

# Expanse Order Enhancements

## RT VENTILATOR SETTINGS

Changes go in effect Dec 17, 2025



The **RT Ventilator Settings** (RTVENTSETT.C.OM) screen was updated to account for more NICU options. These changes were made in collaboration with the Corporate Service Lines and Provider Product teams.

### RT Ventilator Settings (RTVENTSETT.C.OM)

**NEW SCREEN:**  
HCAOMRTVENT0005

RT Ventilator Settings

☐ Stat

☒ Routine \* New

\* Provider: Mt,Meditech

\* Source: System Dispense

\* Mode: AC  
Bilevel  
CPAP  
High frequency percussive  
Jet

\* Delivery:   
Support:   
Rate:

For “Mode” query, options added...

**CPAP**  
**Pressure control**  
**Pressure reg volume contr**

And all options are now alphabetized.

RT Ventilator Settings

☐ Stat

☒ Routine \* New

\* Provider: Mt,Meditech

\* Source: System Dispense

\* Mode: MMV  
NAVA  
Oscillator  
PAS/ASV  
Pressure control

\* Delivery:   
Support:   
Rate:

RT Ventilator Settings

☐ Stat

☒ Routine \* New

\* Provider: Mt,Meditech

\* Source: System Dispense

\* Mode: Pressure control  
Pressure reg volume contr  
SIMV  
Spontaneous  
Other

\* Delivery:   
Support:   
Rate:

## RT Ventilator Settings

* Source	Telephone Order Read-Back
* Mode	Jet
* Delivery	
Respiratory rate (breaths/min)	
Backup respiratory rate (breaths/min)	
Support	
Rate	
PEEP (cmH2O)	
High PEEP (cmH2O)	
Low PEEP (cmH2O)	
FiO2 %	
Tidal volume (mL)	
Pressure support (PS) (cmH2O)	
Target tidal volume (mL)	
Bi-level	
Inspiratory time (sec)	
Expiratory time (sec)	
Peak Inspiratory Pressure (PIP) (cmH2O)	
Backup Peak Inspiratory Pressure (PIP) (cmH2O)	

IF "JET" is selected as Mode, 3 new queries populate (and are NOT required):

**Backup Peak Inspiratory Pressure (PIP) (cmH2O)**  
(number)

**Respiratory rate (breaths/min)**  
(number)

**Backup respiratory rate (breaths/min)**  
(number)

## RT Ventilator Settings

☐ Stat



Routine

* Provider	Mt, Meditech
* Source	Telephone Order Read-Back
* Mode	Pressure control
* Delivery	
Respiratory rate (breaths/min)	
Backup respiratory rate (breaths/min)	
Support	
Rate	

IF "PRESSURE CONTROL" is selected as Mode, 2 new queries populate (and are NOT required):

**Respiratory rate (breaths/min)**  
(number)

**Backup respiratory rate (breaths/min)**  
(number)

IF "OSCILLATOR" is selected as Mode, a new query populates (and is NOT required):  
**Mean airway pressure (MAP) (cmH2O)**  
(number)

IF “PRESSURE REG VOLUME CONTR” is selected as Mode, a new query populates (and is NOT required):

**Volume guarantee (VG) (mLs)**  
*(number)*

## RT Ventilator Settings

Peak Inspiratory Pressure (PIP) (cmH2O)

Set Inspiratory Pressure (cmH2O)

Target Minute Volume (%)

Pressure Limit/Max (cmH2O)

Optimize settings to achieve tidal volume 4-8 mL/kg

Yes

No

Adjust tidal vol & RR to achieve plateau  $\leq$  30 cm H2O

Yes

No

RT may adjust minute ventilation to maintain pH 7.35-7.45

Yes

No

RT may titrate FIO2/PEEP to maintain SpO2 between (%)

Indicate protocol

Vent settings comment

## RT Ventilator Settings

Set Inspiratory Pressure (cmH2O)

Target Minute Volume (%)

Pressure Limit/Max (cmH2O)

Optimize settings to achieve tidal volume 4-8 mL/kg

Yes

No

Adjust tidal vol & RR to achieve plateau  $\leq$  30 cm H2O

Yes

No

RT may adjust minute ventilation to maintain pH 7.35-7.45

Yes

No

RT may titrate FIO2/PEEP to maintain SpO2 between (%)

Indicate protocol

Vent settings comment

Initial vent settings  
Pressure support vent  
Cardiac surgery vent  
ARDS vent  
Vent weaning

4 NEW Queries were added:

Optimize settings to achieve tidal volume 4-8 mL/kg (Yes/No)

Adjust tidal vol & RR to achieve plateau  $\leq$  30 cm H2O (Yes/No)

RT may adjust minute ventilation to maintain pH 7.35-7.45 (Yes/No)

RT may titrate FIO2/PEEP to maintain SpO2 between (%) (Free Text)

INDICATE PROTOCOL was a current query. A new option of "Vent Weaning" was added.

