

Meditech Updates: 2018.3

Go-Live Dates: 09/10/18 Rehab

**09/24/18 Nursing includes Discharge and
Restraint updates**

**10/17/18 Restraints – Combined to one
order (More info to follow)**

In-Patient Nursing Screen Updates – 2018.3

Nursing Intervention Updates: In this PowerPoint

- Pacemaker Mode
- Pain Assessment
- Pediatric Asthma Score – New Intervention
(Current Pediatric Asthma intervention will be inactivated)
- Routine Daily Care
- Safety/Risk/Regulatory
- Severe Sepsis Screening
- Moderate Sedation – New Intervention
- Vaccine Screening

See additional PowerPoints for:

- Discharge Instructions/Process
- Restraints

Pacemaker mode

Temporary Pacemaker

Ok Pacemaker mode: [or free text]

1 AV	7 Fixed rate
2 Atrial demand	8 Ventricular
3 Atrial fixed	9 Ventricular demand
4 Atrial fixed/vent demand	10 Ventricular fixed
5 AV sequential	
6 Demand	

CVC/PICC/Midline: >

Pacemaker insertion site: Subclavian left

Pacemaker mode:

Pacer wires:

Pacemaker sensitivity (mV):

Pacemaker rate:

Pacemaker Atrial (mA):

Pacemaker Ventricular (mA):

(Next Page)

Temporary Pacemaker has additional Pacemaker mode group responses:

- AV
- Atrial demand
- Atrial fixed
- Atrial fixed/vent demand
- AV sequential
- Demand
- Fixed rate
- Ventricular
- Ventricular demand
- Ventricular f

Pain Assessment 06/09 1011 J00021041398 WHITE,TEST

Patient goal for pain management:

1 No pain-0	7 Moderate pain-6
2 Mild pain-1	8 Severe pain-7
3 Mild pain-2	9 Severe pain-8
4 Mild pain-3	10 Severe pain-9
5 Moderate pain-4	11 Severe/worst possible-10
6 Moderate pain-5	

Document objectives for pain management:→

Patient goal for pain management:→

Pain scale utilized:

Pain intensity:

Pain location:

Pain radiation:

Pain description:

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Patient goal for pain management options have changed to single-number pain goals and instead of ranges (this change occurs on multiple screens)

Pediatric Asthma Score New Intervention

A new Nursing, RT intervention and EDM Treatment were created to document a pediatric asthma score.

* EDM Treatment name: PEDASTHMA

1. Mental status was included to provide further information for the state of the patient. This query is not included in the overall score
2. Respiratory rates are age specific and include different ranges for each age (demo is on a 7 y/o patient)

The cumulative score will display in the yellow information box for all queries for the user to see at each entry

3. The next four queries are not age specific and include further clarification in the yellow information box.

Pediatric Asthma Score 05/24 0954 J00021041398 WHITE,TEST

Mental status:

- 1 Normal/mildly irritable
- 2 Irritable/agitated
- 3 Lethargic

Mental status: 1 *

Pediatric Asthma Score 05/24 1010 J00021104894 WHITE,PEDSFEMALE

Respiratory rate (ages 6-12):

- 0 0-RR 26 or less 0-Respiratory rate less than or equal to 26
- 1 1-RR between 27-30 1-Respiratory rate between 27 and 30
- 2 2-RR 31 or greater 2-Respiratory rate greater than or equal to 31

Total pediatric asthma score: 0

Mental status: Normal/mildly irritable *

Respiratory rate (ages 2-3):

Respiratory rate (ages 4-5):

Respiratory rate (ages 6-12): 2 *

Respiratory rate (ages 13-18):

Room air SpO2: *

Retractions: *

Auscultations: *

Dyspnea: *

Total pediatric asthma score: 0 - Mild

Pediatric Asthma Score New Intervention

Pediatric Asthma Score 05/24 0954 J00021041398 WHITE,TEST

Total pediatric asthma score:

Total pediatric asthma score: 2

Score of 0-2 = Mild
Score of 3-5 = Moderate
Score of 6-10 = Severe

Last 4 PED ASTHMA Entries (Past 7 days)		
Date	Time	Total Score
05/24	1010	10 - Severe
05/25	1045	4 - Moderate

Mental status: →Normal/mildly irritable *

Respiratory rate (ages 2-3):

Respiratory rate (ages 4-5):

Respiratory rate (ages 6-12):

Respiratory rate (ages 13-18):

Room air SpO2: →0-94% and greater *

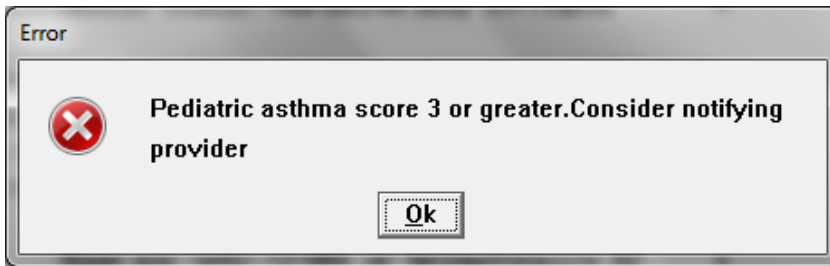
Retractions: →0-No/mild retractions *

Auscultations: →1-Expiratory wheezing *

Dyspnea: →1-Speak part sent/PO poor *

Total pediatric asthma score: →2 (End)

- The total score will display and will indicate if the score is “Mild, Moderate, or Severe”
- The yellow information box displays the scale
- The white PCI information box shows the past 4 entries (Past 7 days).



