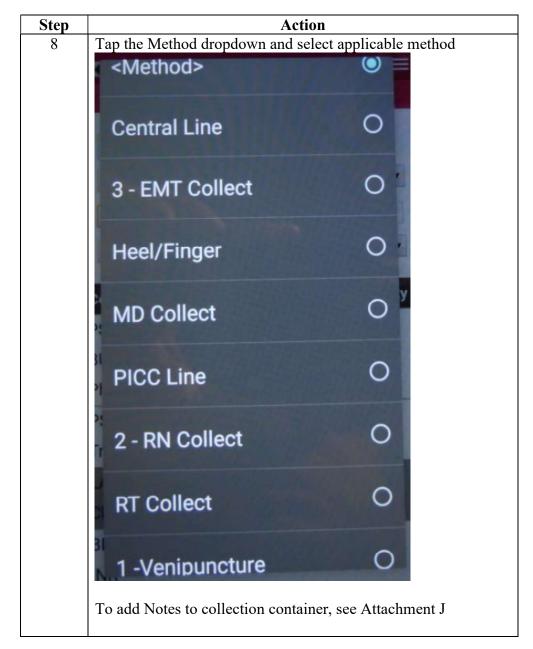
# MediCopia Handheld Device (Zebra TC52)-Routine Use, Continued

Procedure-Patient Orders and Collection, continued



# MediCopia Handheld Device (Zebra TC52)-Routine Use, Continued

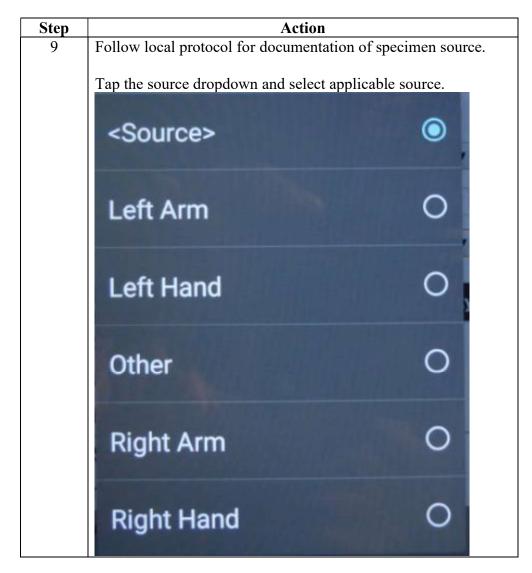
Procedure-Patient Orders and Collection, continued



## MediCopia Handheld Device (Zebra TC52)-Routine Use,

Continued

Procedure-Patient Orders and Collection, continued

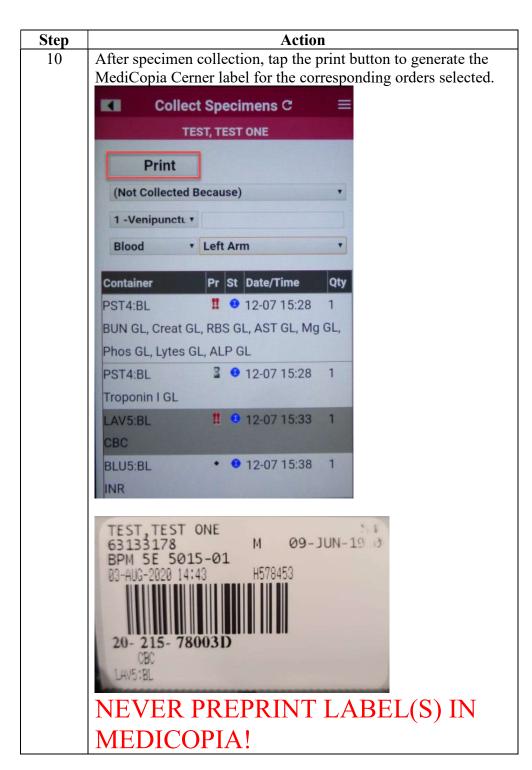


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## MediCopia Handheld Device (Zebra TC52)-Routine Use,