# Expanse Order Enhancements

## RT VENTILATOR PROTOCOL

Changes go in effect Dec 17, 2025



For the **RT Ventilator Protocol +** (12205811) order, an additional option was added to the query of "Indicate protocol". NO OTHER CHANGES to this order. These changes were made in collaboration with the Corporate Service Lines and Provider Product teams.

### RT Ventilator Protocol + (12205811)

For the query of "Indicate  
protocol" a new addition  
to the Group Response  
was added of...

Vent Weaning

A screenshot of a web-based order form for "RT Ventilator Protocol +". The form has a header bar with a checkmark icon, the text ".As Ordered", and a "New" button. Below the header, there are several input fields. The "Provider" field contains "Mt, Meditech". The "Source" field contains "Telephone Order Read-Back". The "Indicate protocol" field is highlighted in yellow and has a dropdown menu open, showing options: "Initial vent settings", "Pressure support vent", "Cardiac surgery vent", "ARDS vent", and "Vent weaning". The "Vent weaning" option is also highlighted in yellow. Below the dropdown, there is a text area labeled "Ventilator protocol comment".

# Expanse Order Enhancements

## RT SURFACTANT ADMINISTRATION

Changes go in effect Dec 17, 2025



The RT Surfactant Administration (12205801) order only had a comment screen. A new screen with queries was added. These changes were made in collaboration with the Corporate Service Lines and Provider Product teams.

**RT Surfactant Administration**

☐ STAT

☒ .one time only New 12/03/25 02:31

\* Provider Mt, Meditech

\* Source Telephone Order Read-Back

**Administration Route**

Notify Provider if the FiO2 remains or increases above (%):

Comment

Endotracheal  
Intratracheal - thin cath  
Intratracheal - LMA  
Other

**RT Surfactant Administration**

☐ STAT

☒ .one time only New 12/03/25 02:31

\* Provider Mt, Meditech

\* Source Telephone Order Read-Back

Administration Route

Notify Provider if the FiO2 remains or increases above (%):

Comment

**RT Surfactant Administration**  
12205801

**NEW Screen:**  
HCAOMRTSURF0001

### QUERIES:

**Administration Route:**  
Endotracheal  
Intratracheal - thin cath  
Intratracheal - LMA  
Other

**Other administration route**

**Notify Provider if the FiO2 remains or increases above (%):** (Quantity w/Decimals)

**Comment**

# Expanse Order Enhancements

## RT ET TUBE ADJUSTMENT

Changes go in effect **Dec 17, 2025**



The RT ET Tube Adjustment (RTETTUBEAD.C.OM) order only had a free-text comment screen. A new screen was developed and attached. There is also a REFLEX SET available for XR chest 1v. These changes were made in collaboration with the Corporate Service Lines and Provider Product teams.

RT ET Tube Adjustment

☐ Stat

☒ Routine

\* Provider

Mt,Meditech

\* Source

Telephone Order Read-Back

\* ET Tube

Advanced

\* Adjustment length (cm)

Retracted

Comment

RT ET Tube Adjustment

☐ Stat

☒ Routine

\* Provider

Mt,Meditech

\* Source

Telephone Order Read-Back

\* ET Tube

\* Adjustment length (cm)

Comment

Reflexed Orders from RT ET Tube Adjustment

☒ Chest XR1v for ET placement

☐ XR chest 1V

☐ Stat

☐ Routine

☐ AM

☐ DAILY

**New Screen:**  
HCAOMRTETAD0001

### NEW QUERIES:

#### ET Tube

Group Response with...  
Advanced  
Retracted

**Adjustment length (cm)**  
Number

**Comment**  
Free text

There is also a **REFLEX SET** available of:  
"Chest XR1v for ET placement"  
(H.ETCHESTX1V-R)  
That reflexes the order of...  
**XR chest 1v** (bedside)

# Expanse Order Enhancements

## RT IPPB/IPV/CHFO

Changes go in effect **Dec 17, 2025**



There is currently an active PCS Intervention of **RT IPPB/IPV/CHFO** (1221181) with no order attached. An order will now be available, including a screen with options. These changes were made in collaboration with the Corporate Service Lines and Provider Product teams.

RT IPPB/IPV/CHFO	
<input checked="" type="checkbox"/> PRN	<input type="checkbox"/> New
* Provider	Mt, Meditech
* Source	System Dispense
Frequency	
Therapy duration	
RT IPPB/IPV/CHFO comment	

**NEW SCREEN QUERIES:**

**Frequency**  
Group Response with options of....  
BID  
QID  
TID  
Daily  
Q1 hr  
Q2 hrs  
Q3 hrs  
Q4 hrs  
Q8 hrs  
Other

**Therapy duration – free text**

**RT IPPB/IPV/CHFO comment – free text**



# Expanse Order Enhancements

## RT Heated High Flow Oxygen

Changes go in effect **Dec 17, 2025**



The RT Heated High Flow Oxygen (12211731) order only had a free-text comment field for the CDS. A new screen was developed and attached. These changes were made in collaboration with the Corporate Service Lines and Provider Product teams.