If the evaluation results in a score of 3 or greater, a pop up will display **“Consider Notifying the Provider”**

Routine Daily Care

Daily Care Routine x

Specialty bed: [or free text]

- 1 Air fluidized ? Pulmonary therapy
- 2 Bariatric low air loss
- 3 Basic air
- 4 Low air loss
- 5 Low air loss w alt press
- 6 Memory foam

Activity:→

Level of assistance:

Assistive devices:

Ambulation duration (minutes):

Specialty bed:→

Head of bed elevation:

Transport method:

Appetite:

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Specialty Bed added. It allows free text response. This query is related to the billing process.

Safety/Risk/Regulatory

Safety/Risk/Regulatory 06/07 1543 J00021041398 WHITE,TEST

Assess suicide:

- 1 Yes
- 2 Unable to assess

Suicide should be documented at admission and any change in status.

Last documented:
Patient is at risk for suicide:
Yes - 03/19/18 at 1305

Isolation status: → Standard precautions *

Assess sepsis:

Assess vaccines:

Assess adult skin risk:

Assess pediatric skin risk:

Assess fall risk:

Assess suicide: →

Assess restraints:

Assess Broset violence screening:

Assess trauma alcohol screening (CAGE):

Assess stroke depression screening:

(End)

Suicide Screening:

Online documentation was updated to display the last screening for suicide result and the date/time last assessed

If not yet assessed, the online documentation will indicate *no results found*

Unable to assess was added to the list of options for assessing suicide

Severe Sepsis Screening

Severe Sepsis Screening

Temperature:

✓ 1 Yes Less than 96.8 F Greater than 101.0 F
 2 No Less than 36.0 C Greater than 38.3 C

Last 4 SIRS Criteria Entries (Past 2 days)

Date	Time	TempF	TempC	P	R	BP	Date MD	Time MD
04/16	0948	102.1		92	39			

Temperature: → No * WBC results: _____
 Heart rate: → No * _____
 Respirations: → Yes * _____

If yes to 2 or more

ERROR: This answer cannot be edited directly.

Ok

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To ensure alignment with the SPOT monitoring systems, the SIRS criteria responses will default in and the responses are no longer editable. Temperature, Heart rate, and Respirations were set to uneditable. This will no longer allow the user to edit the entries. Progressing through the screening has not changed and will continue based off the established criteria

Moderate Sedation Screens

New Intervention

Description	Number
Moderate Sedation +	220449
Moderate Sedation Intra Procedure +	220447
Moderate Sedation Post Procedure +	220448
Moderate Sedation Pre Procedure +	220446

Accessing the interventions:

Nursing Module: A new standalone intervention **Moderate Sedation +** replaces the three previous standalone screens:

(Moderate Sedation Intra Procedure +, Moderate Sedation Post Procedure +, Moderate Sedation Pre Procedure)

Standalone Intervention

A new standalone intervention was created for Nursing, ED, and OR Modules. Each phase of the procedure is housed within one screen

Moderate Sedation

Moderate sedation phase:

- 1 Pre-procedure
- 2 Proc/anesthesia timeout
- 3 Intra-procedure
- 4 Post-procedure

Moderate sedation phase: ▾

(End)

Moderate Sedation

Moderate sedation phase:

- 1 Pre-procedure
- 2 Proc/anesthesia timeout
- 3 Intra-procedure
- 4 Post-procedure

Moderate sedation phase: > _____ *

Moderate Sedation: Pre-proc

Procedure planned: [or free text]

1 Bronchoscopy	7 Removal of foreign body	Currently pregnant: Yes
2 Burn debridement	8 Suturing	
3 Cardiac cath	9 Synchronize cardioversion	
4 Endoscopy	10 Wound care	
5 Fracture/dislocation	11 Wound/burn cleaning	
6 Rapid sequence intubation	12 Wound/burn dressing	

1 Sedation assessment time: > 1150* _____

Procedure planned: > _____

Document language assistant:

Pt and/or guardian educated on procedure/treatment:

Physician: _____

Procedure consent on chart:

Pre-sedation comments: _____

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1. **Sedation Assessment time** added. (Programming note: This time-stamps all of the documentation in PCI as the user progresses through the *Intra-* and the *Post-Procedure* screens)

The *Pre-procedure* screen's programming defaults in *currently pregnant* documentation from the Admission Assessment (Female patients within the age requirements for this query). The yellow information box displays it after the *Sedation assessment* time is entered

Moderate Sedation: Pre-proc

Procedure planned: [or free text]

1 Bronchoscopy	7 Removal of foreign body	Currently pregnant: Yes
2 Burn debridement	8 Suturing	
3 Cardiac cath	9 Synchronize cardioversion	
4 Endoscopy	10 Wound care	
5 Fracture/dislocation	11 Wound/burn cleaning	
6 Rapid sequence intubation	12 Wound/burn dressing	

Sedation assessment time: → 1150*

2 Procedure planned: →

3 Document language assistant: →

Pt and/or guardian educated on procedure/treatment: →

Physician:

Procedure consent on chart:

Pre-sedation comments:

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2. *Procedure planned* has updated group response as well as free text option.

3. *Language Assistant* documentation was updated to have a pop screen for details. Information may default in if documented within the Admission registration screens.
 (Note: The EDM version now matches the nursing screen.)

Language Assistant

Preferred language:

1 2 3 4 5 6 7 8 9 0 Del

Q W E R T Y U I O P \

A S D F G H J K L

Z X C V B N M , . Lookup

4 Preferred language: ENG ENGLISH

Interpreter offered:

Language line operator number:

5 How did you access an interpreter:

Video monitor used:

Date called/paged:

Time called/paged:

Date called back:

Time called back:

Language comment:

4. **Preferred language** defaults in if previously documented. Interpreter offered does not default in.

