Public Use Dataset Annotated eCRF

Bleeding and Thrombosis During ECMO (BATE)

CPCCRN Protocol Number 048

Collaborative Pediatric Critical Care Research Network

Eunice Kennedy Shriver National Institute for Child

Health and Human Development (NICHD)

Protocol Version 1.0

Version Date: September 26, 2012

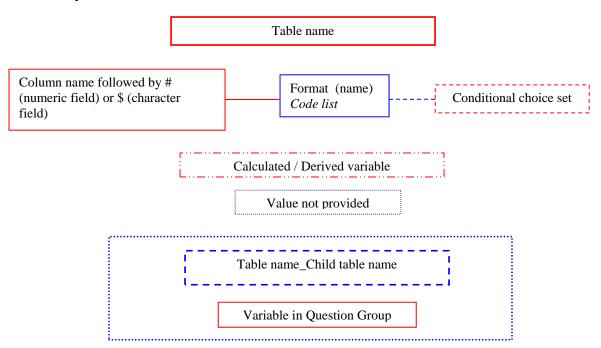
Annotated eCRF Version 1.0

Version Date: February 16, 2016

Table of Contents

Notes	3
ECMO Eligibility:	4
ECMO Demographics:	5
ECMO Diagnoses:	6
ECMO Technology Dependence:	7
ECMO Hospitalization Dates and Death Information:	8
ECMO Physical Measurements:	9
ECMO Vital Measurements:	10
ECMO Baseline Ventilator Settings:	11
ECMO Baseline Complete Blood Count w/o diff:	12
ECMO Baseline Arterial Blood Gases:	13
ECMO Baseline Chemistries:	14
ECMO Baseline Coagulation Labs:	17
ECMO Infection Information:	19
ECMO Vasoactive-Inotropic Score v1.0:	20
ECMO Functional Status Assessments:	22
ECMO Initiation of ECMO:	23
ECMO Equipment and Setup:	24
ECMO Heparin Units for Circuit Priming:	26
ECMO Cannulation Characteristics:	27
ECMO Related Daily Data v1.0:	34
ECMO Related Daily Data v2.0:	42
ECMO Related Daily Data v3.0:	50
ECMO Total Heparin Dose per Day:	58
ECMO Ventilator Settings:	59
ECMO Complete Blood Count w/o diff:	60
ECMO Arterial Blood Gases:	61
ECMO Chemistries:	62
ECMO Coagulation Labs:	65
ECMO Daily Parameter Goals:	67
ECMO Blood Product & Medication Information:	70
ECMO Organ Systems:	72

Annotations key



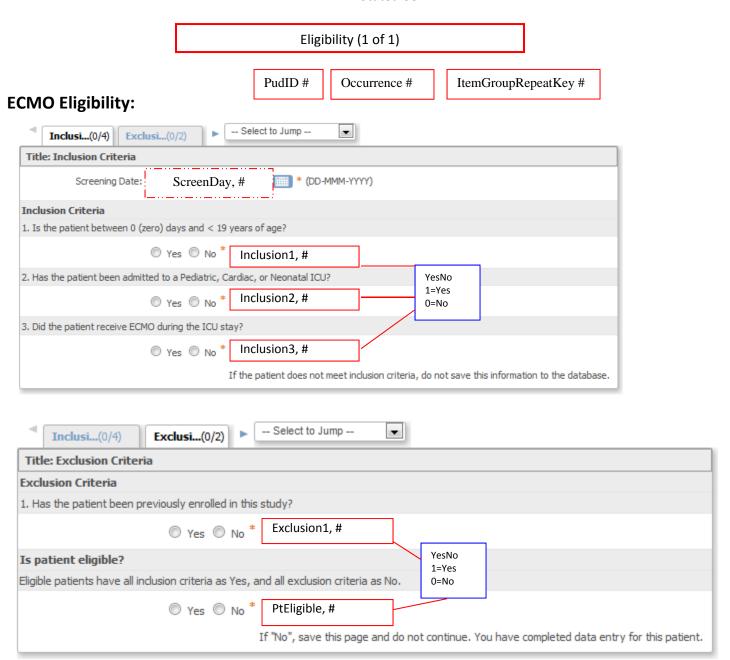
Notes

StudySubjectID was replaced by PudID, sequential integers, that uniquely identifies a patient across datasets, it does not contain information about original site or medical record number. Occurrence and ItemGroupRepatKey are also unique subject identifiers.

All out of range and other questionable data have been included in the public use datasets.

Sensitive and/or identifying information entered in free text fields have been removed from the public use datasets.

'Date' variables are replaced with 'day' variables. Day variables are populated with the number of days since the reference date, ICU admission date. ICU admission date is coded as 0 (Day 0) and all other dates will be recoded as number of days after Day 0 (if any dates occur before the ICU admission day, these dates will have a negative value).



Demog (1 of 1)



Additional / derived variables included in the DEMOG dataset:

Variable	Туре	Label	Algorithm / Notes
RACE1	#	American Indian or Alaska Native	1 = Yes, 0 = No
RACE2	#	Asian	1 = Yes, 0 = No
RACE3	#	Black or African American	1 = Yes, 0 = No
RACE4	#	Native Hawaiian or Other Pacific Islander	1 = Yes, 0 = No
RACE5	#	White	1 = Yes, 0 = No
RACE92	#	Unknown or Not Reported	1 = Yes, 0 = No

Diagnoses (1 of 1)

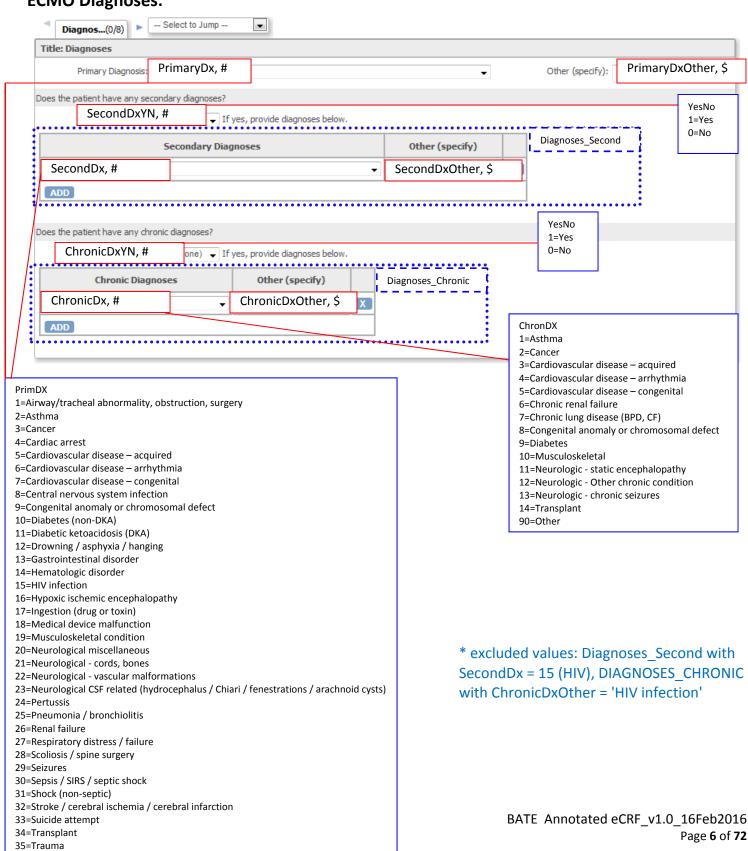
PudID # Oc

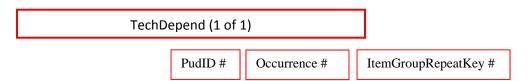
Occurrence #

ItemGroupRepeatKey #

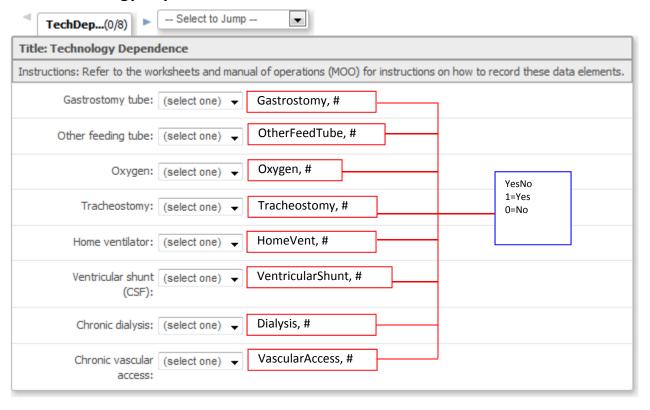
ECMO Diagnoses:

90=Other



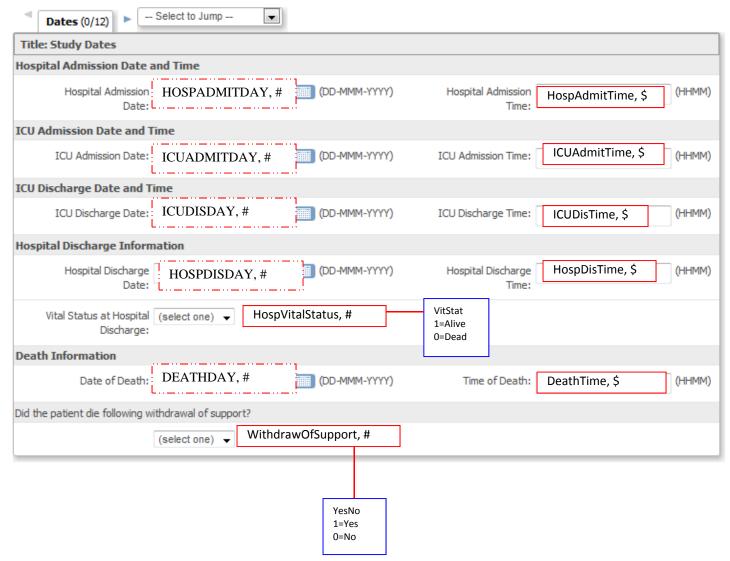


ECMO Technology Dependence:



