

Info_Type	SubField	Output	Description	
ADT	AdmitDtm	[DateTime]	Hospital Admit DateTime	
	DischargeDtm	[DateTime]	Hospital Discharge DateTime	
	ICU_Unit	10400 ICU		ICU Name - Neurosurgery ICU
		4400 ICU		ICU Name - Surgical/Burn/Trauma ICU
		5600 ICU		ICU Name - Cardiothoracic ICU
		8200 ICU		ICU Name - Cardiac ICU
		83 CTICU		ICU Name - Cardiothoracic ICU
	ICU_InDtm	[DateTime]	ICU Admit DateTime	
ICU_OutDtm	[DateTime]	ICU Discharge DateTime		
Diagnoses	Value	[Text]	Diagnoses related to delirium/encephalopathy	
Readmissions	DischargeDX	[Text]	Discharge Diagnosis	
	Re_Adm_IDCode	[Continuous]	Medical record number for readmission	
	Re_adm_VisitIDCode	[Continuous]	Patient account number (registration) for readmission	
	Re_Adm_Location	[Text]	Bed assignment for readmission	
	Re_Adm_AdmitDtm	[DateTime]	DateTime of Readmission	
	Re_Adm_AdmitDx	[Text]	Diagnosis for readmission	
	DurationBetweenVisits_Days	[Continuous]	Duration (days) between initial discharge and readmission	
Labs	SignificantDtm	[DateTime]	DateTime of Lab Test	
	Label	A-a Gradient	Alveolar-Arterial Oxygen Gradient (mmHg)	
		Albumin Level	Plasma albumin level (g/dL)	
		Alkaline Phosphatase Total	Plasma alkaline phosphatase level (units/L)	
		ALT	Plasma alanine transaminase level (units/L)	
		Anion Gap	Plasma anion gap (mmol/L)	
		AST	Plasma aspartate transaminase level (units/L)	

Basophil Absolute Automated	Concentration of basophils in blood (K/mm ³)
Basophil Percent Automated	Percent of basophils in blood (%)
Bilirubin Direct	Plasma direct bilirubin level (mg/dL)
Bilirubin Total	Plasma total bilirubin level (mg/dL)
Calcium Total	Plasma calcium level (mg/dL)
Chloride Level	Plasma chloride level (mmol/L)
CO2 Total	Plasma bicarbonate level, measured (mmol/L)
CO2, Total Calculated, Arterial	Plasma bicarbonate level, calculated from arterial blood gas (mmol/L)
Creatinine Level	Plasma creatinine level (mg/dL)
Eosinophil Absolute Automated	Concentration of eosinophils in blood (K/mm ³)
Eosinophil Percent Automated	Percent of eosinophils in blood (%)
Glucose Level Fasting	Plasma glucose level, fasting (mg/dL)
Glucose Level Random	Plasma glucose level (mg/dL)
Glucose Ur Qual	Urine glucose, qualitative (negative, 1+, 2+, 3+)
Glucose WB f POC	Plasma glucose level, point of care (mg/dL)
HCT	Hematocrit (%)
Hemoglobin A1c	Hemoglobin A1c (%)
HGB	Hemoglobin level (g/dL)
INR ePOC	International normalized ratio (no units)
Lymphocyte Absolute Automated	Concentration of lymphocytes in blood (K/mm ³)
Lymphocyte Percent Automated	Percent of lymphocytes in blood (%)
MCH	Mean corpuscular hemoglobin (pg)
MCHC	Mean corpuscular hemoglobin concentration (g/dL)
MCV	Mean corpuscular volume (fL)

Monocyte Absolute Automated	Concentration of monocytes in blood (K/mm ³)
Monocyte Percent Automated	Percent of monocytes in blood (%)
MPV	Mean platelet volume (fL)
Neutrophil Absolute Automated	Concentration of neutrophils in blood (K/mm ³)
Neutrophil Percent Automated	Percent of neutrophils in blood (%)
NRBC Abs Auto	Concentration of nucleated red blood cells in blood (K/mm ³)
NRBC Pct Auto	Percent of nucleated red blood cells in blood (%)
pCO2 Art gPOC	Arterial Partial Pressure of Carbon Dioxide (mmHg)
pCO2 Ven gPOC	Venous Partial Pressure of Carbon Dioxide (mmHg)
pCO2, Arterial	Arterial Partial Pressure of Carbon Dioxide (mmHg)
Percent Inspired Oxygen, Arterial	Percent Inspired Oxygen (%)
pH Art gPOC	Arterial pH (no units)
pH Arterial	Arterial pH (no units)
platelet cPOC	Concentration of platelets in blood (K/mm ³)
Plt	Concentration of platelets in blood (K/mm ³)
pO2 Art gPOC	Arterial Partial Pressure of Oxygen (mmHg)
pO2 Ven gPOC	Venous Partial Pressure of Oxygen (mmHg)
pO2, Arterial	Arterial Partial Pressure of Oxygen (mmHg)
Potassium Level Plasma	Plasma potassium level (mmol/L)
Protein Level Plasma	Plasma protein level (g/dL)
PT (Seconds)	Prothrombin time (sec)
PT ePOC	Prothrombin time (sec)