5. New queries include interpreter information

Moderate Sedation: Pre-proc

06/11 1553 J00021069561 KRAFT, DEMO

Pt and/or guardian educated on procedure/treatment:

1 Yes Please provide educational details in the teach/educate intervention.

2 No

Sedation assessment time: 1055*

Procedure planned: Cardiac cath

Document language assistant: Yes

6 Pt and/or guardian educated on procedure/treatment:

Physician:

Procedure consent on chart:

Pre-sedation comments:

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6. **Pt and/or guardian educated on procedure/treatment** is documented here but details are to be recorded in the **Teach/educate** intervention (New yellow information box).

7 Airway assessment: (or free text)

Select All

Opens mouth easily

Flexes neck easily

Sticks out tongue easily

Neck free of edema/mass

Mouth free of edema/mass

Airway assessment:

Airway limitations:

Mouth/throat and facial abnormalities:

8 Document sleep apnea screening:

Level of consciousness:


(Prev Page) (Next Page)

7. Airway documentation added. **Select All** and **free text** capabilities are available.

8. The screen can now pop to the *sleep apnea screening* (No changes in this screen, just here for ease of access).

9

Error

 No BMI. Cannot score for risk for sleep apnea.

Ok

Have you ever been advised/treated for sleep apnea:

Do you use a CPAP machine:

Do you snore loud and/or frequently:

Do you regularly feel tired after sleeping all night:

Have you ever nodded off while driving even though you were well rested:

Have you been diagnosed with high blood pressure:

BMI calculated:

BMI greater than 30:

Patient has increased risk for sleep apnea:

(End)

9. Reminder: If the Height/weight is not documented, the user will not be able to complete the sleep apnea screening (No change in functionality)

Moderate Sedation: Pre-proc

Pre-procedure consciousness:

1	0-Not responding	- Not responding
2	1-Arousable to voice/verb	- Arousable to voice/verbal stimuli
✓ 3	2-Fully awake	- Fully awake

10

Pre-procedure activity:

Pre-procedure respirations:

11

Pre-procedure consciousness:

Pre-procedure O2 saturation:

Pre-procedure anesthesia score:

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10. The *pre-procedure circulation* query defaults, as a score of **2-current BP is baseline** (used for purposes of calculating a baseline score).

11. The *Pre-procedure anesthesia* score is tallied at the bottom of the screen and in the yellow information box. (See next slide)

Moderate Sedation: Pre-proc

Pre-procedure anesthesia score:

Pre-procedure anesthesia score: 10

Pre-procedure activity: 2-Moves all 4 extremities
Pre-procedure respirations: 2-Breathes deeply/coughs
Pre-procedure circulation: 2-Current BP is baseline
Pre-procedure consciousness: 2-Fully awake
Pre-procedure O2 saturation: 2-O2 sat greater than 92

12 Pre-procedure anesthesia score: 10

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12. The PARS begins here. The *Pre-procedure anesthesia* queries calculate the *Pre-procedure anesthesia score*. The scoring summing scale displays the actual score on the left in the yellow information box.

Note: this score carries over and display on the post-procedure screen, allowing the user to compare each pre-procedure response as well as the total score when doing the PARS scoring in the post-procedure.

Moderate Sedation: Pre-proc

Monitored heart rhythm:

- 1 Sinus +
- 2 Atrial +
- 3 Junctional +
- 4 Blocks +
- 5 Ventricular +
- 6 Pacing +

Monitored heart rhythm:

Document pain assessment:

Last solids date:

Last solids time:

Moderate Sedation: Pre-proc

Suction/crash cart available:

- 1 Yes

Suction/crash cart available: *

IV site checked for patency:

(Prev Page) (End)

13. Next, *monitored heart rhythm, pain assessment* (carries over in to next screens), and *last intake date/time* are available

14. The final page addresses suction/crash cart availability (required) and IV site patency.

Clicking end files the pre-procedure phase.

Moderate Sedation

Moderate sedation phase:

- 1 Pre-procedure
- 2 Proc/anesthesia timeout
- 3 Intra-procedure
- 4 Post-procedure

Moderate sedation phase:→ *

The Timeout queries have not changed; they moved from *Pre-procedure* to this separate phase within the *Moderate Sedation* intervention.

Universal Timeout

Briefing/anesthesia timeout completed:

- 1 Yes
- 2 No
- 3 Not applicable

ing required ONLY when anesthesia or sedation provided to patient. Briefing/Anesthesia timeout completed immediately before administration of any type of anesthesia and/or sedation.

Briefing elements:

- Pt identified by two identifiers
- Provider(s) confirmed
- Procedure site/side confirmed and marked per policy
- Does patient have any drug/latex allergies
- Does patient have difficult airway/aspiration risk
- Anesthesia procedure prior to incision/start time
- Anesthesia safety check complete
- Pressure-reducing positioning aids needed
- Other concerns

Briefing/anesthesia timeout completed:→

Procedure timeout completed at:

Procedures being performed:

Site blocked:

Debriefing completed: (End)

Moderate Sedation – Intra-Procedure

Moderate Sedation

Moderate sedation phase:

- 1 Pre-procedure
- 2 Proc/anesthesia timeout
- 3 Intra-procedure
- 4 Post-procedure

Moderate sedation phase: > _____ *

Moderate Sedation: Intra-proc

Procedure start date:

Calendar | Del

Today

Tomorrow

1 Procedure start date: > _____ *

Procedure start time: _____ *

Sedation assessment time: _____ *

2 Airway patent:

Artificial airway:

Airway type: _____

Respirations even and unlabored:

Respiratory effort and pattern: _____

(Next Pa

The Intra-procedure routine allows for rapid and repeated entry ability for each data point/assessment episode.

