

MEDITECH Expanse Telemetry Monitoring

EHR

2024.1

Update

Telemetry Application/Discontinuation

Problem Summary: With the initial implementation of the CSIP Telemetry initiative, documentation of telemetry monitoring start/stop did not align with nursing workflow, resulting in end-user confusion in the documentation of accurate start/discontinue dates/times. Despite best practice guidelines for re-evaluating the patient every 48 hours for clinical necessity by the provider, continuous telemetry monitoring orders are being submitted.

Solution Summary: Remove the continuous telemetry monitoring option from the provider order for Initial Telemetry Monitoring. Create a new standard Renew 48-hour Telemetry Monitoring order. The placement of the initial 48-hour telemetry monitoring order will generate an orderable intervention on the nurse's worklist for accurate capture of the application date/time and discontinuation date/time. The Manage, Refer, Contact, Notify will only have options for Telemetry interruption and Telemetry Restart.



Current Orders	Category	Ordering Provider	Start	Renew/Stop	Status
- Admit, Discharge, Transfer					
Admission [Admission Status] STAT	ADT	Cosign01, Provider	08/28/23 11:04		Active
- Care					
Maita's Test Order 1 Routine	Care	Hospitalist01, Provider	04/21/23 13:06		Ordered
Telemetry Monitoring - Nurse Assessment ONCE	Care	Attending01, Provider, MD	01/11/24 12:22		Ordered
- Dietary					
Cardiac/Heart Healthy Diet	Diet	MT, MEDITECH	08/11/23 14:30 Dinner		Ordered
- Renewables					
Telemetry Monitoring - 48 hour ONCE	Renewables	Attending01, Provider, MD	01/11/24 12:09	01/13/24 12:09	Ordered

Here is the Telemetry Monitoring Nursing Intervention from the order's screen

Include Interventions Outcomes Medications

Look ahead 8 hours

	Care Item		Last Done	Status/Due	Today 12:22	NOW
Ao	Tele Application/Discontinuation +	ONCE		-6m		<input checked="" type="checkbox"/>
A	Advance Directive Followup	QSHIFT				<input type="checkbox"/>
A	Clinical Reassessment	QSHIFT				<input type="checkbox"/>
A	Comprehensive Assessment	ONCE				<input type="checkbox"/>
A	Discharge Vaccination Status					<input type="checkbox"/>
A	Fall Risk	Q12				<input type="checkbox"/>
A	First Point of Contact	ONCE				<input type="checkbox"/>
A	Health History	ONCE				<input type="checkbox"/>
A	Height & Weight	ONCE				<input type="checkbox"/>
A	Intake and Output (I&O)	QSHIFT				<input type="checkbox"/>
A	Intravascular Access/Saline Lock	PRN Nur				<input type="checkbox"/>
A	Manage-Refer-Contact-Notify	PRN Nur				<input type="checkbox"/>
A	Medical Device Related Protocol	Q12				<input type="checkbox"/>
A	Pain Assessment	PRN Nur				<input type="checkbox"/>
A	Routine Care	DAILY				<input type="checkbox"/>
I	Routine Safety Precautions	RND				<input type="checkbox"/>
A	Sepsis Assessment	Q12				<input type="checkbox"/>
A	Shift Activity	SHIFTCHG				<input type="checkbox"/>
A	Skin Risk Assessment	QSHIFT				<input type="checkbox"/>
A	Sleep Apnea Screening	PRN Nur				<input type="checkbox"/>
A	Sleep Apnea Screening	PRN Nur				<input type="checkbox"/>
A	Teach	PRN Nur				<input type="checkbox"/>
A	Vital Sign	QSHIFT				<input type="checkbox"/>