Continued

Procedure-Patient Orders and Collection, continued

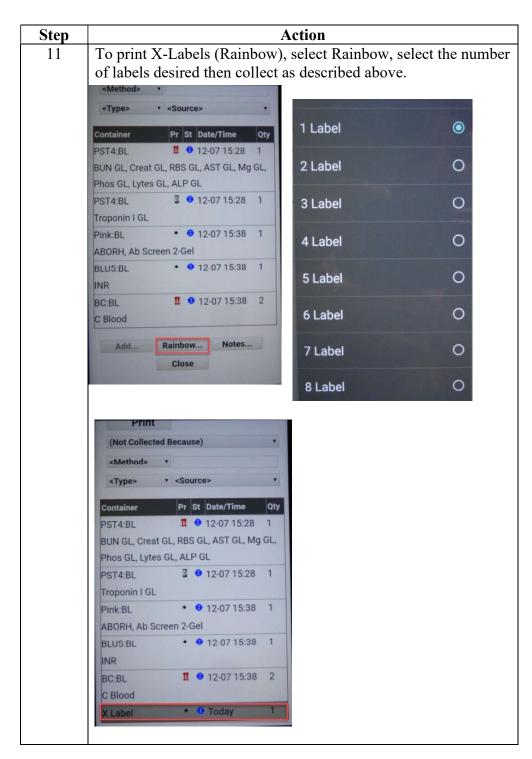


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## MediCopia Handheld Device (Zebra TC52)-Routine Use,

Continued

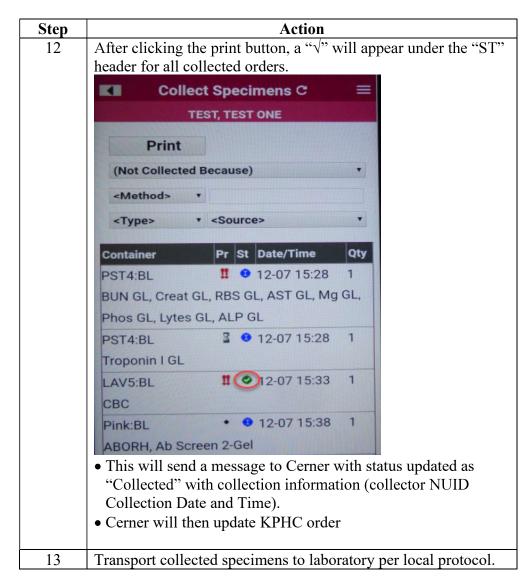
Procedure-Patient Orders and Collection, continued



## MediCopia Handheld Device (Zebra TC52)-Routine Use,

Continued

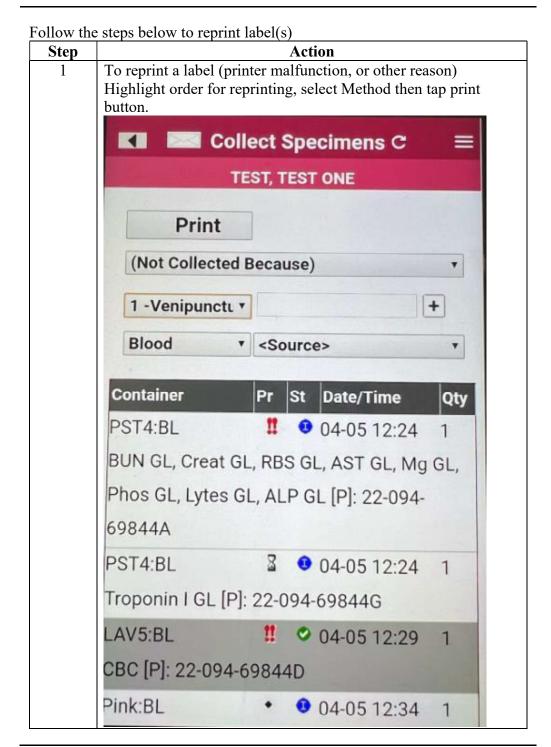
Procedure-Patient Orders and Collection, continued



## MediCopia Handheld Device (Zebra TC52)-Routine Use,

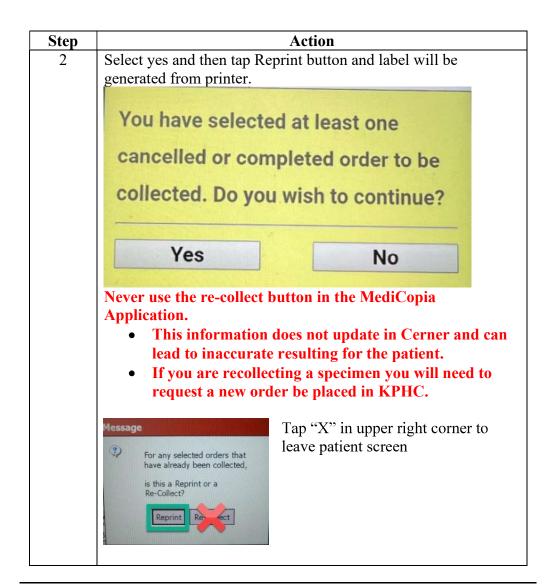
Continued

Procedure-Reprinting label(s)



# MediCopia Handheld Device (Zebra TC52)-Routine Use, Continued

Procedure-Reprinting label(s), continued



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## MediCopia Handheld Device (Zebra TC52)-Routine Use,

Continued

# **Controlled Documents**

The following controlled documents support this procedure.