1. The **Procedure start date/time** were added. These values will save and default in once this screen is initially filed.
2. The **Sedation assessment time** is requested every time this screen is entered. This time carries over into PCI, displaying the sedation assessment time as the assessment was done and meds were given. Respiratory assessment queries added. (skip logic if no artificial airway noted)

Moderate Sedation – Intra-Procedure

Moderate Sedation: Intra-proc

Blood pressure:

7	8	9	Del
4	5	6	
1	2	3	
/	0		

Last 6 Vital Signs Entries (For Today)

Time	Phase	BP	HR	RR	SPO2%	ETCO2	O2LPM
0800	Pre-procedure	132/66	68	20	98		
	Intra-procedure						
0807	Intra-procedure	132/66	68	22	96		
0830	Intra-procedure	128/90	72	20	98	43	

Blood pressure:

Pulse:

Respiratory rate:

SPO2 %:

ETCO2:

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The second screen provides vital signs documentation onscreen, displaying the last six vital signs entries (for today).

Note: the *temperature* is not included in the intra-procedure vital signs.

Moderate Sedation: Intra-proc

Oxygen delivery devices:

<input type="checkbox"/> Room air	<input type="checkbox"/> Face mist tent	<input type="checkbox"/> RAM cannula
<input type="checkbox"/> Nasal cannula	<input type="checkbox"/> High flow nasal cannula	<input type="checkbox"/> Resuscitation bag/mask
<input type="checkbox"/> Mask +	<input type="checkbox"/> High frequency vent +	<input type="checkbox"/> T piece
<input type="checkbox"/> Ventilator	<input type="checkbox"/> Nasal IPPV	<input type="checkbox"/> Tracheostomy collar
<input type="checkbox"/> Airway pressure device +	<input type="checkbox"/> Oxygen hood	<input type="checkbox"/> Transtracheal
<input type="checkbox"/> Blow by	<input type="checkbox"/> Oxyimizer	

Oxygen delivery devices:

O2 Liters per minute:

Monitored heart rhythm:

Document pain assessment:

Level of consciousness:

Document RASS:

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The next page addresses oxygen delivery devices, heart rhythm, and pain assessment.

Moderate Sedation – Intra-Procedure

Moderate Sedation: Intra-proc

Intra-procedure medication: [or free text]

1 Brevital IV	5 Ketamine IM	9 Propofol IV
2 Chloral hydrate PO	6 Ketamine IV	10 Romazicon IV
3 Etonidate IV	7 Narcan IV	11 Versed IV
4 Fentanyl IV	8 Pentothal IV	12 Versed PO

Last 5 Medications Entries (For Today)

Time	Intra-proc Med	Dose Amt	Sec Med	Sec Dose Amt
0800				
0830				
0910	Versed IV	1 mg		
0845	0910	1 mg		
0910	Versed IV	1 mg		

Intra-procedure medication:

Intra-procedure dose amount:

Intra-procedure medication:

Intra-procedure dose amount:

Intra-procedure sedation comment:

Intra-procedure meds are documented next. **Note:** the last 5 Intra-proc medications administered may be trended on the screen. The group response options have been enhanced. Free-text is available.

Moderate Sedation: Intra-proc

Procedure completed date:

Calendar Del

Today

Tomorrow

Only enter complete date and time when done documenting intra-procedure phase.

Procedure completed date:

Procedure completed time:

I was present as the independent trained observer:

Independent trained observer present:

Name of independent trained observer:

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(End)

The *completed date* and *completed time* are what ends the intra-procedure documentation episode. **Note:** The *Independent trained observer* becomes required when completed date/time documented. This is a billing and regulatory element; this is the functionality of the documenter as the trained observer to complete for him/herself or for the trained observer present.

Programming note: If returning to the *Intra-procedure* screens after documentation occurred on the *Post-Procedure* screens, a warning message displays.



Moderate Sedation – Post-Procedure

Moderate Sedation

Moderate sedation phase:

- 1 Pre-procedure
- 2 Proc/anesthesia timeout
- 3 Intra-procedure
- 4 Post-procedure

Moderate sedation phase: *

The Moderate Sedation Post procedure Sedation Assessment time stamp has been added. This time carries over into PCI. Instead of the time stamp on the documentation, the screen sets this as the time the assessment was done and meds were given.

Moderate Sedation: Post-proc

Debriefing completed:

- 1 Yes
- 2 No
- 3 Not applicable

Debriefing completed before surgeon/proceduralist and patient leave the procedure area

Debriefing Elements:

- Results of all counts were verbalized
- Exact procedure and diagnosis were confirmed with surgeon
- All specimens are labeled correctly
- Were there any delays for the case (If Y will need to enter in delay code in case times grid-OR only)
- Permanent changes to preference card (OR only)
- Key patient concerns for recovery/management of care
- Are medications secured

Sedation assessment time: *

Debriefing completed:

Reversal agent given:

Patient monitored two hours post reversal agent:

Reason patient not monitored after reversal agent given:

*Reason patient not monitored after reversal agent given becomes required if Patient monitored two hours post reversal agent is answered **No**.*

Moderate Sedation: Post-proc

Airway patent:

- 1 Yes
- 2 No

Airway patent:

Artificial airway:

Airway type:

Respirations even and unlabored:

Respiratory effort and pattern:

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This Post-proc screen aligns the airway assessment to appear in the same order as on the Pre- and Intra-procedure screens (coming next in the workflow within each phase).

Moderate Sedation – Post-Procedure

Moderate Sedation: Post-proc

Temperature F:

7	8	9	Del
4	5	6	
1	2	3	
	0	.	Calc

Pre-procedure temperature F: 98.8
 Pre-procedure blood pressure: 132/68
 Pre-procedure pulse: 82
 Pre-procedure respiratory rate: 22
 Pre-procedure SPO2 %: 98
 Pre-procedure ETCO2: 22

Last 4 Vital Signs Entries (For Today)

Time	Phase	BP	HR	RR	SPO2%	ETCO2	O2LPM
1155	Proc/anesthesia timeout						
1210	Intra-procedure	126/62	76	18	98		
1218	Intra-procedure						

Temperature F: >
 Temperature C:
 Blood pressure:
 Pulse:
 Respiratory rate:
 (Prev Page)

The *Post procedure* screen was updated to remove the RASS documentation.