Tele Application/Discontinuation intervention will be displayed on the worklist

Thu Jan 11 12:28

Interventions

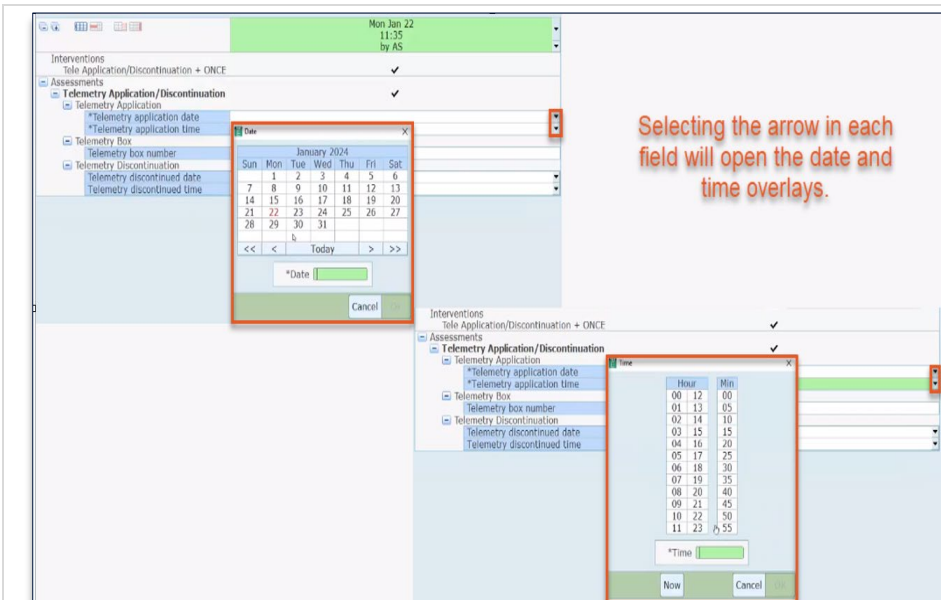
- Tele Application/Discontinuation + ONCE

Assessments

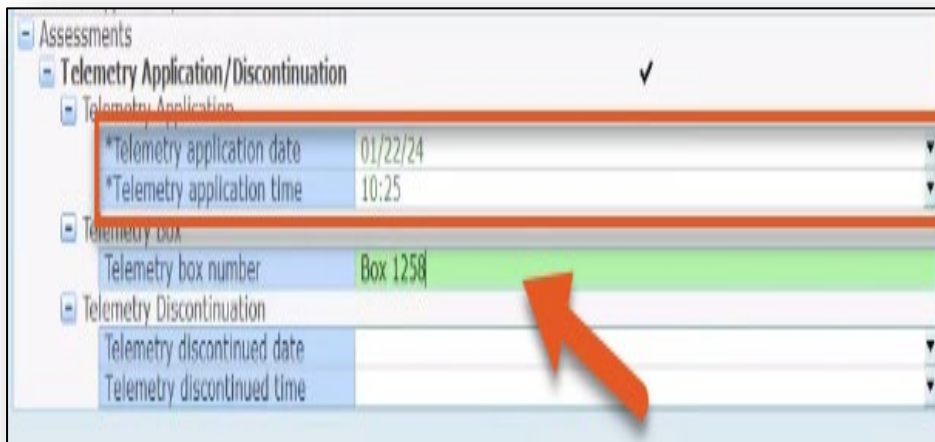
- Telemetry Application/Discontinuation**
 - Telemetry Application
 - *Telemetry application date
 - *Telemetry application time
 - Telemetry Box
 - Telemetry box number
 - Telemetry Discontinuation
 - Telemetry discontinued date
 - Telemetry discontinued time