Procedure for Venipuncture		
MediCopia Administrator Website		
Attachment A: How to Disinfect and Clean the Mobile Device/Zebra		
Printer		
Attachment B: Time Selection/Locations		
Attachment C: MediCopia Symbols		
Attachment D: Navigation in Task Tab		
Attachment E: Order Filter		
Attachment F: Navigation for Icons		
Attachment G: Rainbow/"X" Label		
Attachment H: Change Scheduled Time		
Attachment I: Instant Messaging		
Attachment J: Reschedule		
Attachment K: Notes		

# Non-Controlled Documents

The following non-controlled documents support this procedure.

MediCopia User Reference Guide

### Authors

- Preanalytical Processing Work Group
- David Lucas, MediCopia Systems Administrator
- Jabir Bekele, MediCopia Systems Administrator

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## Attachment A: How to disinfect and Clean the Mobile Device/Zebra Printer

**Approved Cleaning Agent Ingredients** 

The cleaning agents used to disinfect and clean the printer must contain one of the active ingredients listed below:

- Isopropyl and Ethyl alcohol (including wipes)
- Ammonium
- Hydrogen peroxide
- Phosphoric acid
- Bleach/sodium hypochlorite

• Mild dish soap

Note: It may be dangerous to combine some or all of the chemicals listed above. As such, always follow the prescribed directions on the approved cleaning agent from the list below.

### **Approved Cleaning Agents** Alcohols:

- Ethanol (ethyl alcohol)
- Isopropanol (isopropyl alcohol; IPA) 70%
- Isopropyl alcohol Super Sani-Cloth® (PDI) Sani-Cloth® Plus (PDI)
- Alcohol Prep Pads (PDI)
- CaviWipesTM (Metrex)
- Windex® Blue (S.C. Johnson)
- CaviCide ® (Metrex)
- Viraguard® (Veridien)

### Hydrogen Peroxide/Acid:

- Hydrogen peroxide
- Oxivir® Spray (Diversey)
- Virex<sup>®</sup> 5 Wipes
- (Diversey) CidexPlus® (Johnson & Johnson)
- Lysol® Healthcare
- Wescodvne<sup>®</sup>

#### **Ammonium:**

- Ammonium
- Chloride 409® Glass and Surface Cleaner (Clorox)
- Virex<sup>®</sup> 256
- (Diversey) Sani-Cloth® HB (PDI)
- MadaCide-1 (Mada Medical)
- Super HÓQ® L 10 (Spartan)

### Bleach:

- Dispatch® (Clorox)
- Bleach/sodium hypochlorite solution
- Cloro-Wipe® Towelette (Surgipath)
- Clorox® Healthcare Dispatch
- Sani-Cloth Bleach\* (PDI)

### Soap/Saline:

- Saline 10%
- Ethylene Glycol
- Mild dish soap

Active ingredients or cleaning agents not listed on this page should not be used.

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# Attachment A: How to disinfect and Clean the Mobile Device/Zebra Printer, Continued

Note: Some common hand sanitizers used in the healthcare environment may contain some of the harmful chemicals listed above. Please dry your hands completely before handling the printer to prevent inadvertent contamination and damage to the plastic

### **Regular Cleaning and Disinfecting**

The following steps should be taken by healthcare workers in order to disinfect their mobile device/printer after or prior to use.

Caution• Do not spray or spill any liquid on the device/printer or allow liquid to pool up on any surfaces. Liquids entering the device/printer can lead to damage of the sensitive electronics.

### 1. Cleaning the display

- a. Do not allow any abrasive materials to touch the display.
- b. Remove any dirt particles with a damp cloth.
- c. Wipe the display window using a cloth moistened with one of the approved cleaning agents.
- d. Do not spray cleaning directly onto the display window.
- e. Do not let liquid pool around or on the display window.
- f. After cleaning, dry the display with a soft, nonabrasive cloth to prevent streaking.

