HFOV Charting

Current Charting as of 04/18/2023-

Vent Information	
$ RT Standby Charge (per 15 min)	
$ RT Assisted Intubation (Edward Only)	
$ RT Glidescope Charge (per 15 min)	
$ RT Bronchoscope Charge (per 15 min)	
$ Vent Care / Non-Invasive Initial Day	
$ Vent Care / Non-Invasive Subsequent ...	
$ Ventilator supplies provided	
Is this patient on Chronic Ventilation?	
Ventilator Initiation	
Non-Invasive Ventilator Initiation	
Ventilator Discontinued	
Ventilation Day(s)	
Interface	
Vent Type	
Vent plugged into main power?	
Vent ID	
Vent Mode	

Fill in any information you find relevant under Vent Information.

OS

Y

HFOV

Settings	
FiO2 (%)	
Resp Rate (Set)	
Vt (Set, mL)	
Waveform	
PEEP/CPAP (cm H2O)	
Press Support CWP	
Press Control > PEEP CWP	
PEEP High (cm H2O)	
PEEP Low (cm H2O)	
Power	
Insp Flow (L/sec)	
Mean Airway Pressure	
Bias Flow	
Peak Flow LPM	
Insp Time (sec)	
Insp Time (%)	
Insp Rise Time (%)	
PIP Set (cm H2O)	
Pressure Support (cm H2O)	
Trigger Sensitivity Flow (L/min)	
Trigger Sensitivity Pressure (cm H2O)	

Chart the following settings: FiO2, Power, Mean Airway Pressure, Bias Flow, Insp Time (%), Humidification, H2O bag level, Heater temperature.

Disconnect Sensitivity (%)	
Expiratory Sensitivity (%)	
Humidification	
H2O Bag Level	
Heater Temperature	

Readings	
ETCO2 (mmHg)	
Total RR	
Minute Ventilation (L/min)	
Inspiratory Tidal Volume	
Expiratory Tidal Volume	
Vt Spontaneous (mL)	
PIP Observed (cm H2O)	
MAP (cm H2O)	
Auto PEEP Observed (cm H2O)	
PEEP High (cm H2O)	
PEEP Low (cm H2O)	
I/E Ratio	
Plateau Pressure (cm H2O)	
Static Compliance (L/cm H2O)	
Dynamic Compliance (L/cm H2O)	
Airway Resistance	

You are not required to make a comment for a RR. If the patient is on HFOV, this is N/A.

The only value to chart under Readings is the observed MAP.

Alarms	
High RR	
Low RR	
Mean Limit Set	
Insp Pressure High (cm H2O)	
Insp Pressure Low (cm H2O)	
MV High (L/min)	
MV Low (L/min)	
Apnea Interval (sec)	
Apnea Rate	
Apnea Volume (mL)	
MAP High (cm H2O)	
MAP Low (cm H2O)	
Apnea Pressure	

Under Alarms, you chart a MAP High and MAP Low since these are the only alarms on the oscillator. Remember this is set +3 and -3 from what the MAP is set at.

ETT	
ETT Properties	Placed: 4/9/20
Secured at (cm)	
Cuff Pressure (cm H2O)	
Suctioned?	
Measured From	
Secured Location	
Secured by	
Site Condition	
Site rotated date	
Site rotated (time)	
Req'd equipment at bedside	

As with any other intubated patient, chart your ETT information.

New charting for HFOV (Date for EPIC release is TBD)

Vent Information

$ RT Standby Charge (per 15 min)		
$ RT Assisted Intubation (Edward Only)		
$ RT Glidescope Charge (per 15 min)		
$ RT Bronchoscope Charge (per 15 min)		
$ Vent Care / Non-Invasive Initial Day		
$ Vent Care / Non-Invasive Subsequent ...		
$ Ventilator supplies provided		
Is this patient on Chronic Ventilation?		
Ventilator Initiation		
Non-Invasive Ventilator Initiation		
Ventilator Discontinued		
Ventilation Day(s)		
Interface		
Vent Type		OS
Vent plugged into main power?		Yes
Vent ID		
Vent Mode		HFOV
$ Oscillator Initial Day Charge		
$ Oscillator Subsequent Day Charge		

Fill in any information you find relevant under Vent Information.

Once you select OS for the Oscillator, the Oscillator Additional Settings tab will pop up.

Oscillator Additional Settings

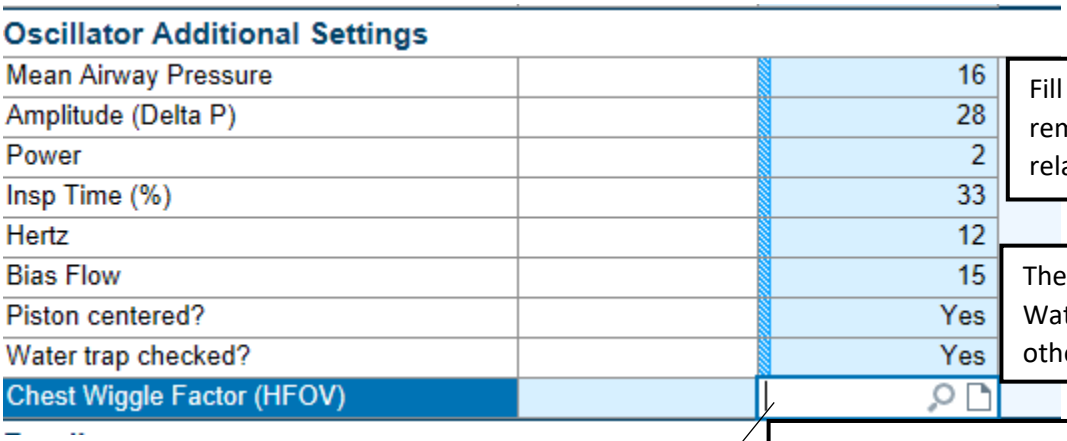
Mean Airway Pressure		
Amplitude (Delta P)		
Power		
Insp Time (%)		
Hertz		
Bias Flow		
Piston centered?		
Water trap checked?		
Chest Wiggle Factor (HFOV)		

You now have consolidated charting for HFOV.