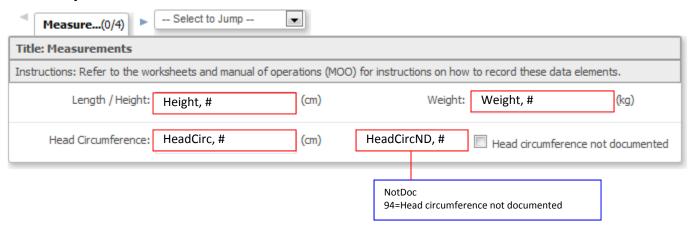


ECMO Hospitalization Dates and Death Information:



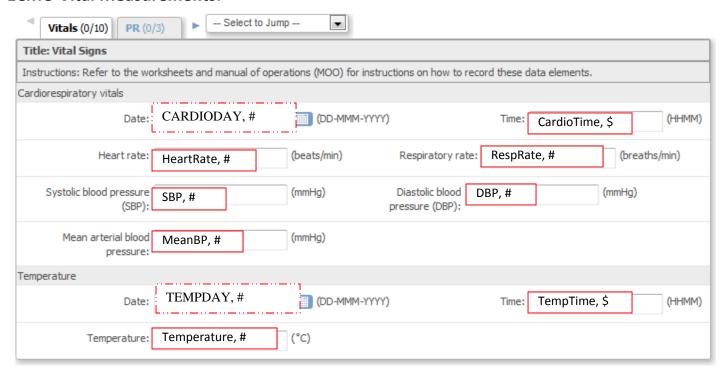


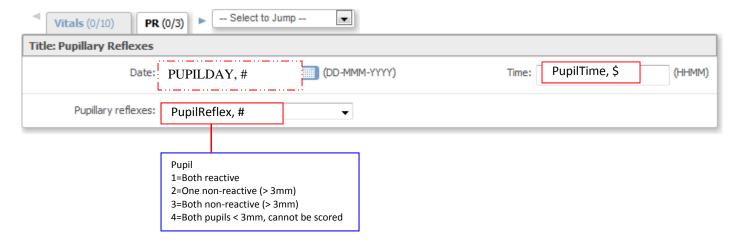
ECMO Physical Measurements:





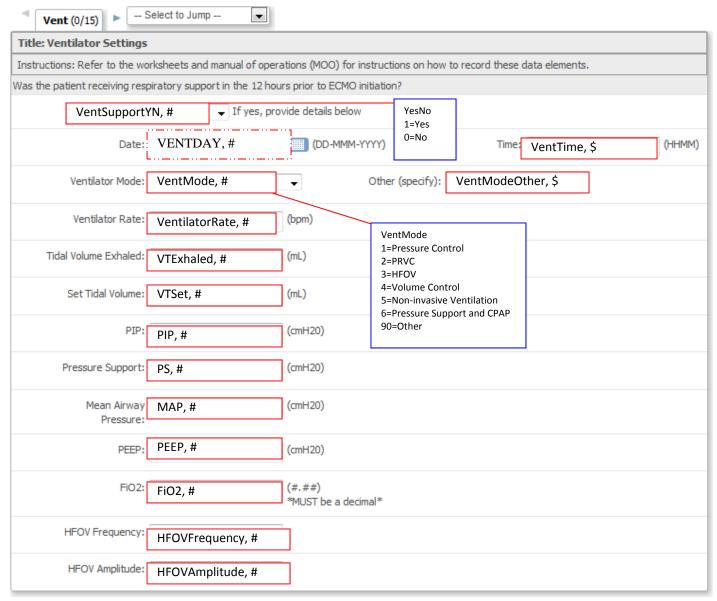
ECMO Vital Measurements:





BATE Annotated eCRF BaseVent (1 of 1) PudID # Occurrence # ItemGroupRepeatKey

ECMO Baseline Ventilator Settings:



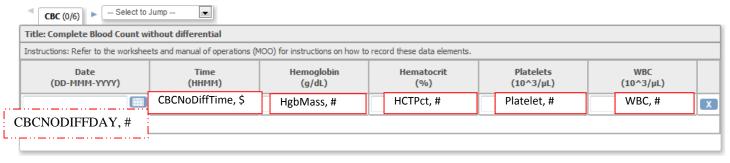
BaseCBC (1 of 1)

PudID# Oc

Occurrence #

ItemGroupRepeatKey #

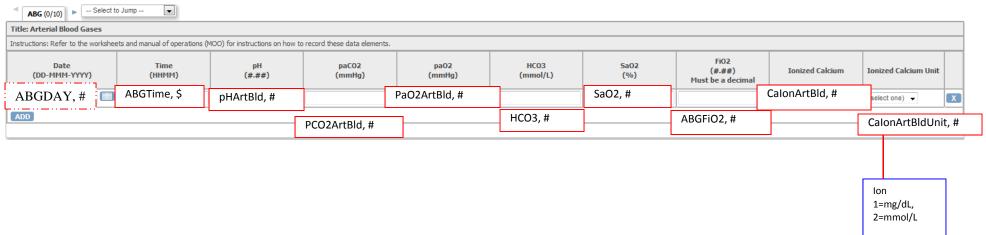
ECMO Baseline Complete Blood Count w/o diff:

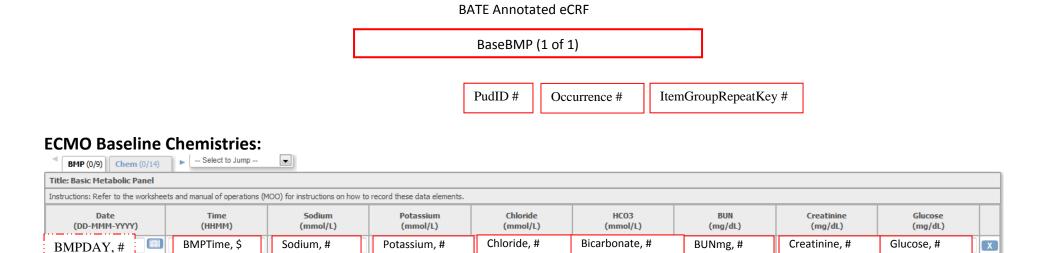


BaseABG (1 of 1)

PudID # Occurrence # ItemGroupRepeatKey #

ECMO Baseline Arterial Blood Gases:



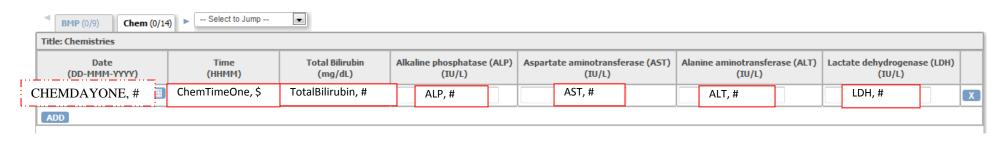


Note: Although the case report form reflects HCO3 as being collected, the lab value being provided in this data field represents total CO2.

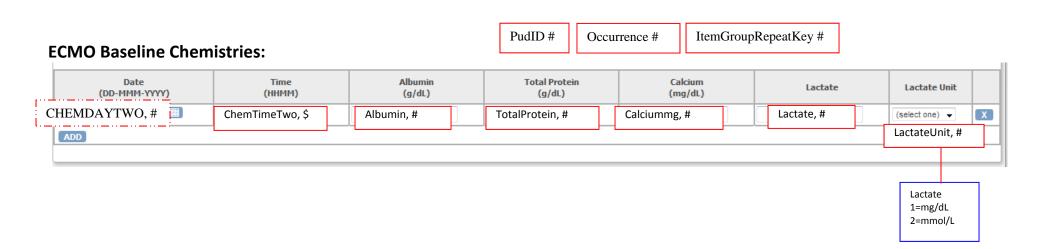
BaseChemOne (1 of 1)

PudID # Occurrence # ItemGroupRepeatKey #

ECMO Baseline Chemistries:



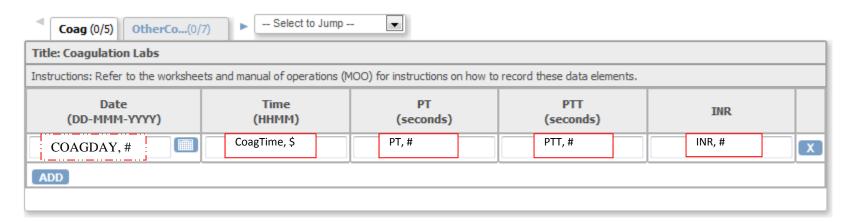
BaseChemTwo (1 of 1)

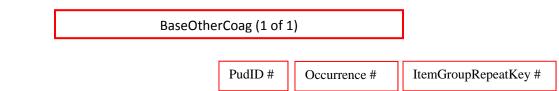


BaseCoag (1 of 1)

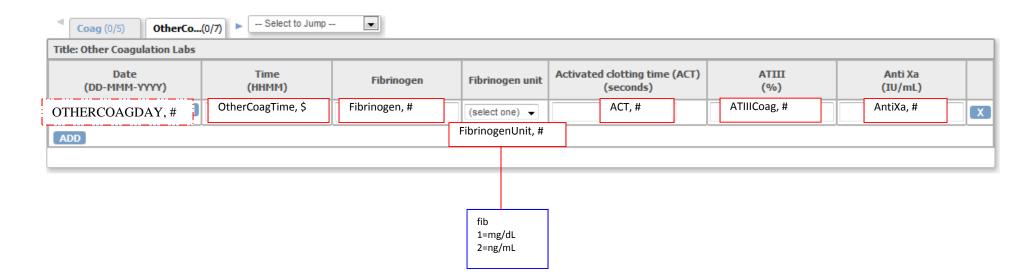
PudID # Occurrence # ItemGroupRepeatKey #