Note: The yellow information box displays the last documentation from the pre-procedure documentation. The white PCI Info box displays the last 4 vital sign entries.

Moderate Sedation: Post-proc

SPO2 %:

7	8	9	Del
4	5	6	
1	2	3	
	0	.	Calc

Pre-procedure temperature F: 98.8
 Pre-procedure blood pressure: 132/68
 Pre-procedure pulse: 82
 Pre-procedure respiratory rate: 22
 Pre-procedure SPO2 %: 98
 Pre-procedure ETCO2: 22

Last 4 Vital Signs Entries (For Today)

Time	Phase	BP	HR	RR	SPO2%	ETCO2	O2LPM
1155	Proc/anesthesia timeout						
1210	Intra-procedure	126/62	76	18	98		
1218	Intra-procedure						

SPO2 %: >
 ETCO2:
 Oxygen delivery devices:
 O2 Liters per minute:
 (Prev Page) (Next Page)

Moderate Sedation: Post-proc

Post-procedure medication: [or free text]

- 1 Narcan IV
- 2 Romazicon IV

Last 5 Medications Entries (For Today)

Time	Intra-proc Med	Dose Amt	Sec Med	Sec Dose Amt
1210	Fentanyl IV	1 mg	Propofol IV	PUMP
1218	Propofol IV	PUMP		
1225				
1240	Propofol IV	PUMP		
1255	Propofol IV	PUMP		

Post-procedure medication: Narcan IV

Post-procedure dose amount: 0.4 MG *

Post-procedure medication: >

Post-procedure dose amount: >

Post-procedure comment:

(Prev Page) (Next Page)

The reversal agents are available on the medication screen.

The intra--procedure medications are displayed as a frame of reference within the white PCI query box.

Moderate Sedation – Post-Procedure

Moderate Sedation: Post-proc

Post-procedure activity:

- 1 0-Unable to move extremities - Unable to move extremities
- 2 1-Moves only 2 extremity - Moves two extremities voluntarily or on command
- 3 2-Moves all 4 extremities - Moves all four extremities voluntarily or on command

Pre-procedure activity: 2-Moves all 4 extremities

Pre-procedure anesthesia score: 10

Post-procedure activity:

Post-procedure respirations:

Post-procedure circulation:

Post-procedure consciousness:

Post-procedure O2 saturation:

Post anesthesia recovery score:

The PARS continues here. The same scoring and summing functionality displays as in the Pre-procedure screen. The yellow information box displays a full explanation of the individual query's summing scale.

The *pre-procedure activity* is defined in the Yellow information box.

The *pre-procedure anesthesia score* is the viewed in the first query.

Moderate Sedation: Post-proc

Post anesthesia recovery score:

Post anesthesia recovery score: 7

A post anesthesia score (PAR) of 9 or 10 is indicative of the patients readiness to move from post anesthesia care. PAR score is determined by the response to the previous queries on this screen. To adjust the PAR score please change the values of the previous queries.

Pre-procedure anesthesia score: 6

Post-procedure activity: 1-Moves only 2 extremity

Post-procedure respirations: 1-Dyspneic, shallow breath

Post-procedure circulation: 2-BP 20% Pre-anesthesia

Post-procedure consciousness: 1-Arousable to voice/verb

Post-procedure O2 saturation: 2-O2 sat greater than 92

Post anesthesia recovery score: 7

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The *Post-procedure anesthesia* queries calculate the *Post-procedure anesthesia score*. The yellow information box will give more information regarding the post anesthesia score.

Moderate Sedation: Post-proc

Return to baseline status:

- 1 Yes
- 2 No

Patient met criteria for discharge: Yes
Return to baseline status:

Post sedation comments:

(Prev Page) (End)

The last page documents the patient's criteria for discharge.

Vaccine Screening

ALERT: Vaccine Assessment Prior Status Found



Patient's current vaccine status is "FLU DUE".

Patient's current Pneumococcal status is "Allergy/sensitive/contra"

Would you like to reassess Vaccine Status?

Yes

No

Notification to user that vaccine screening has already been filed for current visit

Reminders -Message will differ based on patient scenario
-Blank queries will not display in pop-up message

ALERT: Vaccine Assessment Prior Status Found



Patient's current vaccine status is "NOT A CANDIDATE".

Patient's current Influenza status is "Received prior to admisss".

Patient's current Pneumococcal status is "Received in the past".

Would you like to reassess Vaccine Status?

Yes

No

Vaccine Screening

1. New online documentation information
2. New group response with added selection of “Yes, discharging patient”

Vaccine Screening Assessment 07/31 0853 J00021135460 VA 1 LIE

Unable to assess:

- 1 Yes
- 2 Yes, discharging patient

2

If able to assess vaccine status, skip this question and click next page.

Per CDC guidelines, when indicated, administer recommended vaccines to adults whose vaccination history is incomplete or unknown.