Settings

FiO2 (%)	

One of the settings that could not be carried over to the consolidated HFOV charting is FiO2. This is because it is not specific to an oscillator. So as always, chart the FiO2 here.



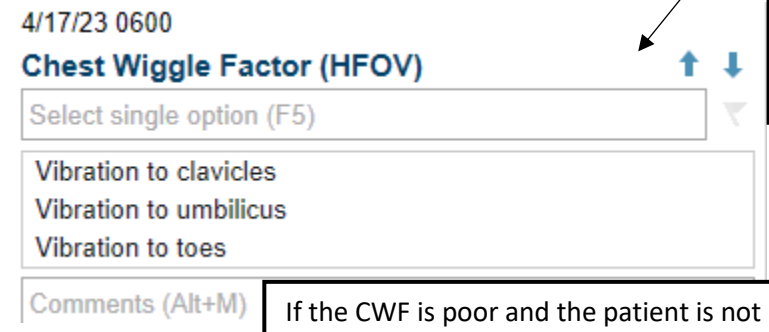
Oscillator Additional Settings

Mean Airway Pressure		16
Amplitude (Delta P)		28
Power		2
Insp Time (%)		33
Hertz		12
Bias Flow		15
Piston centered?		Yes
Water trap checked?		Yes
Chest Wiggle Factor (HFOV)		

Fill out all the remaining values related to HFOV here.

The piston centered and Water trap checked are Yes or other selections.

The Chest Wiggle Factor (HFOV) tab is now available. This is how the RT will chart what they see for CWF. The RNs still have their own charting for CWF, but since this is a shared responsibility you must chart what you see.



4/17/23 0600

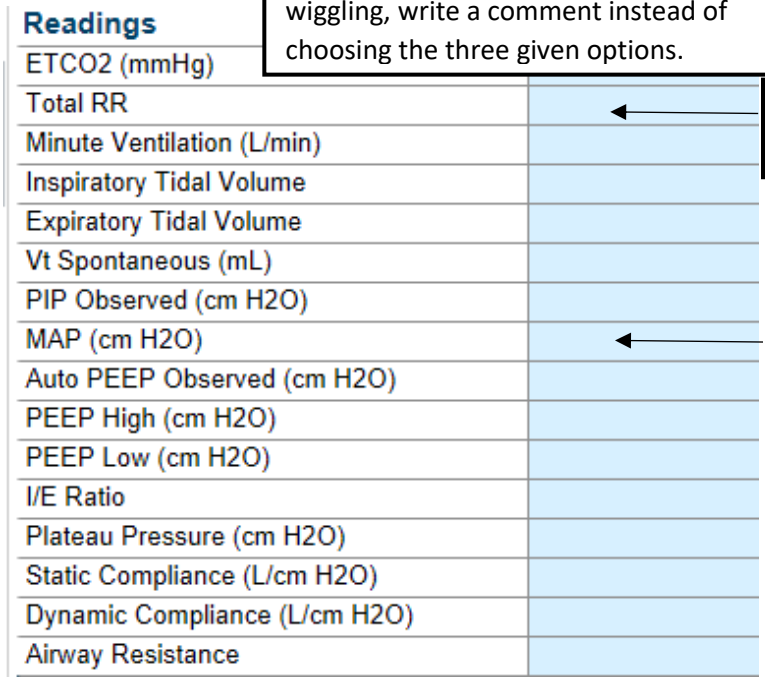
Chest Wiggle Factor (HFOV)

Select single option (F5)

Vibration to clavicles
Vibration to umbilicus
Vibration to toes

Comments (Alt+M)

If the CWF is poor and the patient is not wiggling, write a comment instead of choosing the three given options.



Readings

ETCO2 (mmHg)
Total RR
Minute Ventilation (L/min)
Inspiratory Tidal Volume
Expiratory Tidal Volume
Vt Spontaneous (mL)
PIP Observed (cm H2O)
MAP (cm H2O)
Auto PEEP Observed (cm H2O)
PEEP High (cm H2O)
PEEP Low (cm H2O)
I/E Ratio
Plateau Pressure (cm H2O)
Static Compliance (L/cm H2O)
Dynamic Compliance (L/cm H2O)
Airway Resistance

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The only value you need to chart in Readings is the observed MAP.

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Low RR	
Mean Limit Set	
Insp Pressure High (cm H2O)	
Insp Pressure Low (cm H2O)	
MV High (L/min)	
MV Low (L/min)	
Apnea Interval (sec)	
Apnea Rate	
Apnea Volume (mL)	
MAP High (cm H2O)	
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Apnea Pressure	

Under Alarms, you chart a MAP High and MAP Low since these are the only alarms on the oscillator. Remember this is set +3 and -3 from what the MAP is set at.

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