The intervention has two required fields for the **Application: DATE and TIME.**

Staff can use the free text field to enter a **Telemetry Box number.**



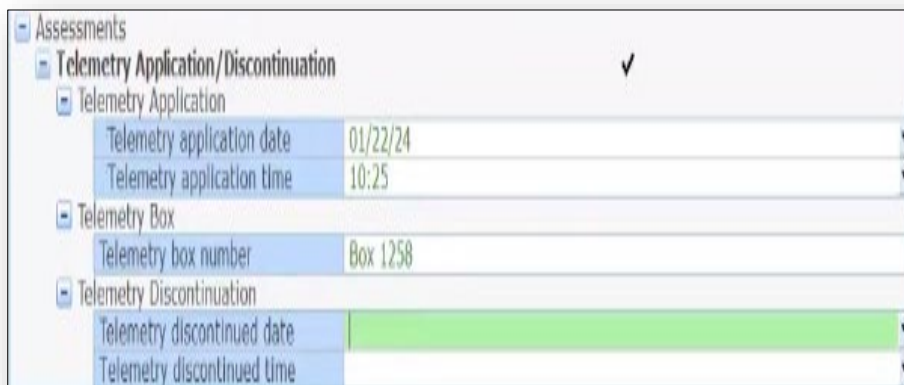
Enter the **Telemetry Application date** and **time** manually, or use the shortcuts **“T”** for Today and **“N”** for Now.



Here is an example.

Note: Future dates and times will not be accepted by the system

Select **Save and Exit** to file the screen.



When documenting Discontinuation, enter the **DATE** and **TIME**.

The system will pull in the previously documented information, as the screenshot shows.

Interventions

Tele Application/Discontinuation + ONCE ✓

Assessments

Telemetry Application/Discontinuation ✓

Telemetry Application

Telemetry application date 01/22/24

Telemetry application time 10:25

Telemetry Box

Telemetry box number Box 1258

Telemetry Discontinuation

Telemetry discontinued date 01/22/24

Telemetry discontinued time 11:27

Here is an example.

Selecting the arrow will open the data and time overlays as shown in the application.

Note: Future dates and times will not be accepted by the system.

Select **Save and Exit** to file the screen.

Care Item	Last Done	Status/Due	Mon Feb 12 07:00	Mon Feb 12 09:00	Mon Feb 12 09:02	Mon Feb 12 17:00
Ao Tele Application/Discontinuation + ONCE						
A First Point of Contact Once Nur	3mo 26d	Active				
A Health History Once Nur		Cancelled				
A Living Situation and Abuse Once Nur		Complete				
A Pre-Procedure Checklist Once Nur		Hold/Resume				
A Intravascular Access/Saline Lock PRN Nur		Hold For				
A Manage-Refer-Contact-Notify PRN Nur						
A Pain Assessment PRN Nur						
A Sleep Apnea Screening PRN Nur						
A Sleep Apnea Screening PRN Nur						
A Teach PRN Nur						
A SLED/SCUF Treatment Q1						
A Fall Risk Q12						
A Medical Device Related Protocol Q12						
A Oxygen Therapy Q12		-3h				
A Sepsis Assessment Q12						
A Hemodialysis Treatment Q15M						
A Ventilator Care Nursing Q2						
A Vital Signs (CMI) Q4H		-6h				
A Advance Directive Followup QSHIFT						
A Clinical Reassessment QSHIFT						
A Intake and Output (I&O) QSHIFT	6d	-30h				
A Skin Risk Assessment QSHIFT						
A Vital Sign QSHIFT		6h				
I Routine Safety Precautions RND						
A Shift Activity SHIFTCHG						
I Vital Signs - Special Stat	6h	18h				
A Discharge Vaccination Status						
A Erik's PCS Test Intervention						
A Language Assistant +						
A Moderate Sedation						
A OB Maternal Early Warning Tool (MEWT) +						
A PCI Procedure						

After documenting the **Discontinuation date and time**, the intervention should be **Completed** by clicking in the Status/Due column and then selecting **Complete**.

This will remove the Intervention from the worklist cleaning up the Nurse's display.

NOTE: A new intervention will populate the Worklist if Telemetry is re-ordered by the Provider.