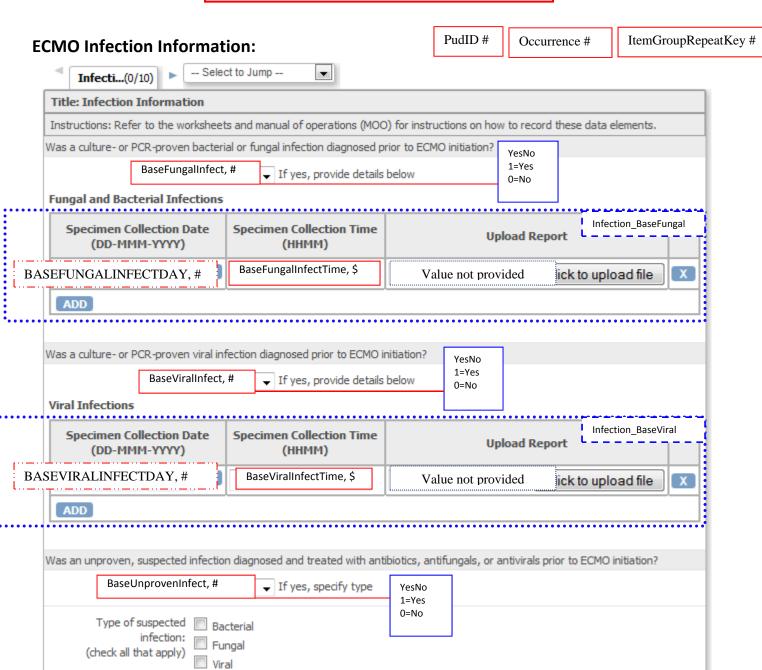
ECMO Baseline Coagulation Labs:





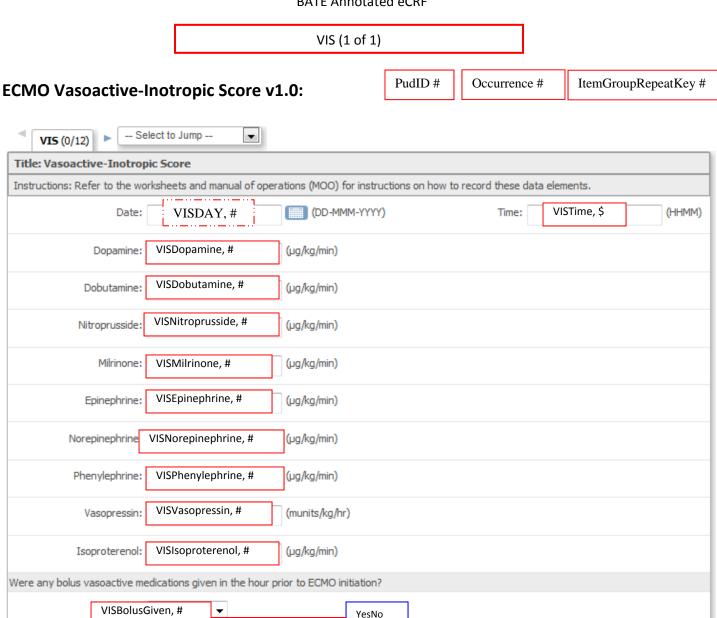
ECMO Baseline Coagulation Labs:





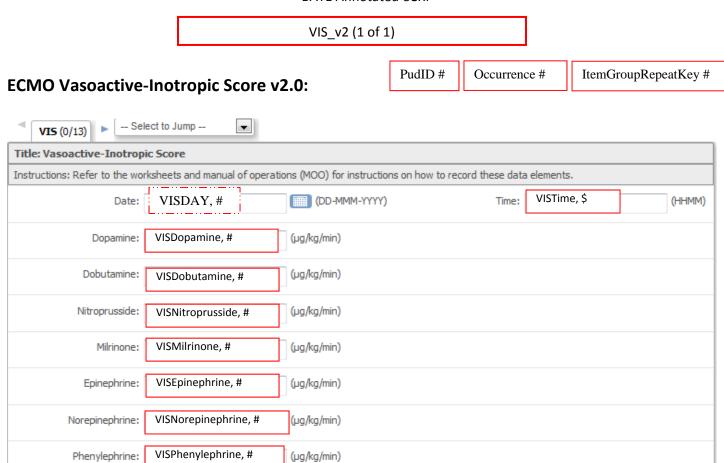
Additional / derived variables included in the INFECTION dataset:

Variable	Туре	Label	Algorithm / Notes
BaseUnprovenInfectType1	#	Bacterial	1 = Yes, 0 = No
BaseUnprovenInfectType2	#	Fungal	1 = Yes, 0 = No
BaseUnprovenInfectType3	#	Viral	1 = Yes, 0 = No



NOTE: Two versions of the Vasoactive-Inotropic Score exist; however, the raw dataset has stacked versions, VIS_ALLVERSIONS.

1=Yes 0=No



Unit: (select one)

VISVasopressinUnit, #

VasoUnit 1 =munits/kg/hr

2 = units/kg/hr 3 = units/hr 4 = munits/kg/min 5 = units/kg/min

NOTE: Two versions of the Vasoactive-Inotropic Score exist; however, the raw dataset has stacked versions, VIS_ALLVERSIONS.

(µg/kg/min)

VISVasopressin, #

VISIsoproterenol, #

e) 🕶

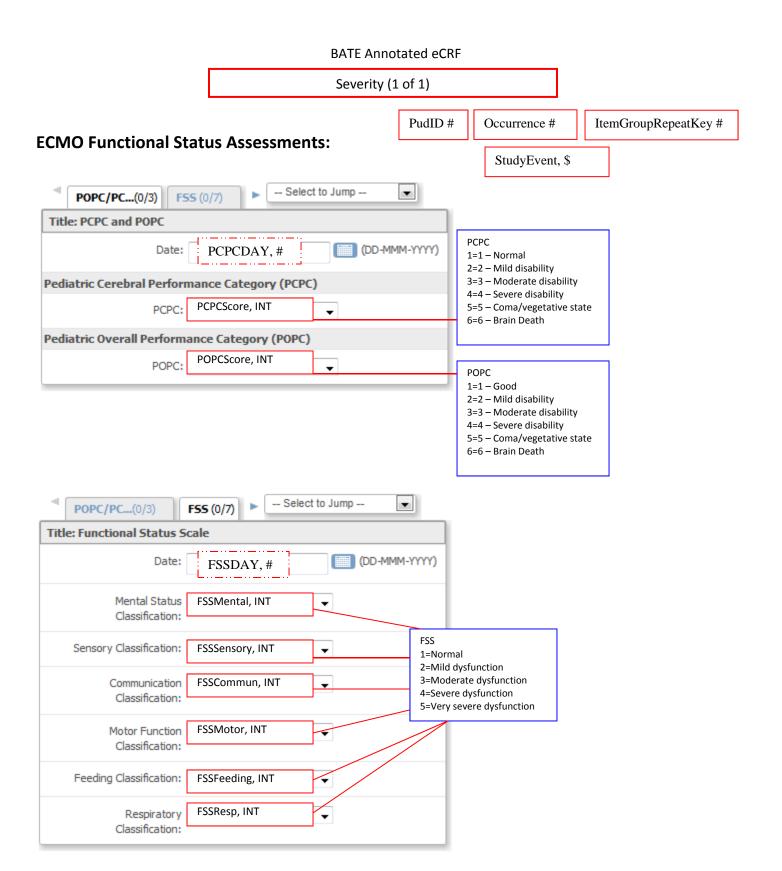
Were any bolus vasoactive medications given in the hour prior to ECMO initiation?

Vasopressin:

Isoproterenol:

VISBolusGiven, #

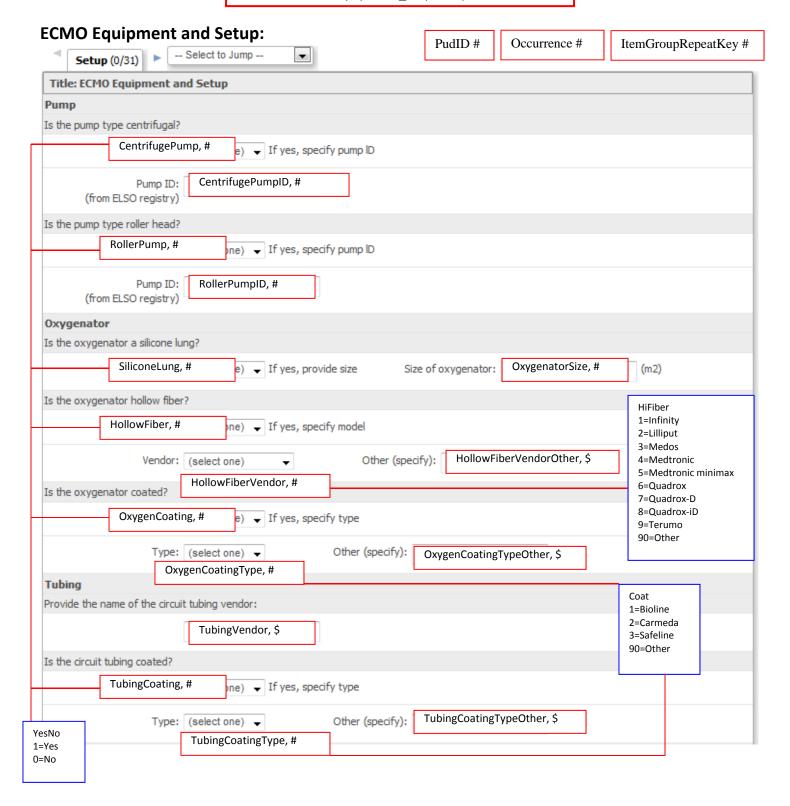
YesNo 1=Yes 0=No

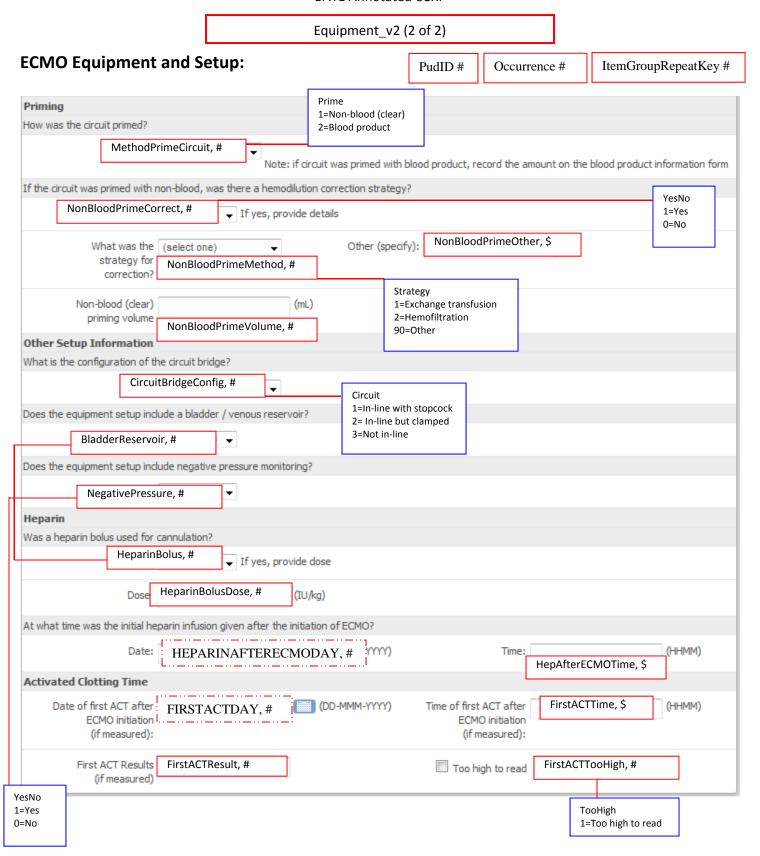


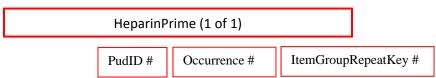
NOTE: The SEVERITY dataset has an additional unique identifier that indicates a baseline or discharge measurement.