-- Flu Season: 09/01/17 thru 09/30/18 --

Unable to assess:

Reason unable to assess:

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Vaccine Screening

- Pregnancy query and programming removed (evidence-based)

Estimated pneumococcal PCV13 vaccine admin date:
Estimated pneumococcal PPSV23 vaccine admin date:
Was that your second PPSV23 vaccination:
Estimated pneumococcal vaccine admin date type unknown:

Currently pregnant: *



OLD

Estimated pneumococcal PCV13 vaccine admin date:
Estimated pneumococcal PPSV23 vaccine admin date:
Was that your second PPSV23 vaccination:
Estimated pneumococcal vaccine admin date type unknown:

Pregnancy query removed



NEW

Vaccine Screening

Comorbid factors

- New group response with added selection of “Unknown”
- Functionality is same as “None”

Vaccine Screening Assessment 07/18 1424 J00021135482 VACC,ANGELA

Comorbid factors:

<input type="checkbox"/> 1 None	<input type="checkbox"/> 9 Chronic heart disease	<input type="checkbox"/> 17 Functional asplenia
<input type="checkbox"/> 2 Alcoholism	<input type="checkbox"/> 10 Chronic liver disease	<input type="checkbox"/> 18 HIV infection
<input type="checkbox"/> 3 Asthma pt 19 yr and older	<input type="checkbox"/> 11 Chronic lung disease	<input type="checkbox"/> 19 Immunosuppression
<input type="checkbox"/> 4 CHF	<input type="checkbox"/> 12 Chronic renal failure	<input type="checkbox"/> 20 Multiple myeloma
<input type="checkbox"/> 5 COPD	<input type="checkbox"/> 13 Cirrhosis	<input type="checkbox"/> 21 Nephrotic syndrome
<input type="checkbox"/> 6 CSF leak	<input type="checkbox"/> 14 Cochlear implant	<input type="checkbox"/> 22 No spleen
<input type="checkbox"/> 7 Cancer - any type	<input type="checkbox"/> 15 Diabetes	<input type="checkbox"/> 23 Pneumonia/resp disease
<input type="checkbox"/> 8 Cardiac disease	<input type="checkbox"/> 16 End stage renal disease	<input type="checkbox"/> 24 or<F9> For More Options

-- Flu Season: 09/01/17 thru 09/30/18 --

Comorbid factors:>

Comorbid factors: Lookup

Select

Options

- 1 Pulmonary disease
- 2 Sickle cell disease
- 3 Smoking pt 19yr and older
- 4 Stroke
- 5 Transplanted heart
- 6 Transplanted kidney
- 7 Transplanted liver
- 8 Transplanted lung
- 9 Unknown**

Message



Are you sure comorbid factors are unknown? Please review list to ensure patient is screened appropriately.

Ok

Vaccine Screening

Contraindications (Pneumococcal and Influenza Vaccines)

- New group response with added selection of “Unknown”
- Functionality is same as “None”

Vaccine Screening Assessment 07/18 1424 J00021135482 VACC,ANGELA

Pneumococcal vaccine contraindications:

<input type="checkbox"/> 1 None	1 None
<input type="checkbox"/> 2 Reaction to Diphtheria va	2 Severe anaphylactic reaction to any diphtheria toxoid-containing vac
<input type="checkbox"/> 3 Reaction to Pneumo vac	3 Severe anaphylactic reaction to pneu vac
<input type="checkbox"/> 4 Unknown	4 Unknown

-- Flu Season: 09/01/17 thru 09/30/18 --

Comorbid factors: None *

Pneumococcal vaccine contraindications: *

Vaccine Screening

PrevPage and Next Page Functionality

- “PrevPage” and “Next Page” functionality disabled on pages 3 –6 of vaccine screening tool
- *Rationale* –Each query must be answered in order for the programming to accurately assess the patient and determine the vaccination status

Vaccine Screening Assessment 06/06 0936 J00021105055 CHRISTMAS,MARY

Comorbid factors:

1 <input type="checkbox"/> None	9 <input type="checkbox"/> Chronic heart disease	17 <input type="checkbox"/> Functional asplenia
2 <input type="checkbox"/> Alcoholism	18 <input type="checkbox"/> Chronic liver disease	18 <input type="checkbox"/> HIV infection
3 <input type="checkbox"/> Error	19 <input type="checkbox"/> Lung disease	19 <input type="checkbox"/> Immunosuppression
4 <input type="checkbox"/> Error	20 <input type="checkbox"/> Chronic renal failure	20 <input type="checkbox"/> Multiple myeloma
5 <input type="checkbox"/> Error	21 <input type="checkbox"/> Dis	21 <input type="checkbox"/> Nephrotic syndrome
6 <input type="checkbox"/> Error	22 <input type="checkbox"/> ar implant	22 <input type="checkbox"/> No spleen
7 <input type="checkbox"/> Error	23 <input type="checkbox"/> es	23 <input type="checkbox"/> Pneumonia/resp disease
8 <input type="checkbox"/> Error	24 <input type="checkbox"/> age renal disease	24 <input type="checkbox"/> or<F9> For More Options

-- Flu Season: 09/01/17 thru 09/30/18 --

Pneu

Complete contraindications. If already completed, use OK button or Enter key to advance. Next Page functionality disabled on this screen.

Ok

Patient or caregiver reports up to date on pneumococcal vaccine:

(Prev Page) Disabled (Next Page)

Vaccine Screening

Patient or Home Caregiver Agrees to Receive...

- New group response with additional selection of “Giving per CDC Guidelines”
- “Giving per CDC guidelines” defaults and is not editable if both of the following criteria are met:
 1. “Yes, discharging patient” is selected on “Unable to assess”
 2. Patient is eligible
- Unless these criteria are met, user cannot select “Giving per CDC guidelines”



Patient or home caregiver agrees to receive pneumococcal vaccine:

1 Yes, ACCEPTS

2 No, REFUSES

3 Giving per CDC guidelines

-- Flu Season: 09/01/17 thru 09/30/18 --

Patient or home caregiver agrees to receive pneumococcal vaccine:

Giving per CDC guidelines

Patient or home caregiver agrees to receive influenza vaccine:

Giving per CDC guidelines

Vaccine Screening

- Two new “Vaccine Status” responses added
 - “REFUSED IN ASSESSMENT”
 - “REFUSED VACCINE IN eMAR” which only displays on Discharge Instructions

The screenshot displays a software window titled "Vaccine Screening Assessment 07/18 1642 J00021135482 VACC,ANGELA". The main window contains a yellow area with the text "Hit ENTER to continue." and a red banner indicating the "Flu Season: 09/01/17 thru 09/30/18". Below this, the "Vaccine status" is set to "REFUSED IN ASSESSMENT". The "Influenza vaccination status" and "Pneumococcal vaccination status" are both set to "Pt or caregiver's refusal".

