

APPENDIX A

T1[™] BEDSIDE MONITOR GUIDELINE 5.23 Software Version

This document is a guideline only to be used as an aid to comprehensive Inservice training.

NAME: _____

HOSPITAL: _____

DATE: _____

VALIDATOR: _____

| | Performed | Not Performed | Not Applicable |
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| A. OVERVIEW | | | |
| 1. Locate ON/OFF button | | | |
| 2. Locate A/C connection | | | |
| 3. Discuss <ul style="list-style-type: none"> a. T1 insertion into carrying handle b. T1 insertion into the transport module rack (TMR) c. TMR insertion into docking station | | | |
| 4. Locate on T1 Docking Station <ul style="list-style-type: none"> a. Central Station/Printer connection port b. Display touch screen and video cable c. USB ports. Discuss purpose of USB ports. d. Passport 12m/17m connection port | | | |
| 5. Discuss T1 as a module for Passport 12m/17m bedside monitors <ul style="list-style-type: none"> a. Transfer from T1 to Passport 12m/17m b. Transfer from Passport 12m/17m to T1 c. What data transfers? | | | |
| 6. Discuss T1 interfaced to Independent display (19' Touchscreen display) and connection ports on T1 docking station | | | |
| 7. Locate ECG, NIBP, SPO ₂ , IBP, and Temperature connection ports | | | |

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| 8. Discuss Touch screen and Touch screen unlock button | | | |
| 9. Discuss quick key buttons | | | |
| 10. How does a clinician exit a menu? | | | |
| 11. Locate patient size, date, and time | | | |
| 12. Locate battery icon. Discuss battery life and charging process | | | |
| B. BASIC FUNCTIONS | | | |
| 1. Attach ECG, NIBP, and SPO ₂ probe | | | |
| 2. Enter the following patient information: <ul style="list-style-type: none"> a. Jane Doe b. Height: 5'7" c. Weight: 140 lbs. d. ID: 68924 | | | |
| 3. ECG <ul style="list-style-type: none"> a. Discuss electrode prep and placement b. Change Lead from II to I c. Change leads to I and V (if using a 5 lead cable) d. Enhance the pacemaker pulse/spike e. Discuss Minimum QRS Threshold* f. Print a Real Time Report (laser printer required) | | | |
| 4. ARRHYTHMIA* <ul style="list-style-type: none"> a. Discuss default arrhythmia setting b. Where are arrhythmia messages displayed? c. What leads are used for arrhythmia analysis and heart rate detection? d. Can lethal arrhythmias be disabled? e. Enable lethal arrhythmias only f. Adjust the following settings: <ul style="list-style-type: none"> 1. Asystole to 4 seconds 2. Vtach to 6 PVC/110 bpm 3. Turn on Bigeminy alarm and assign a message priority g. Discuss the relearn process | | | |
| 5. SPO₂ <ul style="list-style-type: none"> a. Discuss placement of sensor b. Demonstrate disposable sensor placement c. Discuss the difference between the | | | |

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| DeSat and Low SpO ₂ alarm d. Discuss the NIBP Simul feature | | | |
| 6. NON-INVASIVE BLOOD PRESSURE (NIBP) a. Discuss proper cuff size b. Set BP interval for every 10 minutes c. Stop the NIBP cuff from inflating d. Locate the last several NIBP measurements e. Turn on the end measurement tone. Explain this feature f. Enable Clock mode*. Explain this feature | | | |
| 7. RESPIRATIONS a. Locate respiratory rate display b. Respirations are obtained from what sources? | | | |
| 8. TEMPERATURE a. Locate temperature port b. What series of probes can be used? | | | |
| 9. ALARMS a. Change high HR limit to 130 bpm b. Change low SpO ₂ limit to 87% and change to a high priority alarm c. How does a clinician know if an alarm is turned off? d. Discuss the difference between alarm pause and alarm reset including icon difference. e. Discuss high, medium, low, and message alarm notifications f. Discuss technical alarms | | | |
| 10. Change patient size from Adult to Pediatric | | | |
| 11. Enter first name and last name | | | |
| 12. Adjust SPO ₂ color to yellow and NIBP color to purple. What happens upon discharge? | | | |

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| <p>13. Perform the following functions in Tabular trends:</p> <ul style="list-style-type: none"> a. Adjust Tabular trends to display only when a NIBP measurement is obtained b. Print trends for the last 1 hour (Laser printer connection required) c. How many trends are stored? How are they cleared? | | | |
| <p>14. Review an alarm event. Print the alarm event (Laser printer connection required)</p> | | | |
| <p>15. Adjust and discuss the following views on the main display:</p> <ul style="list-style-type: none"> a. Large numerics b. Normal screen c. 12 Lead View (12 Lead option required) | | | |
| <p>16. Print a real time report (Laser printer connection required)</p> | | | |
| <p>17. Discharge the patient. Does the patient size return to Adult once the patient is discharged?</p> | | | |
| C. ADVANCE FUNCTIONS | | | |
| <p>1. INVASIVE BLOOD PRESSURES (IBP)</p> <ul style="list-style-type: none"> a. Discuss invasive blood pressure monitoring setup b. Zero an invasive line c. Change the label from P1 to ART d. Discuss what happens when an invasive is labeled with a label already in use (i.e. changing ART to CVP for P1 when P2 is already labeled CVP) e. Change the scale to 0–240 | | | |
| <p>2. CO₂*</p> <ul style="list-style-type: none"> a. Discuss disposable CO₂ accessories and module insertion b. Setup up for an intubated patient c. Setup for a non-intubated patient d. Change the CO₂ scale to 0 to 60 | | | |
| <p>3. QT/QTc*</p> <ul style="list-style-type: none"> a. Enable QT/QTc analysis b. Select all leads for analysis c. Change QTc formula d. Adjust QTc limit to 500 (H) | | | |

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| e. Print a QT View Report | | | |
| 4. ST* a. Enable ST analysis b. How many ECG leads are being analyzed? c. Adjust ISO and ST points d. Adjust the ST alarm on Lead II to 2mm/.2mV and -2mm/.2mV | | | |
| 5. 12 LEAD* a. Discuss ECG electrode prep and placement b. Enter additional information: i. Age: 75 ii. Drug: Diuretics c. View All ECG waveforms and perform an analysis d. Print a 12 lead ECG Report e. Enable Baseline filters. Discuss use | | | |
| E. MAINTENANCE | | | |
| 1. Adjust the date and time | | | |
| 2. Calibrate touch screen | | | |
| 3. Import/Export system settings | | | |

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