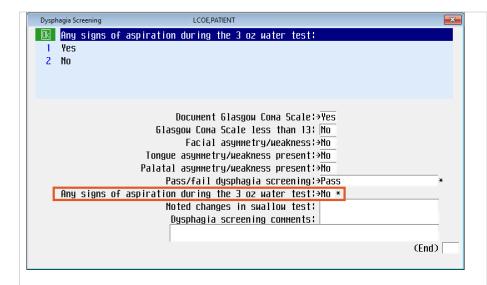
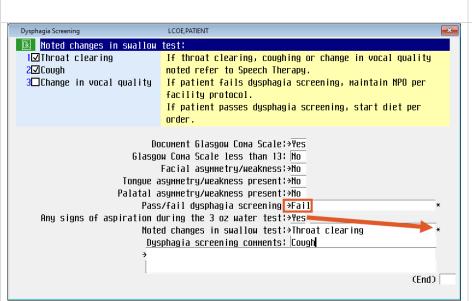
Dysphagia Screening – Water Test



Currently in the **Dysphagia Screening** assessment, the field "Any signs of aspiration during 3 oz water test" can be bypassed and the screening will still auto populate a '*Pass*'. With this update, the 3 oz water test will be required to evaluate the patient's ability to swallow if applicable.





If "No" is answered for:

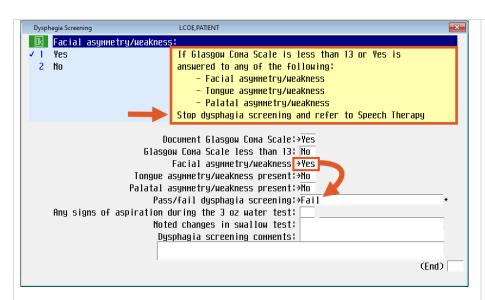
- Glasgow Coma Scale less than
 13
- Facial asymmetry/weakness
- Tongue asymmetry/weakness
- Palatal asymmetry/weakness

Then Any signs of aspiration during the 3 oz water test becomes **Required** to complete the **Dysphagia Screening**.

Once the 3 oz water test is performed and there are no signs of aspiration, the patient passes the dysphagia screening.

If 'Yes' is answered for Any signs of aspiration during the 3 oz water test then Noted changes in swallow test becomes **required*** and the patient will **Fail** the test.

Note: In this scenario, the *Pass/fail dysphagia screening* programming response will change when the user goes to the next field (*Dysphagia screening comments*) or upon filing after all *required** fields have been answered.



If 'Yes' is answered for any of the following fields:

- Glasgow Coma Scale less than 13
- Facial asymmetry/weakness
- Tongue asymmetry/weakness
- Palatal asymmetry/weakness

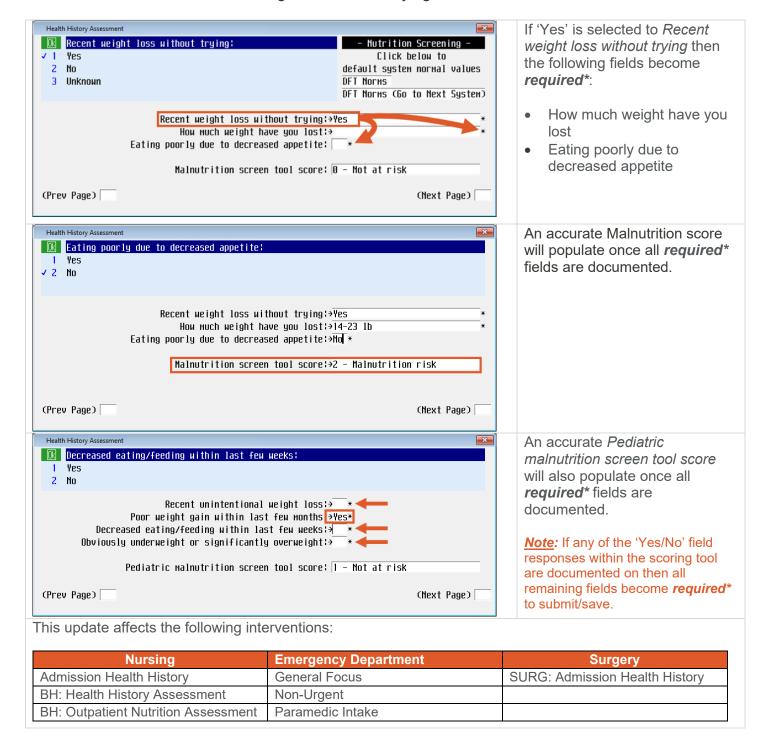
Then patient *Fails* the dysphagia screening and needs to be referred to Speech Therapy.