BATE Annotated eCRF Initiation (1 of 1) PudID# Occurrence # ItemGroupRepeatKey # **ECMO Initiation of ECMO:** -- Select to Jump --• ECMO (0/18) Title: ECMO Information Initiation date of (DD-MMM-YYYY) Initiation time of ECMOStartTime, \$ (HHMM) ECMOSTARTDAY, # ECMO: ECMO: (start of flow) Mode Mode of ECMO: 1=VA 2=VA + V ModeECMOOther, \$ Other (specify): ModeECMO, # 3=VA-VV 4=VV Location of ECMO Care: LocationsECMO, # 5=VV-VA **ECMOCare** 6=VVA 1=PICU (select one) -7=VVDL 2=NICU 8=VVDL + V 3=CICU Primary ECMO Indication: IndicationECMO, # 90=Other **ECMOInd** (select one) -1=Respiratory 2=Cardiac Does the patient have meconium aspiration syndrome? 3=ECPR MAS, # (select one) -Does the patient have congenital diaphragmatic hernia? CDH, # (select one) -Does the patient have congenital cystic adenomatoid malformation? CCAM, # (select one) -Does the patient have persistent pulmonary hypertension of the newborn? PPHTN,# (select one) -Did the patient have any operative procedures in the 24 hours prior to ECMO initiation? OpProcedure, # (select one) 🔻 If yes, record the date and start time of the most recent procedure OPPROCEDUREDAY, # (DD-MMM-YYYY) OpProcedureTime, \$ Stop date: Stop time: (HHMM) Was the patient on cardiopulmonary bypass in the 24 hours prior to ECMO initiation? CBP, # (select one) 🔻 If yes, record the most recent occurrence Stop date: (DD-MMM-YYYY) Stop time: CPBTime, \$ (HHMM) CPBDAY, # Was the patient placed on ECMO directly from cardiopulmonary bypass? CPBToECMO, # (select one) -Was the patient placed on ECMO by way of an EXIT procedure? ExitToECMO, # (select one) -YesNo 1=Yes 0=No

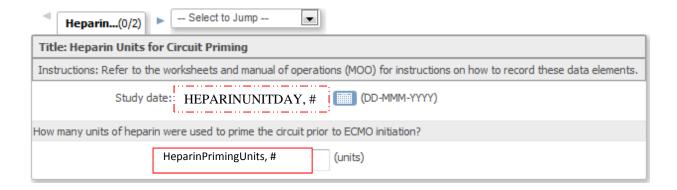
Equipment_v2 (1 of 2)







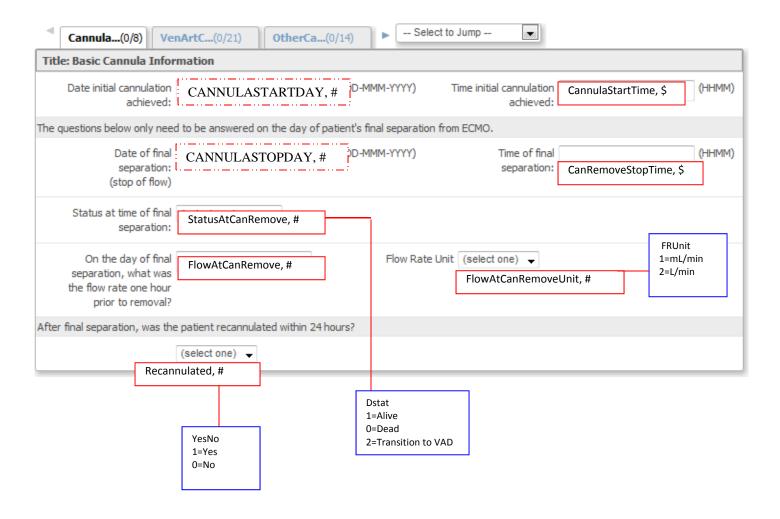
ECMO Heparin Units for Circuit Priming:

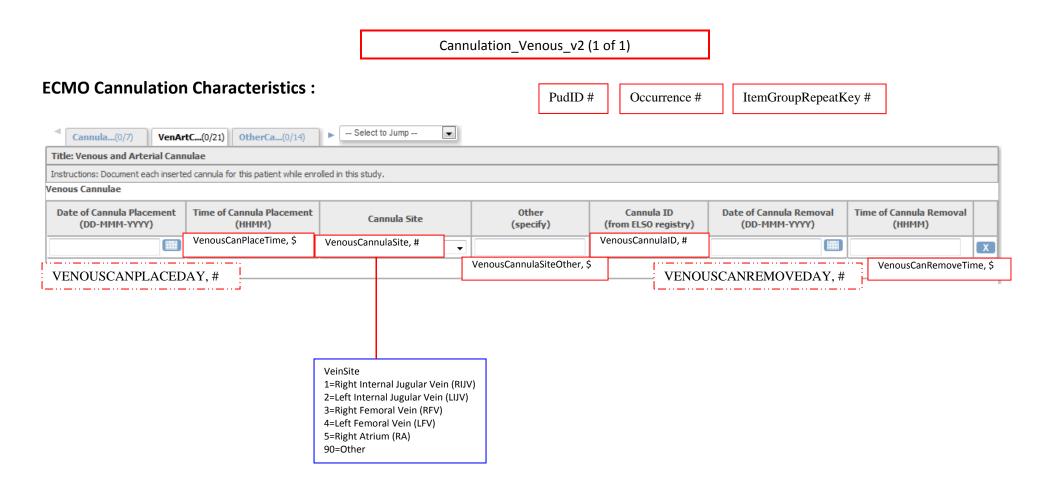


Cannulation v2 (1 of 1)

ECMO Cannulation Characteristics:



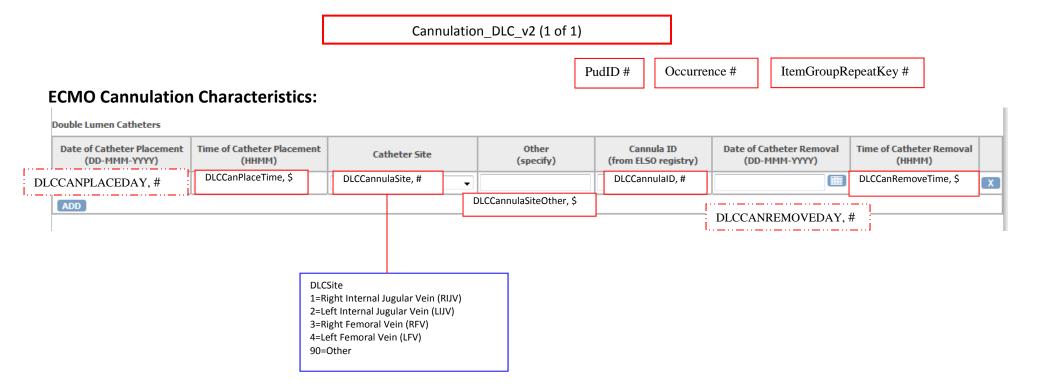




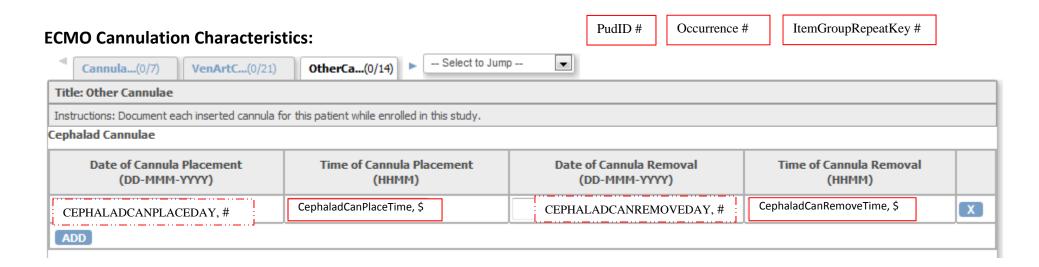
Cannulation_Arterial_v2 (1 of 1)

PudID# ItemGroupRepeatKey # Occurrence # **ECMO Cannulation Characteristics:** Arterial Cannulae **Date of Cannula Placement** Time of Cannula Placement Other Cannula ID Date of Cannula Removal Time of Cannula Removal Cannula Site (from ELSO registry) (HHMM) (DD-MMM-YYYY) (HHMM) (specify) (DD-MMM-YYYY) ArterialCanPlaceTime, \$ ArterialCannulaID, # X (select one) ARTERIALCANREMOVEDAY, # ArterialCannulaSite, # ArterialCannulaSiteOther, \$ ArterialCanRemoveTime, \$ ARTERIALCANPLACEDAY, # ArtSite 1=Right Common Carotid Artery (RCCA) 2=Left Common Carotid Artery (LCCA) 3=Right Femoral Artery (RFA) 4=Left Femoral Artery (LFA) 5=Left Atrium (LA) 6=Pulmonary Artery (PA) 7=Aorta