## 2. Cleaning the device/printer housing

- a. Never apply cleaning agent directly to the device/printer.
- b. Dampen a soft cloth with one of the approved cleaning agents. Do not saturate the cloth, which could lead to excess liquid entering the device/printer.
- c. Gently wipe all plastic surfaces thoroughly.
- d. Do not wrap the device/printer in the pre-moistened cloth.
- e. If necessary, use a cotton-tipped applicator to reach tight areas

### Regular Cleaning and Disinfectingcon't

### 3. Cleaning the device/printer keypad

- a. Dampen a soft cloth as previously described.
- b. Be sure to clean the device/printer keys, and if necessary, in between the keys, using a cotton-tipped applicator.

### 4. Drying

a. Let the device/printer air dry before use.

# **Chemicals Known to Damage Plastics**

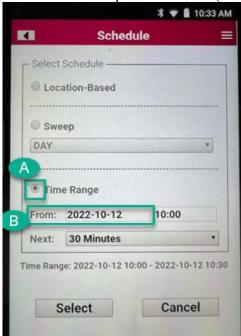
The following chemicals can potentially damage the plastics on the devices/printers and should **not** come in contact with the device/printer:

- Ammonia solutions
- Acetone
- Ketones
- Ethers
- Aromatic and chlorinated hydrocarbons
- Aqueous or alcoholic alkaline solutions
- Ethanolamine
- Toluene
- Trichloroethylene
- Benzene
- Carbolic acid

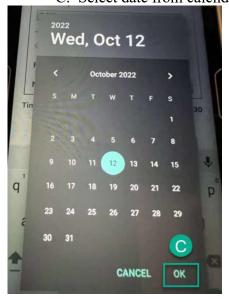
### **Attachment B: Time Selection/Locations**

Time Selection

- A. Tap Time Range Bubble
- B. Tap to select date (From), if necessary

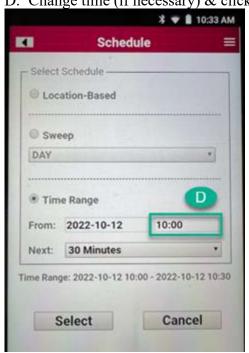


C. Select date from calendar & click OK



## Attachment B: Time Selection/Locations, Continued

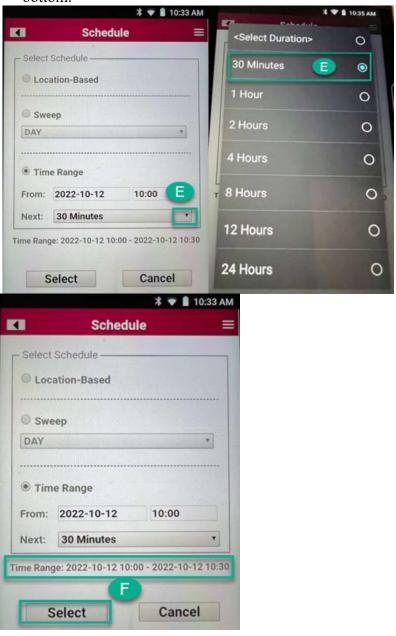
D. Change time (if necessary) & click OK.





### Attachment B: Time Selection/Locations, Continued

- E. Tap on applicable time frame dropdown
- F. Tap Select to confirm selection. \*Note selected Time Range will show at the bottom.

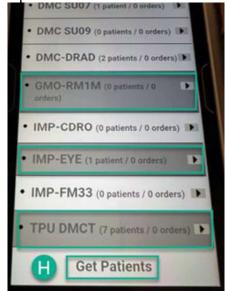


### Attachment B: Time Selection/Locations, Continued

G. After Sweep of Time selection, Location screen will automatically load. Tap 3 letter Medical Center designator to choose all locations



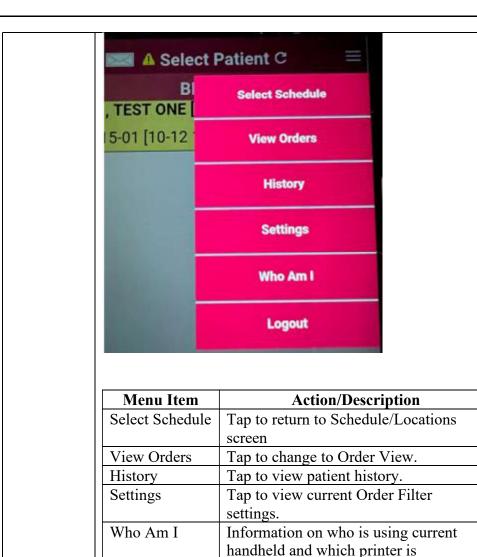
H. To select specific units, tap the unit's name and they will become greyed out. Then tap Get Patients at the bottom of the screen.