| Nursing | Emergency Department | Surgery |
|-----------------------|-----------------------------|---------------------------------|
| Dysphagia Screening + | Dysphagia Screening | SURG: Dysphagia Screening PAC + |
| Neuro Checks + | | |

Malnutrition Screening Updates



Currently, the Malnutrition Screening allows users to bypass remaining screening questions after answering 'Yes' to *Recent weight loss without trying*. This results in inaccurate and incomplete malnutrition screening, potentially missing patients that may need further evaluation. The update will require the remaining fields be answered if a 'Yes' is entered for *Recent weight loss without trying*.

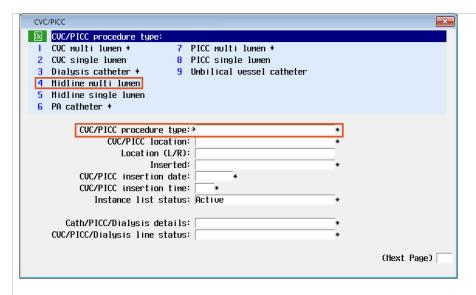


EDM Module

CVC/PICC: Midline Multi Lumen Update



The CVC/PICC screen has been updated and now includes a new option to accurately document midlines and clearly differentiate between single and multiple lumens.



The CVC/PICC procedure type field has a new response:

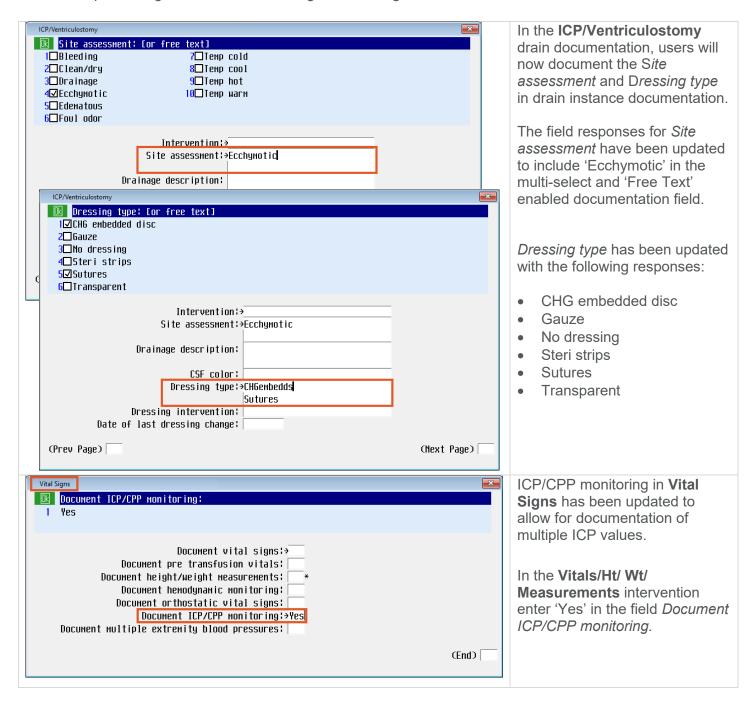
Midline multi lumen

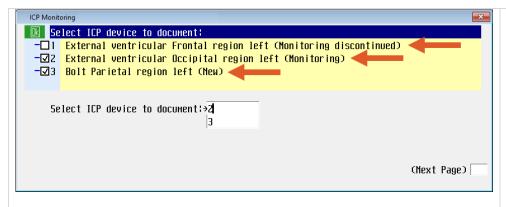
| Nursing | Emergency Department | Surgery |
|---------------------------|-----------------------|---------------------------------------|
| Critical Care Flow Record | CVC/PICC | SURG: Lines, Drains, Airways Intra-op |
| Lines/Drains/Airways | Newborn Stabilization | SURG: Lines, Drains, Airways Pre-op |
| | | SURG: Lines, Drains, Airways PACU |

ICP Monitoring: External Ventricular Device



Currently, if a patient has multiple EVD drains, nurses may need to monitor two ICP values. The EHR does not allow users to capture two discrete ICP values within the hemodynamic screen, preventing clinicians from tracking and trending these results.