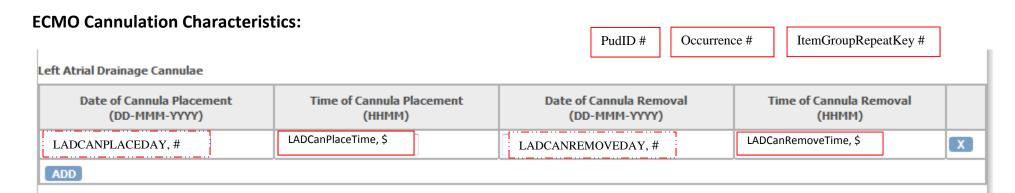
90=Other



Cannulation_Cephalad_v2 (1 of 1)

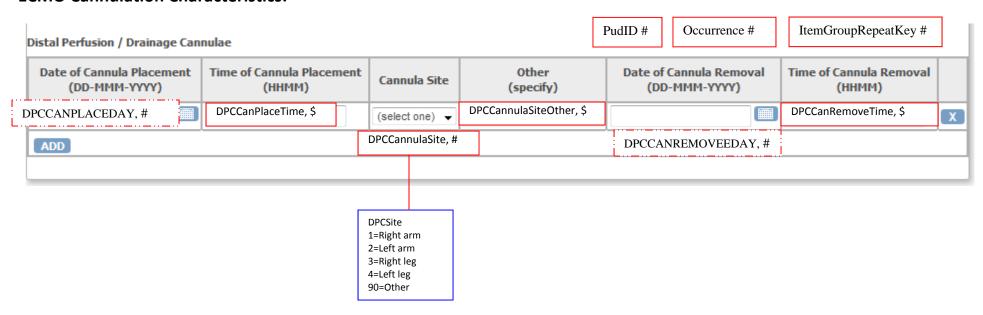


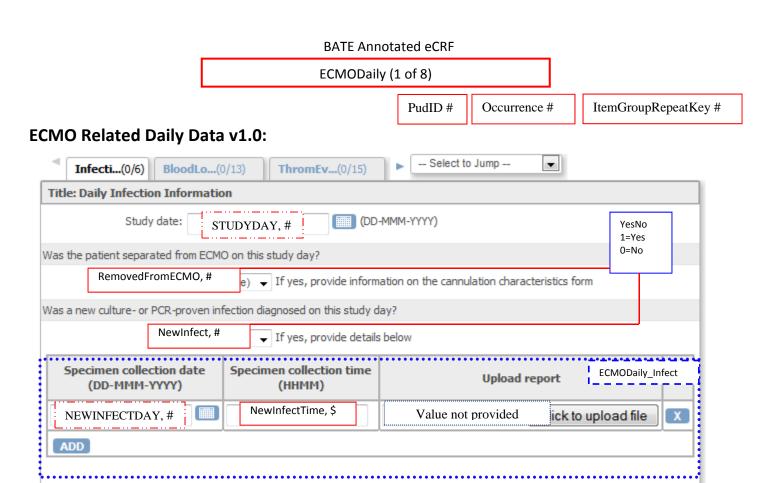
Cannulation_LAD_v2 (1 of 1)



Cannulation_DPC_v2 (1 of 1)

ECMO Cannulation Characteristics:





NOTE: Three versions of the ECMO Related Daily Data exist, including the tables embedded within the CRF; however, the raw dataset has stacked versions, ECMODAILY_ALLVERSIONS, ECMODAILY_INFECT_ALLVERSIONS.

BATE Annotated eCRF ECMODaily (2 of 8) PudID# Occurrence # ItemGroupRepeatKey # ECMO Related Daily Data v1.0: -- Select to Jump --• ThromEv...(0/15) Infecti...(0/6) BloodLo...(0/13) NotTab 98=Not tabulated Title: Daily Blood Loss Hx On this study day, what is the: LabSampleLossND, # LabSampleLoss, # Total blood loss from (mL) Not tabulated lab sampling? ChestTubeOutput, # Total chest tube (mL) No chest tube output? ChestTubeOutputND, # On this study day, did blood loss from any of the following contribute to a need for transfusion? **NoCT** 1=No chest tube Lab sampling? (select one) -LabSampleSiteLoss, # Sanguineous chest (select one) ▼ ChestTubeSiteLoss, # tube output? SurgicalSiteLoss, # Surgical site bleeding? (select one) YesNo CannulaSiteLoss, # Cannula site bleeding? (select one) -1=Yes 0=No GastroIntestBleed, # Gastrointestinal (select one) bleeding? PulmBleed, # Pulmonary (select one) hemorrhage? TransIntracranBleed, # Intracranial bleeding? (select one) ▼

GUBleed,#

NewIntracranBleed, #

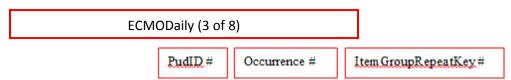
Genitourinary

bleeding?

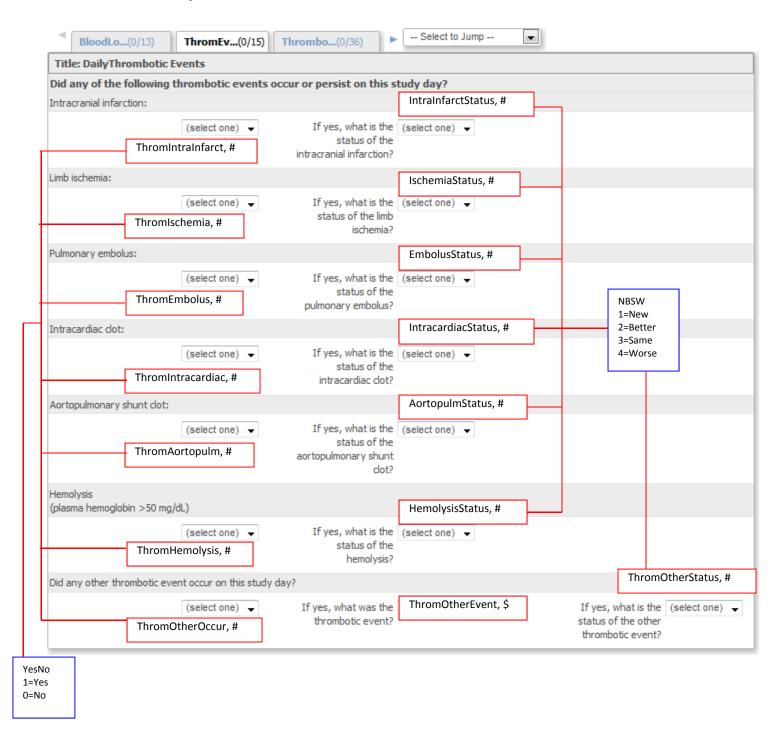
(select one) -

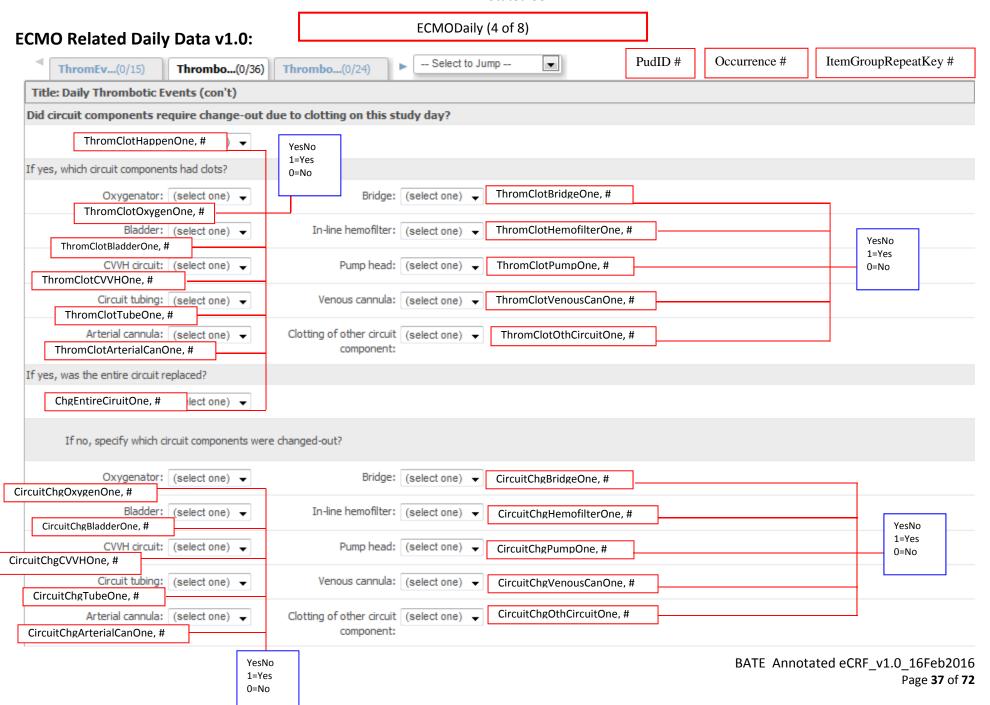
(select one) -

On this study day, was there new or increased intracranial bleeding?