A smaller window titled "TACANDIDATE,TEST" is open, showing a "min date:" field with "--" and instructions: "estimate of Vaccination date. If unsure of first day of the month. If unsure of the distant month given. e the date than to leave the date blank. e the date blank."

Below the main window, another red banner indicates the "Flu Season: 09/01/17 thru 09/30/18". This section shows fields for "Estimated pneumococcal PCV13 vaccine admin date:", "Estimated pneumococcal PPSU23 vaccine admin date:", "Estimated pneumococcal vaccine admin date type unknown:", and "Estimated influenza vaccine admin date:". Below these, the "Vaccine status" is set to "REFUSED VACCINES IN eMAR". The "Influenza vaccination status" and "Pneumococcal vaccination status" are both set to "Pt or caregiver's refusal".

Vaccine Screening

Unable to Assess Restriction

Once a "Vaccine Status" has been established, user cannot re-screen and then select "Unable to Assess"

The screenshot displays a software window titled "Vaccine Screening Assessment 07/18 1657 J00021134696 NOTACANDIDATE,TEST". The main interface shows a list of options under the heading "Unable to assess:":

- 1 Yes
- 2 Yes, discharging patient

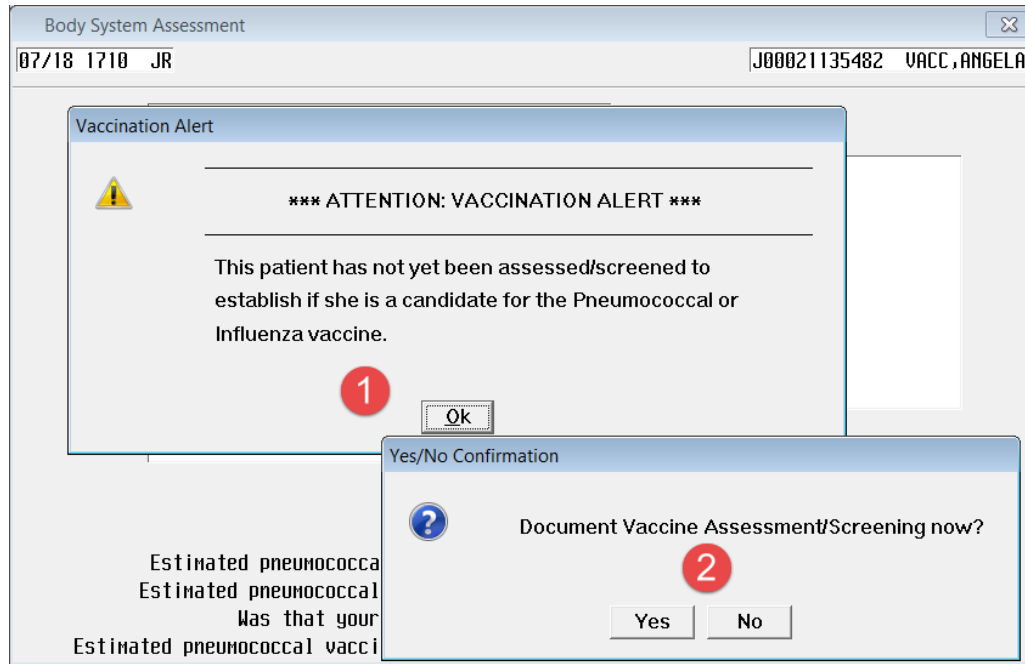
A red circle with the number "2" is placed next to the second option, and a red arrow points from it to a "Flu" button. A yellow sticky note is overlaid on the interface with the text: "If able to assess, click next page. Per CDC guidelines, recommended vaccine history is incomplete." Below the options, there is a text field labeled "Reason unable to assess:" and a "Flu" button.

Overlaid on the interface are several message boxes:

- A message box with a blue header and an information icon (i) containing the text: "Vaccine Screening already done. Please exit." with an "Ok" button. A red circle with the number "4" is next to it.
- A message box with a blue header and an information icon (i) containing the text: "Status of 'FLU AND PPSV23 DUE' already established." with an "Ok" button. A red circle with the number "3" is next to it.
- An alert box with a yellow warning icon (!) and a blue header: "ALERT: Vaccine Assessment Prior Status Found". The text inside reads: "Patient's current vaccine status is 'FLU AND PPSV23 DUE'." followed by "Would you like to reassess Vaccine Status?" with "Yes" and "No" buttons. A red circle with the number "1" is next to the "Yes" button.

At the bottom right of the main window, there is a "(Next Page)" button.

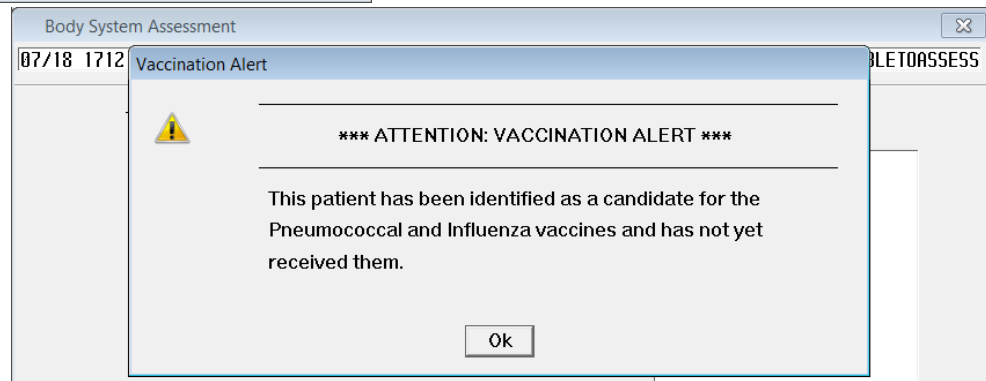
Vaccine Workflow Highlights



- User prompted to screen patient if not previously completed

User prompted to administer vaccines if due

Reminder – If the admission assessment is documented through ORM, user will NOT receive these prompts until 12 hours after admission