## Attachment C: MediCopia Symbols Legend

Symbol	Description		
ពព	Unit or Department Location		
<b>.</b>	Patient		
×	Status - Cancelled		
☑	Status - Complete		
•	Status - Incomplete Routine		
!!	Status - Incomplete STAT		
3	Status - Incomplete Timed		
*	Lattice Home		
	Keyboard		

## **Attachment D: Navigation in Task Tab**



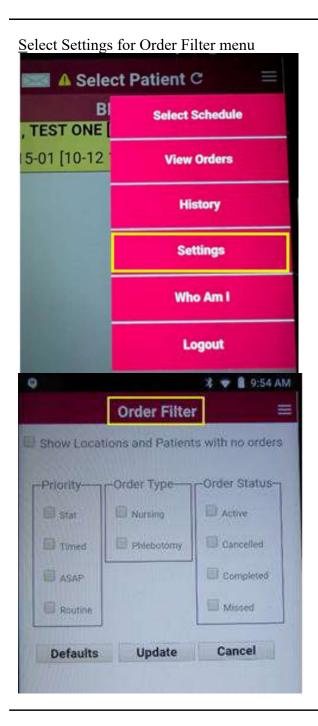
connected.

**Application** 

Tap to logout of MediCopia

Logout

### **Attachment E: Order Filter**



## **Attachment F: Navigation for Icons**



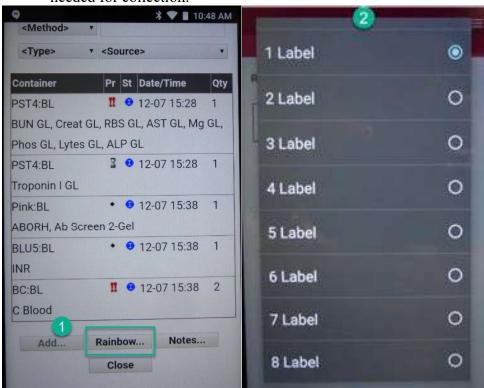
Icon	Description
Blue Tooth	Indicates Blue Tooth active
Cone	Connection Status. *Note: Not connected if seen with x.
Battery Icon	View Battery power.
Hazard Icon	Indicates the presence of STAT orders currently pending.

### Attachment G: Rainbow/"X" Label

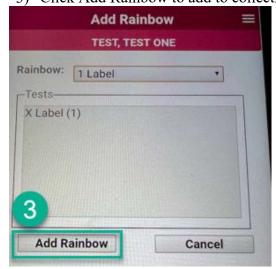
To create a rainbow/X label

1) Tap the Rainbow order icon.

2) Tap number (1 Label, 2 Label, etc.) to select the number of labels needed for collection.



3) Click Add Rainbow to add to collection screen.



### Attachment G: Rainbow/"X" Label, Continued

### To collect:

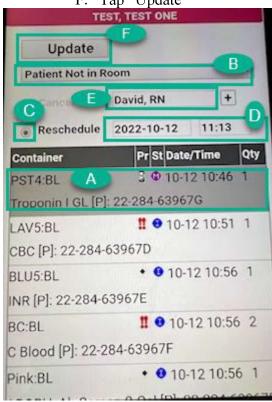
- 1) Make sure X-Label order is highlighted
- 2) Select Method
- 3) Select Source per local protocol
- 4) Click Print button and label will be generated



### **Attachment H: Change Scheduled Time**

Change Scheduled time

- A. Select test to be rescheduled.
- B. Select Not Collected reason.
- C. Select Reschedule button.
- D. Adjust Date & Time if needed.
- E. Free Text person notified.
- F. Tap "Update"

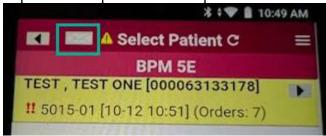


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## **Attachment H: Instant Messaging**

### **Block Label**

Tap the Envelope icon at the top of the screen.