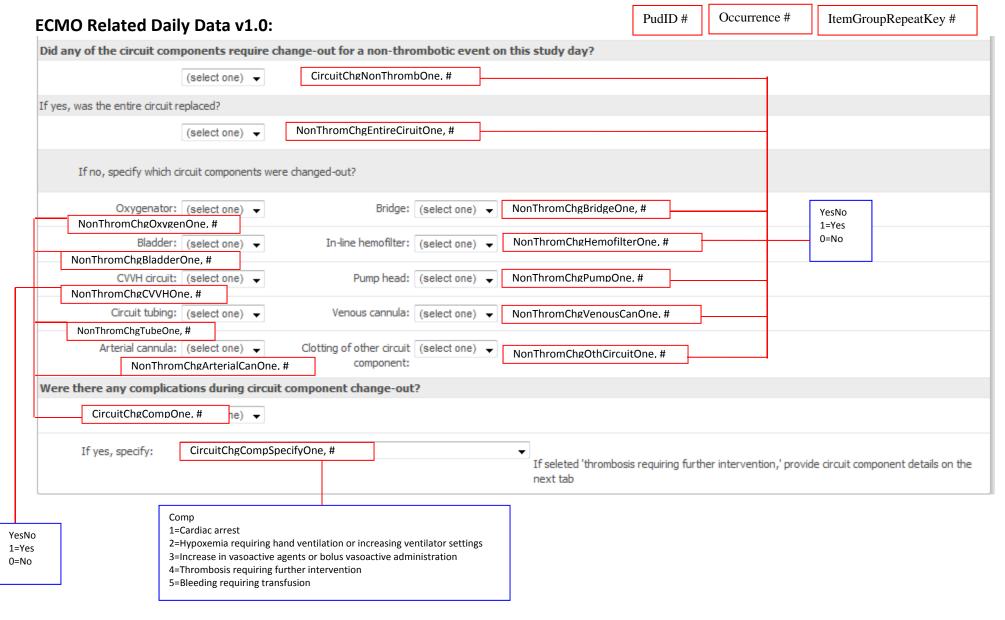


ECMO Related Daily Data v1.0:

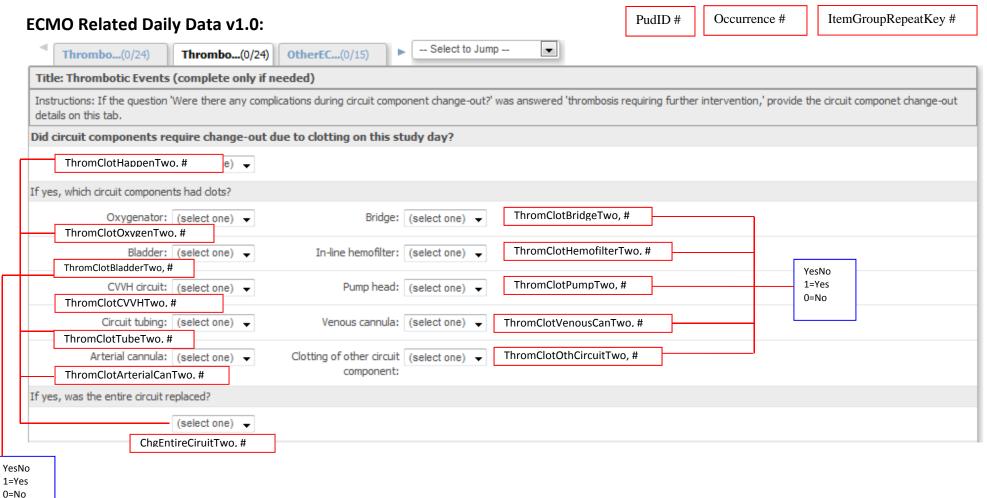




BATE Annotated eCRF ECMODaily (5 of 10)



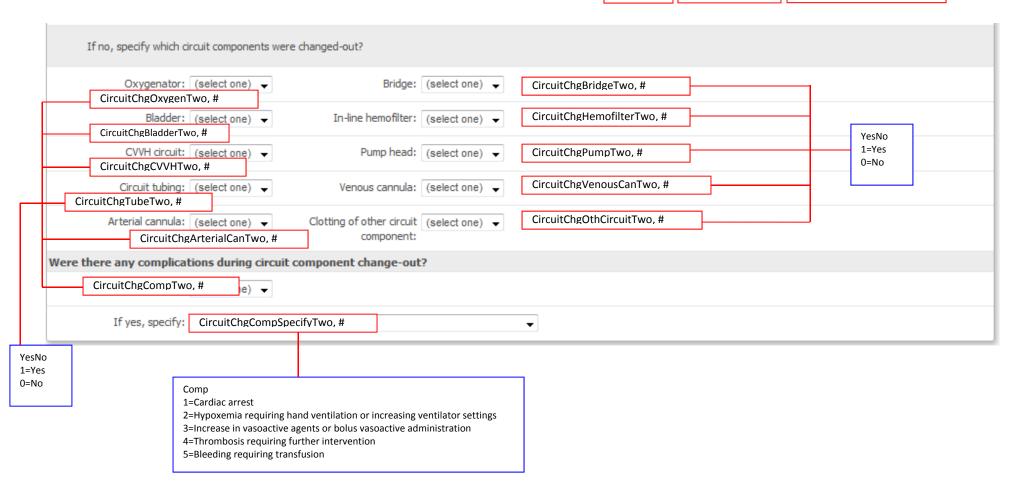
BATE Annotated eCRF ECMODaily (6 of 8)

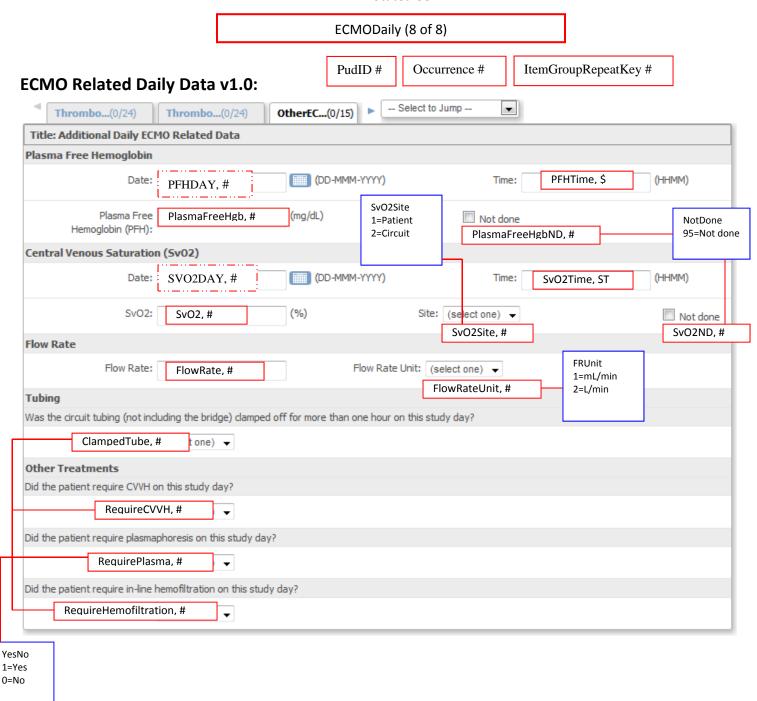


BATE Annotated eCRF ECMODaily (7 of 8)

ECMO Related Daily Data v1.0:

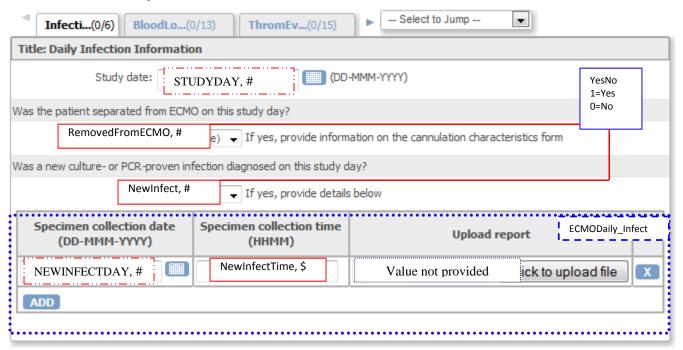
PudID # Occurrence # ItemGroupRepeatKey #

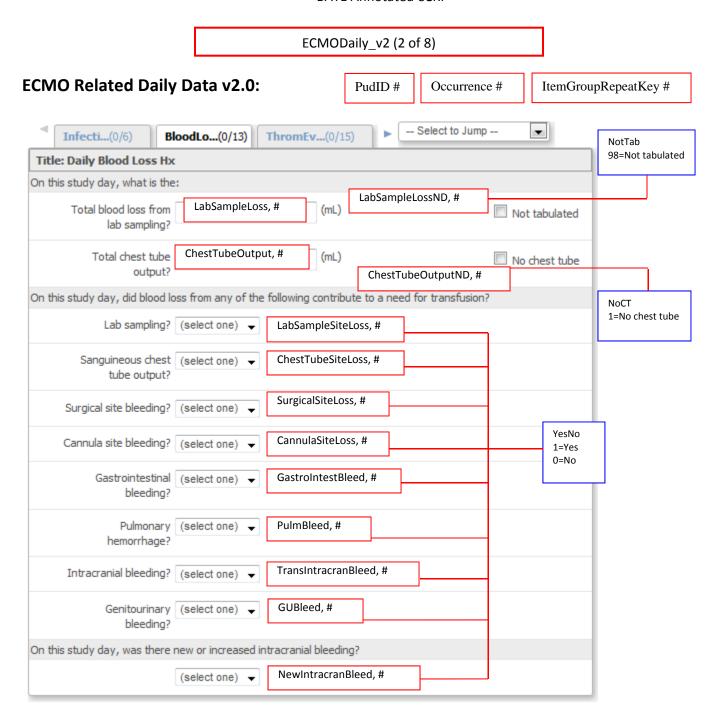




PudID # Occurrence # ItemGroupRepeatKey #

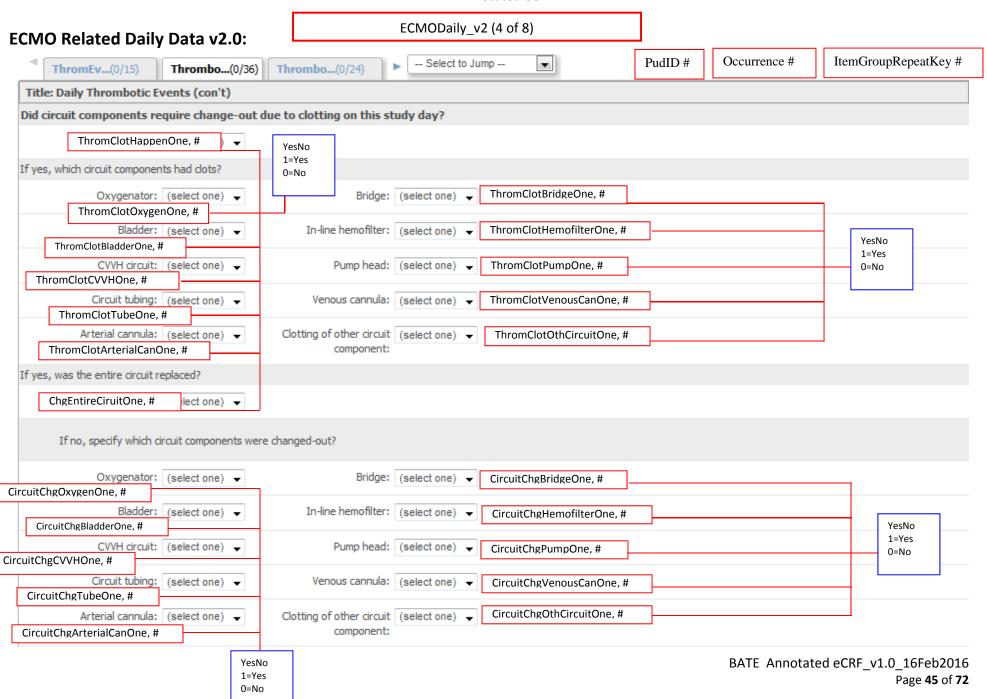
ECMO Related Daily Data v2.0:



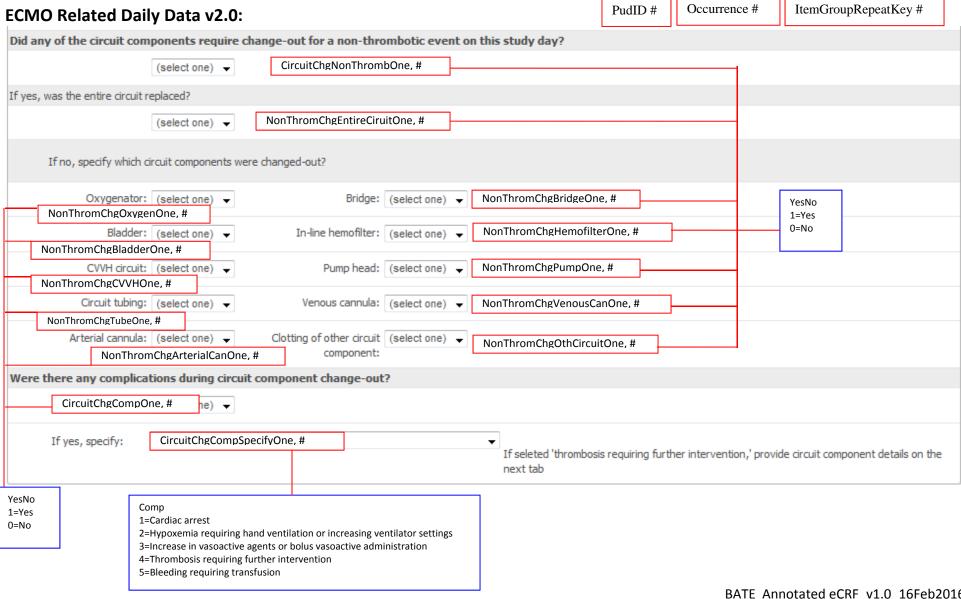


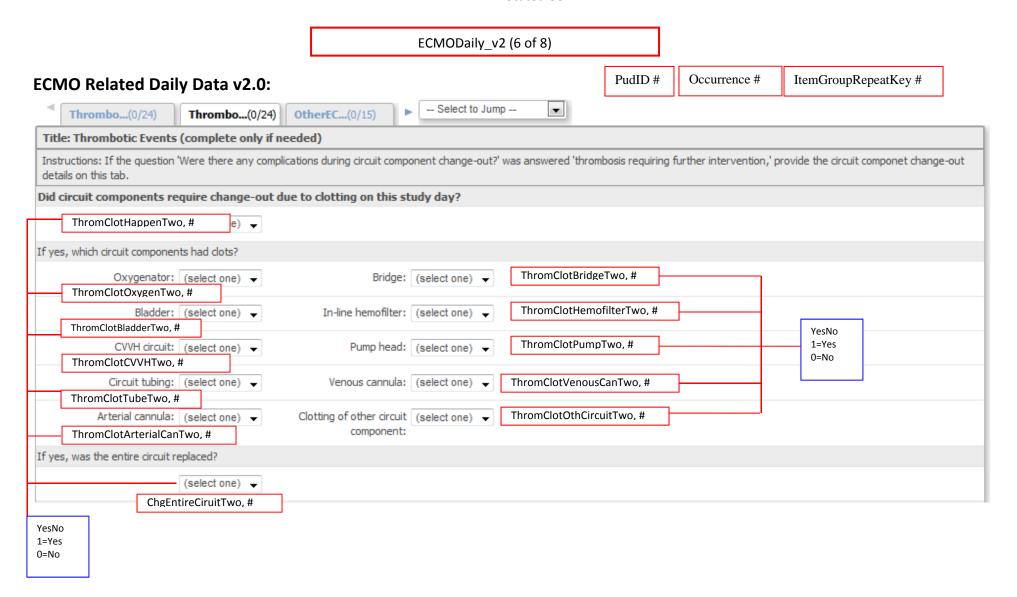
ECMODaily_v2 (3 of 8) PudID# Occurrence # ItemGroupRepeatKey # **ECMO Related Daily Data v2.0:** -- Select to Jump --• BloodLo...(0/13) ThromEv...(0/15) Thrombo...(0/36) Title: DailyThrombotic Events Did any of the following thrombotic events occur or persist on this study day? IntraInfarctStatus, # Intracranial infarction: If yes, what is the (select one) -(select one) status of the ThromIntraInfarct, # intracranial infarction? Limb ischemia: IschemiaStatus, # If yes, what is the (select one) -(select one) status of the limb ThromIschemia, # ischemia? Pulmonary embolus: EmbolusStatus, # (select one) -If yes, what is the (select one) status of the ThromEmbolus, # NBSW pulmonary embolus? 1=New IntracardiacStatus, # 2=Better Intracardiac dot: 3=Same If yes, what is the 4=Worse (select one) -(select one) ▼ status of the ThromIntracardiac, # intracardiac dot? Aortopulmonary shunt dot: AortopulmStatus, # If yes, what is the (select one) -(select one) status of the ThromAortopulm, # aortopulmonary shunt Hemolysis (plasma hemoglobin >50 mg/dL) HemolysisStatus, # If yes, what is the (select one) ▼ (select one) status of the ThromHemolysis, # hemolysis? ThromOtherStatus, # Did any other thrombotic event occur on this study day? ThromOtherEvent, \$ If yes, what was the If yes, what is the (select one) 🔻 (select one) 🔻 status of the other thrombotic event? ThromOtherOccur, # thrombotic event? YesNo

1=Yes 0=No



ECMODaily_v2 (5 of 8)





ECMODaily_v2 (7 of 8)

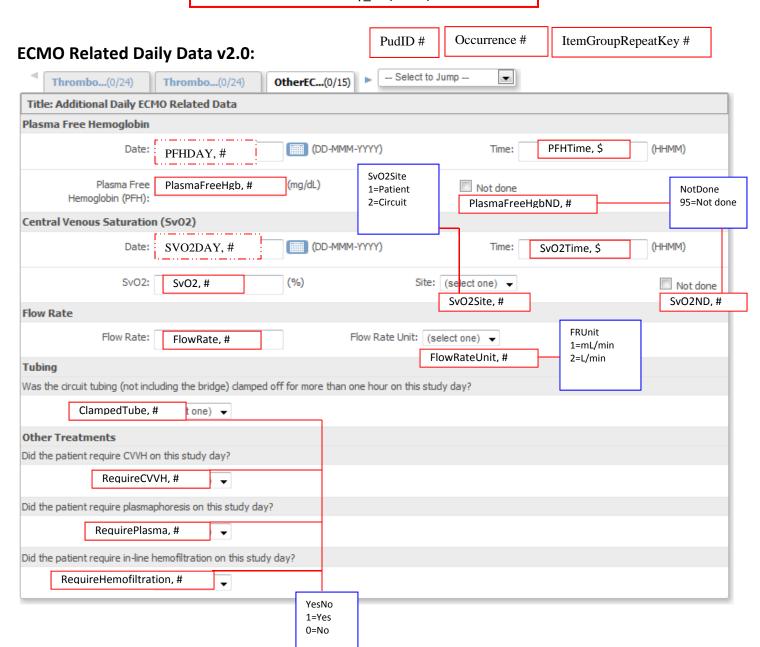
ECMO Related Daily Data v2.0:

4=Thrombosis requiring further intervention

5=Bleeding requiring transfusion

Occurrence # ItemGroupRepeatKey # PudID# If no, specify which circuit components were changed-out? Oxygenator: (select one) -Bridge: (select one) -CircuitChgBridgeTwo, # CircuitChgOxygenTwo, # In-line hemofilter: (select one) ▼ CircuitChgHemofilterTwo, # Bladder: (select one) -CircuitChgBladderTwo, # YesNo Pump head: (select one) ▼ 1=Yes CVVH circuit: (select one) -CircuitChgPumpTwo, # 0=No CircuitChgCVVHTwo, # CircuitChgVenousCanTwo, # Venous cannula: (select one) ▼ Circuit tubing: (select one) -CircuitChgTubeTwo, # Clotting of other circuit (select one) ▼ CircuitChgOthCircuitTwo,# Arterial cannula: (select one) component: CircuitChgArterialCanTwo, # Were there any complications during circuit component change-out? CircuitChgCompTwo,# If yes, specify: CircuitChgCompSpecifyTwo, # YesNo 1=Yes 0=No Comp 1=Cardiac arrest 2=Hypoxemia requiring hand ventilation or increasing ventilator settings 3=Increase in vasoactive agents or bolus vasoactive administration