### RT Heated High Flow Oxygen (12211731)

#### New Screen (HCAOMRTHHFL0001)

#### NEW QUERIES:

Delivery method/device  
with options of  
“High flow NC” and “Other”.

#### NEW QUERIES:

L/min  
mL/min  
FiO2%  
Maintain SpO2 (%) greater than  
Titrate SpO2 (%) not to exceed  
(all number queries)

Comment – Free text

#### RT Heated High Flow Oxygen

<input type="checkbox"/> Q6H	
<input type="checkbox"/> DAILY	
<input checked="" type="checkbox"/> STAT	New 11/28/25 08:57
* Provider	Mt,Meditech
* Source	System Dispense
Delivery method/device	High flow NC Other
L/min	
mL/min	
FiO2%	
Maintain SpO2 (%) greater than	
Titrate SpO2 (%) not to exceed	
Comment	

#### RT Heated High Flow Oxygen

<input type="checkbox"/> Q6H	
<input type="checkbox"/> DAILY	
<input checked="" type="checkbox"/> STAT	New 11/28/25 08:57
* Provider	Mt,Meditech
* Source	System Dispense
Delivery method/device	
L/min	
mL/min	
FiO2%	
Maintain SpO2 (%) greater than	
Titrate SpO2 (%) not to exceed	
Comment	

# Expense Order Enhancements

## PFT COMPLETE

Changes go in effect Dec 17, 2025



The **PFT Complete** (PFTCOMPL.PFT.DPT) order did not specify what was included in the test. We have added a non-editable label query with the names of the included tests. NO OTHER CHANGES to this order. These changes were made in collaboration with the Corporate IDM and Provider Product teams.

+ PFT complete	
<input type="checkbox"/> Stat	
<input type="checkbox"/> Urgent	
<input checked="" type="checkbox"/> Routine	
* Provider	Attending01,Provider
* Source	System Dispense
* Reason For Exam	
Comment	
▼	

  

+ PFT complete	
<input type="checkbox"/> Stat	
<input type="checkbox"/> Urgent	
<input checked="" type="checkbox"/> Routine	* New
* Provider	Hospitalist01,Provider
* Source	Telephone Order Read-Back
* Reason For Exam	
Comment	
- This order includes Spirometry, Lung Volumes and Diffusion Capacity.	
▼	

☐ DATV

**PFT Complete**  
(PFTCOMPL.PFT.DPT)  
< Original.

**PFT Complete**  
(PFTCOMPL.PFT.DPT)  
< With Label.

# CHG0427947 – Rules to Lab orders to prevent duplicate tests (BMP, CMP, Renal Function Panel, Liver Panel)



Changes go in effect 12/17/25

- Hard stop when trying to order a CMP and Renal Function Panel. *"Cannot order a CMP and RFP together. Please cancel one, or consider ordering a CMP and Phosphorous."*

- Hard stop when trying to order a BMP and Renal Function Panel. *"Cannot order a BMP and RFP together. Please cancel one, or consider ordering a CMP and Phosphorous instead of BMP and RFP."*

**Conflicts**  
able, test8 (c) 38 F 01/01/1987 Allergy/Adv: Not Recorded Close

▼ **CMP [Comprehensive Metabolic Panel] Routine** Override \*Erase

SCREENING TYPE	DESCRIPTION	SEVERITY
▼ Order Rule	OM CMP Liver Pan Order Check	
Rule Message	Cannot order a CMP and HFP together. Please cancel one, or consider ordering a CMP and Direct Bili.	

► **Liver Panel Routine**

- Hard stop when trying to order a CMP and Liver Panel.. *"Cannot order a CMP and HFP together. Please cancel one, or consider ordering a CMP and Direct Bili."*

**Conflicts**  
able, test8 (c) 38 F 01/01/1987 Allergy/Adv: Not Recorded Close

▼ **Liver Panel Routine** Override \*Erase

SCREENING TYPE	DESCRIPTION	SEVERITY
▼ Order Rule	OM RFP Liver Pan Order Check	
Rule Message	Cannot order a HFP and RFP together. Please cancel one, or consider ordering a CMP, Direct Bili, and Phosphorous.	

► **Renal Function Panel Routine**

- Hard stop when trying to order a Renal Function Panel and Liver Panel.. *"Cannot order a HFP and RFP together. Please cancel one, or consider ordering a CMP, Direct Bili, and Phosphorous."*

**Conflicts**  
able, test8 (c) 38 F 01/01/1987 Allergy/Adv: Not Recorded Close

▼ **BMP [Basic Metabolic Panel] Routine** Override \*Erase

SCREENING TYPE	DESCRIPTION	SEVERITY
▼ Order Rule	OM BMP Liver Pan Order Check	
Rule Message	Cannot order a BMP and HFP together. Please cancel one, or consider ordering a CMP and Direct Bili instead of BMP and HFP.	

► **Liver Panel Routine**

- Hard stop when trying to order a BMP and Liver Panel.. *"Cannot order a BMP and HFP together. Please cancel one, or consider ordering a CMP and Direct Bili instead of BMP and HFP."*