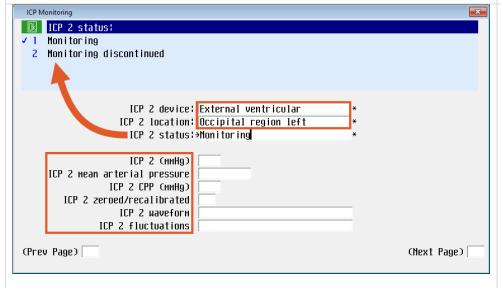




Select ICP device to document is a multi-select response field. A list of devices documented in **Drains** will automatically populate.

Note: The ICP drain status will populate in the Yellow comment box. The possible responses are:

- New
- Monitoring
- Monitoring discontinued



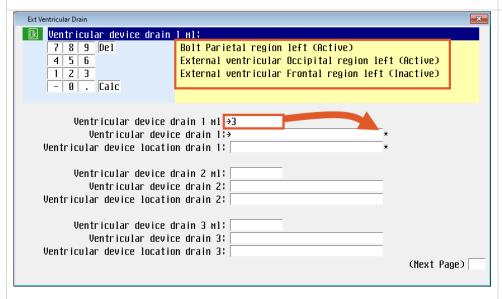
ICP device and ICP location will pre-populate to ensure consistent documentation:

ICP status is a new **required*** field on every device monitoring instance with the following responses:

- Monitoring
- Monitoring discontinued

<u>Note:</u> The following fields have been added for each instance:

- ICP (mmHg)
- Mean Arterial Pressure
- CPP (mmHg)
- Zeroed/recalibrated
- Waveform
- Fluctuations



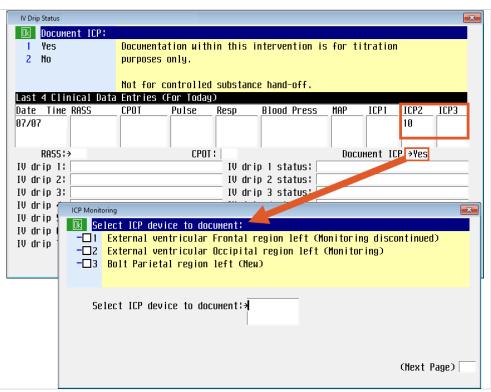
Ventricular Drain output will be documented in the **Intake and Output** intervention.

If a numerical response is entered in the *Ventricular device ml* field then the following responses become *required**:

- Ventricular device
- Ventricular device location

<u>Note:</u> The Yellow information box will display the list of documented drains in **Alphabetical Order** starting with **Active** drains followed by **Inactive** drains.

Please ensure the appropriate output is documented on the correct drain.



The IV Drip Titration + intervention has been updated to include additional ICP drain documentation values.

If 'Yes' is answered for Document ICP the user will be directed to the ICP Monitoring documentation section listed in the Vitals/Ht/ Wt/ Measurements intervention.

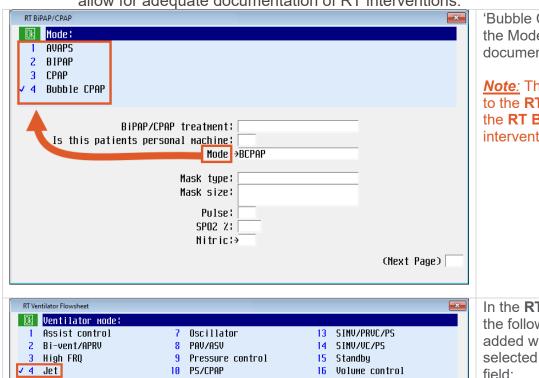
Note: A list of documented devices will automatically populate with the ICP drain status in the Yellow comment box.