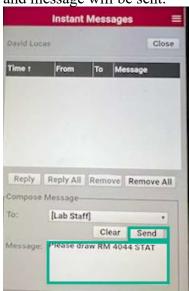
Select recipient from dropdown



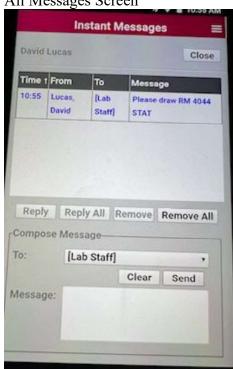
### Attachment H: Instant Messaging, Continued

Block Label, continued

Type message into message field and tap enter on keyboard or "Send" button and message will be sent.



All Messages Screen



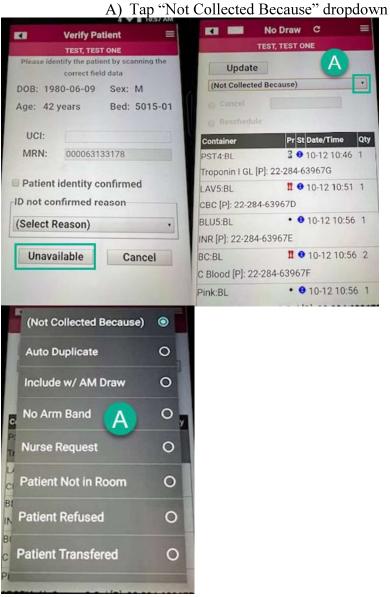
Tap "Close" button to leave screen.

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### Attachment I: Reschedule

**Block Label** 

Tap "Unavailable" for patient order that needs to be rescheduled.



### Attachment I: Reschedule, Continued

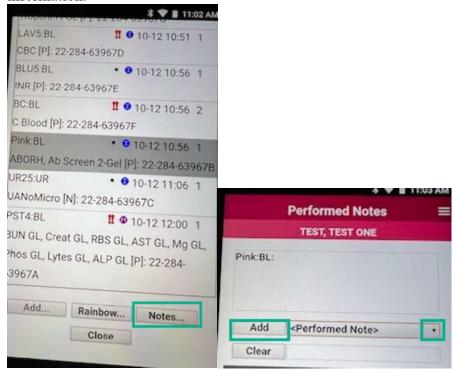
- B) Once reason is selected, tap "Reschedule" button.
- C) Adjust Date & Time as needed.
- D) Free text person notified.
- E) Click Update. TEST, TEST ONE Update Patient Not in Room David, RN 2022-10-12 11:13 C Reschedule Pr St Date/Time Qty Container 3 @ 10-12 10:46 1 PST4:BL Troponin I GL [P]: 22-284-63967G # 0 10-12 10:51 1 LAV5:BL CBC [P]: 22-284-63967D • 10-12 10:56 1 BLU5:BL INR [P]: 22-284-63967E **!! • 10-12 10:56 2** BC:BL C Blood [P]: 22-284-63967F 10-12 10:56 1 Pink:BL

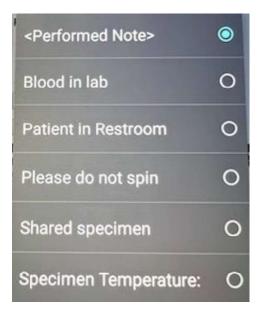
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### **Attachment J: Notes**

### **Block Label**

Tap "Notes" button at the bottom of the Collection screen. Select Performed Note for canned message options then Add to input next to container information.





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## Attachment J: Notes, Continued

# **Block Label**, continued

- 1) To write a free text note tap on performed note and enter note
- Click "Add" and note will be inputted next to container information
- All Performed Note entries added will appear in MediCopia history



### **Signature Manifest**

Document Number: SBMC-PPP-0728 Revision: 01

Title: MediCopia Handheld Device (Zebra TC52)-Routine Use

Effective Date: 03 Jan 2023

All dates and times are in Pacific Standard Time.

### **Preanalytic Regional Docs**

### **Initial Approval**

Name/Signature	Title	Date	Meaning/Reason
Jay Raymund Castaneto (K258559)	Assistant Lab Director	08 Dec 2022, 11:19:09 AM	Approved

### **Operations Director Approval**

Name/Signature	Title	Date	Meaning/Reason
Janice Wolf (K119893)	Director Operations Area Lab	19 Dec 2022, 03:00:19 PM	Approved

### **Medical Director Approval**

Name/Signature	Title	Date	Meaning/Reason
Sony Wirio (A478893)	Pathologist, Medical Director	26 Dec 2022, 07:07:08 PM	Approved