	Care Item		Last Done	Status/ Due	Today 11:34	NOW
Ao	Tele Application/Discontinuation +	ONCE	1m			Done
A	Advance Directive Followup	QSHIFT				
A	Clinical Reassessment	QSHIFT				
A	Comprehensive Assessment	ONCE				
A	Discharge Vaccination Status					
A	Fall Risk	Q12				
A	First Point of Contact	ONCE				
A	Health History	ONCE				
A	Health History	Once Nur				
A	Height & Weight	ONCE				
A	Intake and Output (I&O)	QSHIFT				
A	Intravascular Access/Saline Lock	PRN Nur				
A	Manage-Refer-Contact-Notify	PRN Nur				
A	Medical Device Related Protocol	Q12				
A	Pain Assessment	PRN Nur				
Ao	Precautions/Isolation	CONTINUOUS				
Ao	Precautions/Isolation	CONTINUOUS				
A	Routine Care	DAILY				
I	Routine Safety Precautions	RND				
A	Sepsis Assessment	Q12				
A	Shift Activity	SHIFTCHG				
A	Skin Risk Assessment	QSHIFT				
A	Sleep Apnea Screening	PRN Nur				
A	Sleep Apnea Screening	PRN Nur				
A	Teach	PRN Nur				
A	Vital Sign	QSHIFT				
A	Vital Signs (CMI)	Q4H				

Manage, Refer, Contact, Notify intervention will also display on the worklist

Assessments

- *Manage-Refer-Contact-Notify
- Manage-Refer-Contact-Notify

Notified
 Paged (not notified)
 Re-paged (not notified)
 Invoked chain of command
 Multidisciplinary rounds

Who attended

Plan for today

Reason notified

Entity attempted/notified

Bedside nurse
 Charge nurse
 Dietary
 Pharmacy
 RT
 Case management
 Consulting physician
 Infection control
 Provider
 Social worker
 Chaplain
 Diabetes educator
 Palliative Care
 PT/OT
 Wound care specialist

Antibiotic de-escalation
 DVT prophylaxis
 Line site change
 PT/OT
 Antibiotic therapy change
 Electrolyte replacement
 Mobility or ambulate
 Sedation weaning
 Antibiotic therapy DC
 Family conference
 NPO for procedure
 Sepsis goals
 BI-PAP/C-PAP
 Fluid restriction
 Nutrition/Tolerate feeds
 Speech
 Central line removal
 Glucose management
 Palliative care
 Surgical procedure
 Code status/Classification
 Hemodynamic monitoring
 Plan for hospice
 Trach collar replacement
 Diagnostic testing
 Increase PO intake
 Plan for LTAC
 Vasopressor weaning
 Do NOT extubate
 Increase sedation
 Plan for SNF
 Vent weaning/Extubate
 Do NOT wean sedation
 Interventional procedure
 Plan for Trach/Peg
 Wound care

Abnormal vital signs
 Diagnostic test/lab
 Patient concern
 Stroke alert
 Change in patient condition
 Disability
 Patient medication
 Suicide risk
 Collateral information
 Family meeting
 PEOS concerning event
 Telemetry Interruption
 Continuity of care
 Order clarification
 Rhythm change/arrhythmia
 Telemetry restart
 Critical value
 Pain management
 Sepsis notification

Assisted living facility
 Funeral home
 Occupational therapy
 Security
 Case management
 Home health
 Organ procurement agency
 Senior services
 Child protective services
 Infection control
 Pastoral care
 Significant other
 Cardiac rehab
 Law enforcement
 Pharmacist
 Surrogate
 Chaplain
 Listed emergency contact
 Physical Therapy
 Swallow therapy
 Coroner
 Meals on wheels
 Post-acute care
 Telemetry tech
 Court representative
 Mental health therapist
 Probate officer
 Wound/ostomy care
 Employer representative
 Nurse
 Respiratory therapy
 Environmental services
 Nursing home
 Speech therapy
 Family member
 Nutrition
 Social work

The **Manage, Refer, Contact, Notify** Intervention will have only two options in the Reason notified field:
Telemetry Interruption
and Telemetry restart.

Select **Save and Exit** to file the screen once all fields have been completed.