| Nursing | Emergency Department | Surgery |
|---------------------------|-----------------------|---------------------------------------|
| Lines/Drains/Airways | Disposition | SURG: Lines, Drains, Airways Intra-op |
| Critical Care Flow Record | Flowsheet | SURG: Intake and Output Intra |
| Intake & Output | ICP/Ventriculostomy | SURG: Lines, Drains, Airways PACU |
| Vitals/Ht/Wt/Measurements | ICP Monitoring | SURG: Intake and Output PACU |
| IV Drip Titration | Intake and Output | SURG: Intake and Output Pre-op |
| | IV Drip Titration | SURG: IV Drip Titration PAC |
| | Newborn Stabilization | SURG: IV Drip Titration Pre |
| | Paramedic Intake | |
| | Triage Reassessment | |

Respiratory Therapy Intervention Updates

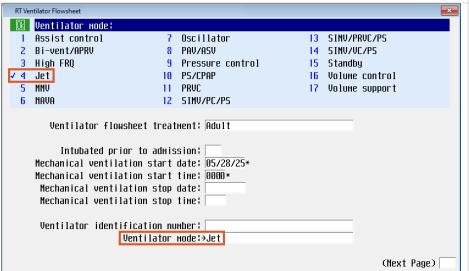


Current RT EBCD Intervention templates lack sufficient fields that lead to decreased efficiency and missing data values for respiratory patients. Updates will include a new Bubble CPAP field response, additional fields in the Jet Mode section, and other fields to allow for adequate documentation of RT interventions.



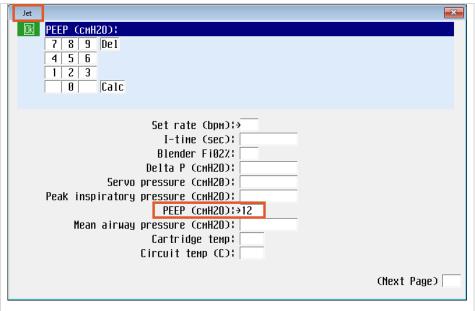
'Bubble CPAP' has been added to the Mode field response options documenting **RT BiPAP/CPAP**.

Note: This update has been added to the **RT BiPAP/CPAP Initial** and the **RT BiPAP/CPAP Subsequent** interventions.

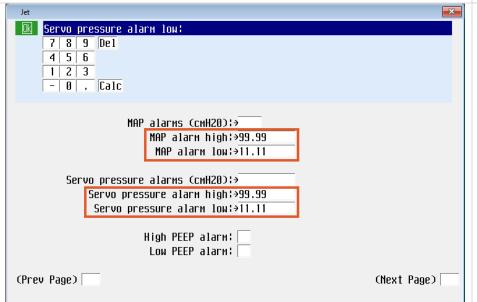


In the **RT Ventilator Flowsheet**, the following fields have been added when the response 'Jet' is selected for the *Ventilator mode* field:

- PEEP
- High & Low MAP Alarms
- Servo Pressure Alarms
- Backup Rate
- Backup PIP
- Backup inspiratory pressure
- Backup I-time

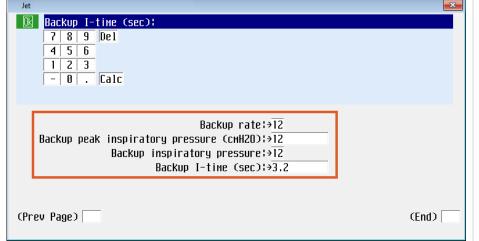


PEEP (cmH2O) has been added to page 2 of **Jet Ventilator Mode** screen and supports a response up to 2-digits.



The new alarms fields have been added and support the use of 5-digits including a decimal point:

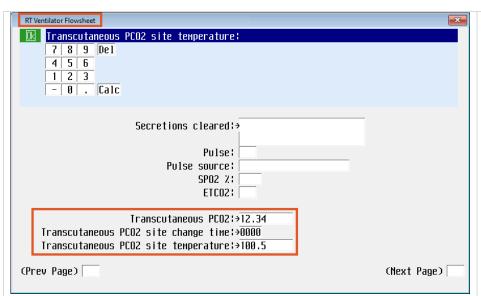
- MAP alarm high
- MAP alarm low
- Servo pressure alarm high
- Servo pressure alarm low



Four additional new fields have been added and support a response up to 2 digits:

- Backup rate
- Backup peak inspiratory pressure (cmH2O)
- Backup inspiratory pressure
- Backup I-time (sec)

Note: The Backup I-time (sec) field supports 3-digit responses, including a decimal point.