Medications	Value		
SignificantDtm Label	[Continuous]	PTT Activated PTT Activated. RBC RDW CV RDW SD Sodium gPOC Sodium iPOC Sodium Level Urea Nitrogen Volume Inspired Oxygen Arterial WBC [Continuous] [DateTime] ALPRAZolam Tablet Ampicillin/Sulbactam - CRITICAL SHORTAGE CeFAZolin IVPB Cefepime IVPB - CRITICAL SHORTAGE CefOXitin IVPB CefTRIAxone IVPB Clotrimazole Troche Darunavir Dexmedetomidine Infusion DiazePAM Injection DiphenhydrAMINE Oral Eszopiclone FentaNYL Bolus from CADD FentaNYL Infusion	Partial thomboplastin time, activated (sec) Partial thomboplastin time, activated (sec) Concentration of red blood cells in blood (M/mm ³) Red cell distribution width (%) Red cell distribution width (fL) Plasma sodium level (mmol/L) Plasma sodium level (mmol/L) Plasma sodium level (mmol/L) Plasma urea nitrogen (BUN) level (mg/dL) -- Concentration of white blood cells in blood (K/mm ³) Value of lab test DateTime medication order is placed in electronic medical record

FentaNYL Injection
Fluconazole Tablet
Haloperidol (immediate-acting) Lactate Injection
HYDROmorphine Bolus from CADD
HYDROmorphine Injection
HYDROmorphine PCA
Insulin Glargine for LANTUS
Insulin Lispro for HumaLOG

Insulin Lispro-Sliding Scale for HumaLOG
Insulin NPH for HumuLIN-N
Insulin Regular for HumuLIN-R
Insulin Regular Infusion
LORazepam Injection
LORazepam Tablet
Maraviroc
Metoclopramide Injection
Micafungin IVPB
Midazolam Infusion
Midazolam Injection
Morphine Injection
Nystatin Liquid
Ondansetron Injection
Oxacillin IVPB
OxyCODONE Liquid

OxyCODONE Tablet Immediate-Release

OxyCODONE/Acetaminophen 5/325 mg
Piperacillin/Tazobactam
QUetiapine Tablet
Raltegravir
Ramelteon

Ritonavir Tablet
 Trimethobenzamide Injection

DosageLow	[Continuous]	Medication dose (low end of range, if applicable)
DosageHigh	[Continuous]	Medication dose (high end of range)
UOM	[Categorical]	Unit of measure for dosage
FrequencyCode	[Categorical]	Frequency of medication order
Duration_Days	[Continuous]	Number of days during which medication order was active

Clinical Documentation

- 01. Vital Signs

SignificantDtm	[DateTime]	DateTime of vital sign record
Intensity	[Continuous]	Numeric rating scale (0-10) pain score
Behaviors	Calm Agitated	
Tool Used	0-10 Scale Faces Non Communicative	
Patient Goal	[Continuous]	Patient's target pain score
Location	[Categorical]	Location of pain
Pain Management	[Categorical]	Nurse response to current pain score
Effectiveness of Pain Interventions	Obtaining relief Partial relief No relief	

Clinical Documentation

- 03. Assessment/IPOC

SignificantDtm	[DateTime]	DateTime of CAM-ICU Assessment
CAM-ICU Overall Score	[Negative/Positive]	CAM-ICU Result (delirium assessment)
Feature 1: Acute Onset or Fluctuating Course	[Negative/Positive]	Feature 1 of CAM-ICU
Feature 2: Inattention	[Negative/Positive]	Feature 2 of CAM-ICU
Feature 3: Altered Level of Consciousness	[Negative/Positive]	Feature 3 of CAM-ICU

	Feature 4: Disorganized Thinking	[Negative/Positive]	Feature 4 of CAM-ICU
	RASS: If -4 or -5, STOP Reassess later	[Categorical]	Indicates whether CAM-ICU is contraindicated (e.g., because patient is too sedated)
Clinical Documentation			
- Fall Event Note	SignificantDtm	[DateTime]	
	Fall Date/Time	[DateTime]	DateTime of Fall
	Injury	[Yes/No]	Indicates whether fall resulted in patient injury
	Injury Details	[Text]	Description of injury
Clinical Documentation			
- Neuro Flowsheet	SignificantDtm	[DateTime]	DateTime of RASS Assessment
	Behaviors	Calm Agitated Restless	
	RASS Score Numeric	[Continuous]	Richmond Agitation Sedation Scale score (-4 to 4)
	RASS Sedation Scale	[Categorical]	Verbal description of RASS numeric score
Clinical Documentation			
- Intubation Procedure Note	SignificantDtm	[DateTime]	DateTime of Intubation Note
	Intubation Type	[Emergent/Elective]	
	Paralytics Given	[Yes/No]	
	Procedure Date/Time	[DateTime]	DateTime of Intubation
	Sedation Given	[Yes/No]	
Clinical Documentation			
- Patient Profile	SignificantDtm	[DateTime]	DateTime of assessment
	Does patient currently have a tracheostomy tube?	[Yes/No]	

Does patient have a history of laryngectomy? [Yes/No]

Clinical Documentation

- Ventilator Flowsheet SignificantDtm

[DateTime]

DateTime of ventilator event

Modes/Bagged

A/C - VC

Assist control - volume control (AC-VC)

A/C - VC+

Assist control - volume control + (AC-VC+)

A/C - PC

Assist control - pressure control (AC-PC)

BiPAP

Bilevel positive airway pressure (BiPAP)

Continuous Positive Airway Pressure

Continuous positive airway pressure (CPAP)

SIMV - VC

Synchronized intermittent mandatory ventilation (SIMV)

SIMV-PC

Synchronized intermittent mandatory ventilation (SIMV)

SIMV-VC

Synchronized intermittent mandatory ventilation (SIMV)

SPONT-VC

Pressure support (PSV)

Synchronized intermittent mandatory ventilation

Synchronized intermittent mandatory ventilation (SIMV)

Ventilator Pulmonary Event

Extubation

Re-intubation

Ventilator start

Start of mechanical ventilation

Ventilator stop

End of mechanical ventilation

Weaning end

Weaning start