- Online documentation information displays:
 - Vaccine status
 - Influenza vaccine status
 - Pneumococcal vaccine status

Safety/Risk/Regulatory 07/18 1716 J00021134196 DILLARD,DARBY

Assess vaccines:

✓ 1 Yes Vaccine should be documented at admission

Vaccine Status: REC'D FLU VACCINE
Influenza vaccination status: Received during this hosp
Pneumococcal vaccination status: Pt or caregiver's refusal

Isolation status: Standard precautions *

Assess sepsis: >

Assess vaccines: > Yes

Assess adult skin risk: >

Assess pediatric skin risk: >

Vaccine Screening Discharge

1. Hard stop prevents user from documenting on Discharge Instructions when “Vaccine status” is “UNABLE TO ASSESS”
2. Online documentation information gives direction for “Yes, discharging patient” scenario
3. Designated users (defined in vaccine parameters) can be set up to bypass hard stop

The screenshot displays a software window titled "Vaccine Assessment at Discharge". Inside the window, a yellow warning icon is followed by the text: "Patient's current vaccine status is UNABLE TO ASSESS." Below this, an "ATTENTION" message states: "Still unable to assess, but discharging? The discharge assessment cannot be filed until the vaccine process is resolved. Return to vaccine assessment and document 'Unable to assess, but discharging patient' and complete vaccine assessment." An "Ok" button is visible at the bottom of this window, with a red circle containing the number "1" next to it.

An "ERROR" dialog box is overlaid on top of the main window. It features a yellow warning icon and the text: "ATTENTION: Assessment cannot be filed until the vaccine process is resolved. User must exit and complete the vaccine assessment." An "Ok" button is at the bottom of the dialog box, with a red circle containing the number "2" next to it.

Vaccine Screening Discharge

Date queries will auto-populate from previously filed vaccination screenings and/or from eMAR administration(s)

- Estimated pneumococcal and influenza date queries, “Vaccine status”, “Influenza vaccination status”, and “Pneumococcal vaccination status” queries default and are viewable on the first page of the discharge instructions

- Date queries are editable
- Status queries are not editable except in the event of a refusal

If the patient refuses at discharge, then the user will be prompted to document appropriately and the programming will update the status query

Discharge Instructions 07/26 1523 J00021134196 DILLARD,DARBY

Estimated influenza vaccine admin date:

Calendar Del -- INFLUENZA VACCINE --

Today -- DATE RETRIEVED FROM SYSTEM --

Tomorrow

Verify the date that just defaulted into the screen. If pt/family reports a more recent date, correct the date.

Estimated pneumococcal PCV13 vaccine admin date:

Estimated pneumococcal PPSV23 vaccine admin date: 07/20/18

Estimated pneumococcal vaccine admin date type unknown:

Estimated influenza vaccine admin date: 06/14/18

Vaccine status: REC'D FLU VACCINE

Influenza vaccination status- Received during this hosp

Pneumococcal vaccination status- Received during this stay

(Next Page)

Vaccine Screening Discharge Plan

- If not previously completed, Vaccine Screening can be assessed within the Discharge Plan (see steps 1 and 2)
- Previous Vaccine Screenings are viewable and editable (item 3)
- Vaccine administrations dates are viewable (item 4)

Discharge Plan

NICUREPORT, TESTING - 3Y 00M/F ADM IN CPN.NICU CPN.NIC3/6
U/A J000433465/J00021136370

Allergies/ADRs:

Discharge Plan Care Team

- Patient Problems Click any Problem to Edit

0 sections not complete

Plan Discharge Planned discharge or disposition date

Plan Dispo Against Medical Advice INTERMEDIATE CARE FACILITY
 ASSISTED LIVING FACILITY SELF CARE

- DISCHARGE EDUCATION

Assessments

Home Medication

Forms

Comments

- Other Information

Vaccines Vaccines administered during this visit

- e Links to Reference Information

Reference Links Reference web links

- Followup Orders

Followup Orders Follow up orders

DME Durable medical equipment orders

Preview Pt Report Print Packet Print Sections Finalize RX/Orders Exit Submit & Refresh Submit & Exit

Discharge Plan

DILLARD, DARBY - 35/F DOB 08/14/82 ADM IN J.IPLOC2 J.X2/D
U/A J000433228/J00021134196

Allergies/ADRs:

Discharge Plan Care Team

- Patient Problems Click any Problem to Edit

0 sections not complete

Plan Discharge Planned discharge or disposition date

Plan Dispo Against Medical Advice INTERMEDIATE CARE FACILITY
 ASSISTED LIVING FACILITY SELF CARE
 EXPIRED SNF

- DISCHARGE EDUCATION\INSTRUCTIONS

Assessments

Home Medication Patient has no Home Medications on file

Forms Custom forms

Comments Comments

- Other Information

Vaccines

FLU VACC QUAD 2017-18(6MOS UP) Last Adm: 06/14/18 1008
PNEUMOCOCCAL 23-VAL P-SAC VAC Last Adm: 07/20/18 1324

- e Links to Reference Information

Reference Links Reference web links

- Followup Orders

Followup Orders Follow up orders

DME Durable medical equipment orders

Preview Pt Report Print Packet Print Sections Finalize RX/Orders Exit Submit & Refresh Submit & Exit

Questions



**For questions or issues please contact the
Service Desk at 816-276-HELP**