On the **RT Ventilator Flowsheet** intervention, the following fields have been added:

- Transcutaneous PCO2
- Transcutaneous PCO2 site change time
- Transcutaneous PCO2 site temperature

This update affects the following interventions/assessments:

| Nursing | Emergency Department |
|-------------------------------|--------------------------|
| RT: Ventilator Flowsheet | RT: Ventilator Flowsheet |
| RT: PEDS Ventilator Flowsheet | RT: BiPAP/CPAP Initial |
| RT: BiPAP/CPAP Initial | RT: BiPAP/CPAP |
| RT: BiPAP/CPAP Subsequent | |
| RT: BiPAP/CPAP | |
| RT PEDS: BiPAP/CPAP Initial | |
| RT PEDS: BiPAP/CPAP | |

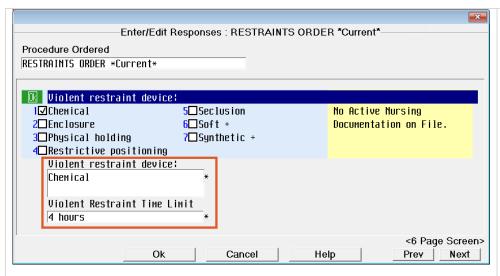
Restraints Initiative Update

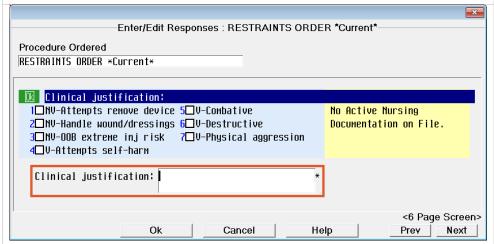


Inappropriate restraint utilization has heightened regulatory risk with inconsistent practices and outcomes for managing restraints effectively. As part of the 2025 Strategic Priorities, we have identified ways to drive appropriate restraint utilization by optimizing both the ordering of restraints and the subsequent nursing documentation.

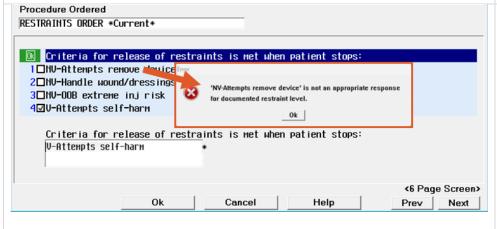
Ordering Restraints Process In the **RESTRAINTS ORDER** Enter/Edit Responses : RESTRAINTS ORDER *Current* the first *required** field is the Order Phase: with the following Procedure Ordered RESTRAINTS ORDER *Current* response options: Initial Order Phase: Renewal 1 Initial No Active Nursing 2 Renewal Documentation on File. **Note**: An error message will occur if the Order Phase of 'Renewal' is Order Phase: selected in the absence of a current Level of restraint: 'Initial' Restraint Order. <6 Page Screen> Ok Help Next Cancel The Level of restraint is a Enter/Edit Responses : RESTRAINTS ORDER *Current* required* field with the following Procedure Ordered response options: RESTRAINTS ORDER *Current* Non-violent Violent/self-destructive Level of restraint: Non-violent No Active Nursing 2 Violent/self-destructive Documentation on File. **Note**: The yellow information box will continue to display any Active Nursing Documentation on file Order Phase: Initial throughout the ordering process. Level of restraint: <6 Page Screen> Cancel Help Next If 'Non-Violent' Level of restraint Enter/Edit Responses : RESTRAINTS ORDER *Current* is selected, the user will be Procedure Ordered directed to the approved Non-RESTRAINTS ORDER *Current* violent restraint device selection types. Non-violent restraint device: 1□Bedrails 5□Geri-chair No Active Nursing Non-violent Restraint Time Limit 2□Chemical 6☑Mitten + Documentation on File. will pre-populate 24 hours for 3□Enclosure **7**□Snft + 4□Freedom splints + 8□Waist Order Phase of Initial and 1 Non-violent restraint device: Calendar Day for Order Phase Mitten BUE of Renewal. Non-violent Restraint Time Limit 24 hours **Note**: Restrictive positioning and Tightly tucked sheets are no longer <6 Page Screen> approved Non-violent restraint Cancel Next

devices.





<u>Note</u>: An Error message will occur if the user selects a **Violent (V)** justification for a **Non-Violent Level of restraint** and if a **Non-violent (NV)** justification is selected for a **Violent Level of restraint**.



If 'Violent/self-destructive' *Level* of restraint is selected, the user will be directed to the approved *Violent restraint device* selection types.

Violent Restraint Time Limit will pre-populate 4 hours for both the Order Phase of Initial and Order Phase of Renewal for adult patients.

<u>Note</u>: Bedrails, Freedom splints, Geri-chair, Mittens, Seclusion/restraint, Tightly tucked sheets, and Waist are no longer approved Violent restraint devices.

Clinical justification is a required field.

For *Non-violent* (NV) level of restraint, the following justifications may be selected:

- NV-Attempts remove device
- NV-Handle wound/dressings
- NV-OOB extreme inj risk

For *Violent* (V) level of restraint, the following justifications may be selected:

- V-Attempts self-harm
- V-Combative
- V-Destructive
- V-Physical aggression

The response entered for Clinical Justification will default into the Criteria for release of restraints is met when patient stops response field.

Additional responses can be selected; however, an Error message will occur if the user selects a Violent (V) Criteria for a Non-Violent Level of restraint and if a Non-violent (NV) Criteria is selected for a Violent Level of restraint.

NURSING DOCUMENTATION Restraint Documentation In the **Restraint** Level of restraint: **Documentation +** intervention. Non-violent Physician order: Restraint status and Level of 2 Violent/self-destructive restraint are required* fields. to display previous status documentation -> The available *Level of restraint* Restraint status: Start responses are: Level of restraint:> Non-violent restraint device: Non-violent Violent/self-destructive Violent restraint device: Clinical justification: Alternatives utilized: Date restraints initiated: Time restraints initiated: (Next Page) If 'Non-violent' Level of restraint Restraint Documentation Mon-violent restraint device: is selected, the user will be 1√Bedrails 7□Soft + Physician order from directed to the Non-violent 2□Chemical 8□Waist 05/22/25 at 0606: restraint device field with 3□Enclosure Bedrails 4□Freedom splints + approved selection types. 5□Geri-chair 6□Mitten + The yellow information box will Click box to display previous status documentation -> Restraint status:⇒Start continue to display any Level of restraint:∍Non-violent Physician order information Non-violent restraint device:∍Bedrails throughout the documentation process. Violent restraint device: Clinical instification: **Note**: Restrictive positioning and Tightly tucked sheets are no longer Alternatives utilized: approved Non-violent restraint devices. Date restraints initiated: Time restraints initiated: (Next Page) Restraint Documentation If 'Violent/self-destructive' Level ■ Violent restraint device: of restraint: is selected, the user 1□Chemical 7□Synthetic + will be directed to the Violent 2☑Enclosure restraint device field with 3□Physical holding 4□Restrictive positioning approved selection types. 5□ Sec lusion 6□Soft + **Note**: Bedrails, Freedom splints, Click box to display previous status documentation ->

Restraint status:>Start

Violent restraint device:→Enclosebed

Non-violent restraint device:>

Clinical justification:>
Alternatives utilized:
Date restraints initiated:
Time restraints initiated:

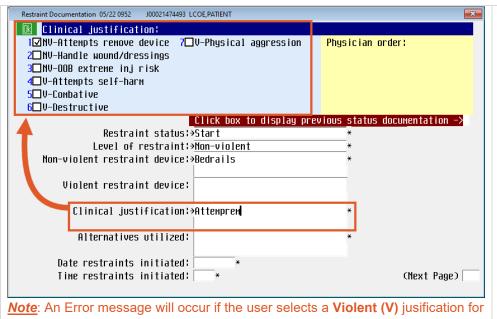
Level of restraint:>Violent/self-destructive

Geri-chair, Mittens,

(Next Page)

Seclusion/restraint, Tightly tucked

sheets, and Waist are no longer approved Violent restraint devices.



<u>Note</u>: An Error message will occur if the user selects a **Violent (V)** jusification for a **'Non-Violent' Level of restraint** and if a **Non-violent (NV)** jusification is selected for a **'Violent' Level of restraint**.

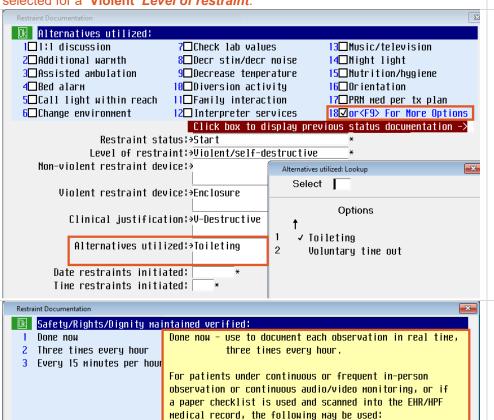
Clinical justification is a required field.

For *Non-violent* (NV) level of restraint, the following justifications may be selected:

- NV-Attempts remove device
- NV-Handle wound/dressings
- NV-OOB extreme inj risk

For *Violent* (V) level of restraint, the following justifications may be selected:

- V-Attempts self-harm
- V-Combative
- V-Destructive
- V-Physical aggression



Three times every hour

Every 15 minutes per hour

(Next Page)

In the *Alternatives utilized* field, "Commode at bedside" has been removed from the list of responses and 'Toileting" has been added.

Note: Toileting can be found in the '<F9> For More Options' response.

The Safety/Rights/Dignity maintained verified: yellow information box has been updated to align with HCA restraint policy.

For patients under continuous or frequent in-person observation or continuous audio/video monitoring, or if a paper checklist is used and scanned into the EHR/HPF medical record, the following may be used:

- Three times every hour
- Every 15 minutes per hour

(Prev Page)

Safety/Rights/Dignity maintained verified:

Alternatives attempted:



Violent episodes allow documentation of debriefing when Discontinued.

Circumstances leading to restraint/seclusion event will default the documented response to the Clinical justification filed with the Start.

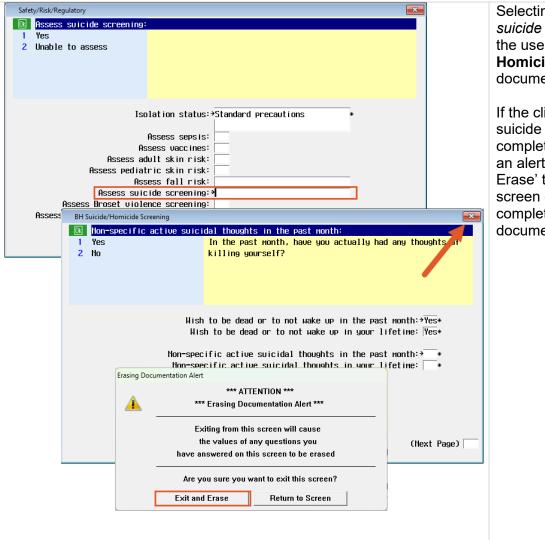
This is editable but will not allow the addition of NV selections.

Suicide Screening Functionality Update



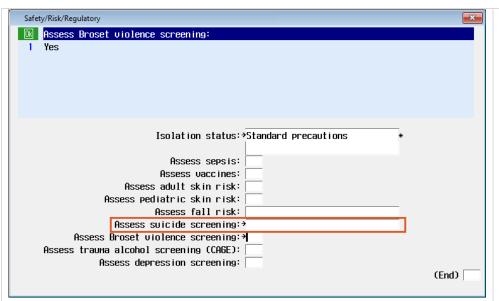
Currently, if the clinician exits the suicide screening without completing documentation, it appears as if the screening was completed, as it retains 'Yes' in the *Assess suicide screening* field. This results in no-risk level being assigned or reported to the provider and is a potential safety concern for patients.

To reduce the potential safety concerns, if the clinician <u>exits</u> the Suicide Screening/Rescreening screen without completing documentation, nothing will display in the field.



Selecting 'Yes' to the Assess suicide screening field will direct the user to the BH Suicide/ Homicide Screening documentation screen.

If the clinician decides to exit the suicide screening prior to completing the documentation, an alert will appear to 'Exit and Erase' to return to the main screen or "Return to Screen' to complete required documentation.



The Assess suicide screening field will now be blank and the system will move the cursor to the next field if the clinician exits the screening prior to completing the screening.

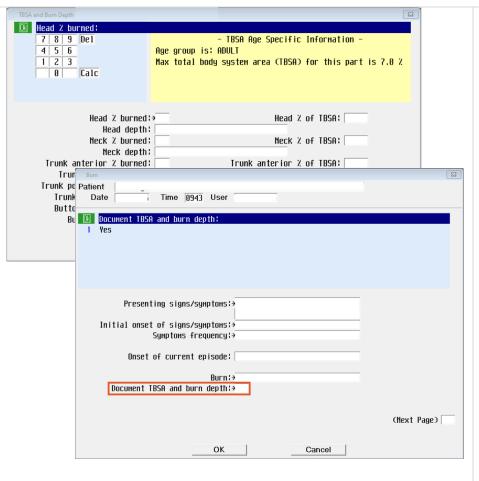
| Nursing | Emergency Department | Surgery |
|--------------------------------------|-----------------------------|------------------------------------|
| BH: OP Initial Nurse Assessment+ | Detailed Assessment | SURG: Safety/Risk/Regulatory PAC + |
| BH: Initial Nurse Assessment (INA) + | BH Level of Care Assessment | SURG: Safety/Risk/Regulatory + |
| BH: Nursing Reassessment | Non-Urgent General Focus | SURG: Safety/Risk/Regulatory Int + |
| BH: Psychosocial Assessment (PSA) + | | |
| BH: Level of Care Assessment + | | |
| Safety/Risk/Regulatory + | | |

TBSA and Burn Depth Removal Update



TBSA and burn depth will be removed from Nursing documentation and will be completed by the Burn physician using the Lund and Browder chart. Determination of TBSA with the use of Lund and Browder is a diagnosis and not within the nurse's scope. Nursing integumentary assessments will be documented within the following assessments/interventions:

- Admission/Shift Assessment: Skin Alteration
- Burn Assessment/Reassessment (for ED)



TBSA and burn depth will be removed nursing documentation interventions.

Document TBSA and burn depth will be removed from EDM documentation within the Burn assessment/reassessment

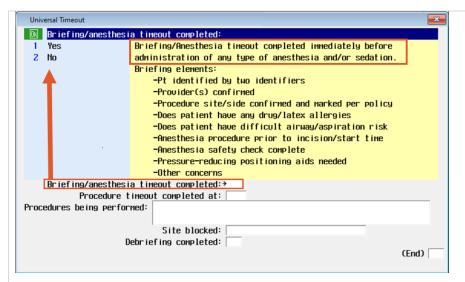
This update affects the following interventions/assessments:

| Nursing | Emergency Department |
|---------------------|----------------------|
| TBSA and Burn Depth | Burn Assessment |
| | Burn Reassessment |

Universal Timeout Updates



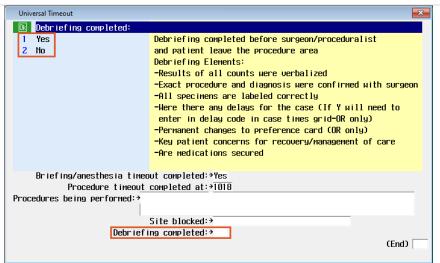
In the **Universal Timeout** intervention, the Briefing information field has been updated to align with corporate policy.



Briefing/anesthesia timeout completed has been updated with the following responses:

- Yes
- No

The yellow information box has been updated to align with corporate policy.



The *Debriefing completed* field has been updated with the following responses:

- Yes
- No

| Nursing | Emergency Department | Surgery |
|---------------------------|--------------------------|---------------------------------------|
| Universal Timeout | Universal Timeout | SURG: Universal Timeout Intra-op |
| Moderate Sedation | Moderate Sedation | SURG: Universal Timeout PACU |
| Lines, Drains, Airways | Lines, Drains, & Airways | SURG: Universal Timeout Pre-op |
| OB: OR Record | Temporary Pacemaker | SURG: Moderate Sedation Intra-op |
| Critical Care Flow Record | Newborn Stabilization | SURG: Moderate Sedation PAC |
| | | SURG: Moderate Sedation Pre |
| | | SURG: Lines, Drains, Airways Intra-op |
| | | SURG: Lines, Drains, Airways PACU |
| | | SURG: Lines, Drains, Airways Pre-op |
| | | Post Procedure Doc (Profile Screens) |

EDM Module Updates

Current documentation does not allow the capture of a cell phone number in the EDM Recept or Check-In screen. Future documentation will allow a cell phone number to be entered upon patient arrival during the Recept function.