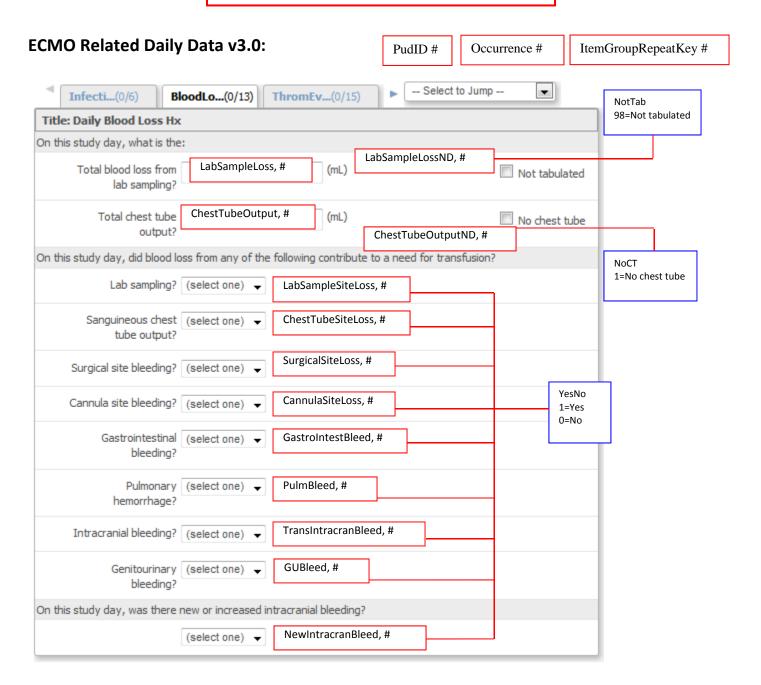
ECMODaily_v2 (8 of 8)



ECMODaily_v3 (1 of 8)

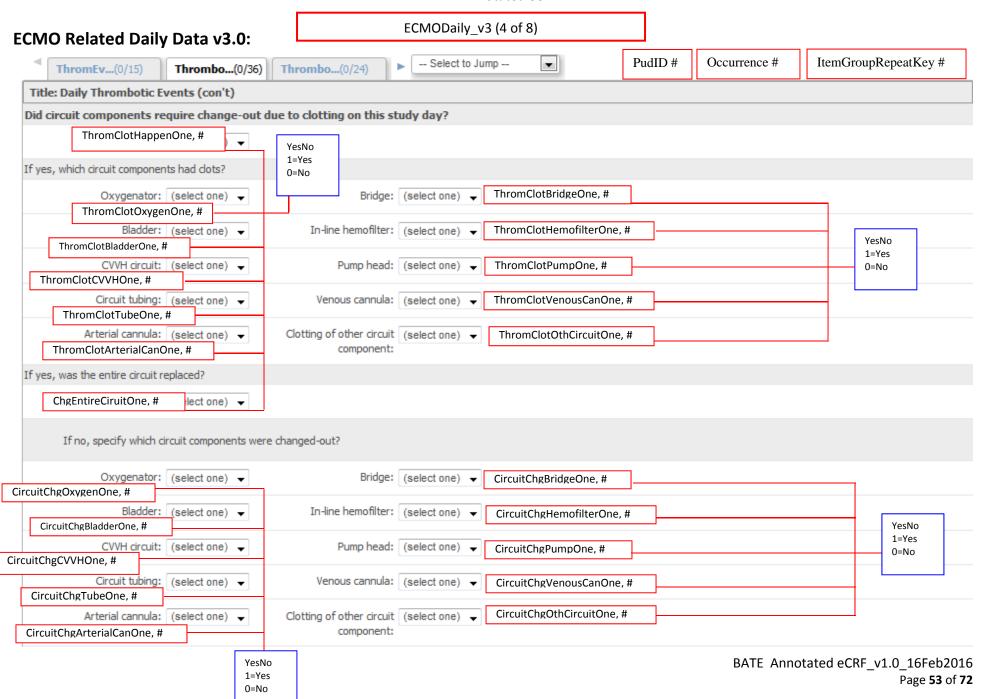
ECMO Related Daily Data v3.0: Occurrence # PudID# ItemGroupRepeatKey # • -- Select to Jump --ThromEv...(0/15) Infecti...(0/6) BloodLo...(0/13) **Title: Daily Infection Information** Study date: (DD-MMM-YYYY) STUDYDAY, # YesNo 1=Yes 0=No Was the patient separated from ECMO on this study day? RemovedFromECMO, # If yes, provide information on the cannulation characteristics form Was a new culture- or PCR-proven infection diagnosed on this study day? NewInfect, # If yes, provide details below Specimen collection date Specimen collection time ECMODaily_Infect **Upload** report (DD-MMM-YYYY) (HHMM) NewInfectTime, \$ Value not provided NEWINFECTDAY, # k to upload file ADD

ECMODaily_v3 (2 of 8)



BATE Annotated eCRF ECMODaily v3 (3 of 8) **ECMO Related Daily Data v3.0:** PudID# Occurrence # ItemGroupRepeatKey # -- Select to Jump --▼ | BloodLo...(0/13) ThromEv...(0/21) Thrombo...(0/36) Title: DailyThrombotic Events Did any of the following events occur or persist on this study day? Intracranial infarction: IntraInfarct, # If yes, answer the following questions: Thrombotic? (select one) What is the status of IntraInfarctThromStatus, # the thrombotic IntraInfarctThromType, # intracranial infarction? Non-thrombotic? (select one) What is the status of IntraInfarctNonThromStatus, # the non-thrombotic IntraInfarctNonThromType, # intracranial infarction? Limb ischemia: If yes, answer the following questions: Ischemia, # Thrombotic? (select one) What is the status of (select one) the thrombotic limb IschemiaThromType, # IschemiaThromStatus, # ischemia? What is the status of (select one) Non-thrombotic? (select one) the non-thrombotic IschemiaNonThromType, # IschemiaNonThromStatus, # limb ischemia? Pulmonary embolus: If yes, what is the (select one) (select one) ThromEmbolus, # status of the NBSW EmbolusStatus, # pulmonary embolus? 1=New 2=Better Intracardiac dot: 3=Same If yes, what is the (select one) 4=Worse (select one) status of the ThromIntracardiac, # IntracardiacStatus, # intracardiac dot? Aortopulmonary shunt dot: If yes, what is the (select one) (select one) status of the ThromAortopulm, # aortopulmonary shunt AortopulmStatus, # Hemolysis (plasma hemoglobin >50 mg/dL) (select one) If yes, what is the (select one) status of the ThromHemolysis, # HemolysisStatus, # hemolysis? Did any other thrombotic event occur on this study day? If yes, what was the If yes, what is the (select one) ThromOtherEvent, # ThromOtherOccur, # status of the other thrombotic event? thrombotic event?

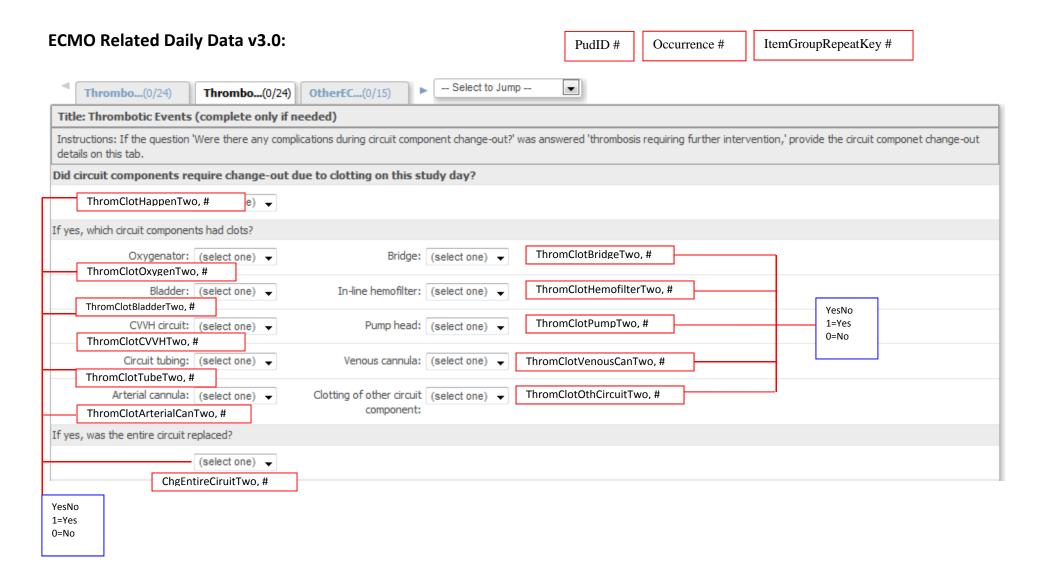
YesNo 1=Yes 0=No ThromOtherStatus, #



ECMODaily_v3 (5 of 18

ItemGroupRepeatKey # PudID# Occurrence # **ECMO Related Daily Data v3.0:** Did any of the circuit components require change-out for a non-thrombotic event on this study day? CircuitChgNonThrombOne.# (select one) -If yes, was the entire circuit replaced? NonThromChgEntireCiruitOne, # (select one) -If no, specify which circuit components were changed-out? Oxygenator: (select one) -NonThromChgBridgeOne.# Bridge: (select one) ▼ YesNo NonThromChgOxygenOne, # 1=Yes 0=No Bladder: (select one) ▼ NonThromChgHemofilterOne, # In-line hemofilter: (select one) ▼ NonThromChgBladderOne, # CVVH circuit: (select one) -Pump head: (select one) -NonThromChgPumpOne, # NonThromChgCVVHOne.# Circuit tubing: (select one) -Venous cannula: (select one) ▼ NonThromChgVenousCanOne, # NonThromChgTubeOne, # Arterial cannula: (select one) -Clotting of other circuit (select one) -NonThromChgOthCircuitOne, # component: NonThromChgArterialCanOne.# Were there any complications during circuit component change-out? CircuitChgCompOne, # CircuitChgCompSpecifvOne. # If yes, specify: If seleted 'thrombosis requiring further intervention,' provide circuit component details on the next tab YesNo Comp 1=Yes 1=Cardiac arrest 0=No 2=Hypoxemia requiring hand ventilation or increasing ventilator settings 3=Increase in vasoactive agents or bolus vasoactive administration 4=Thrombosis requiring further intervention 5=Bleeding requiring transfusion

ECMODaily v3 (6 of 8)



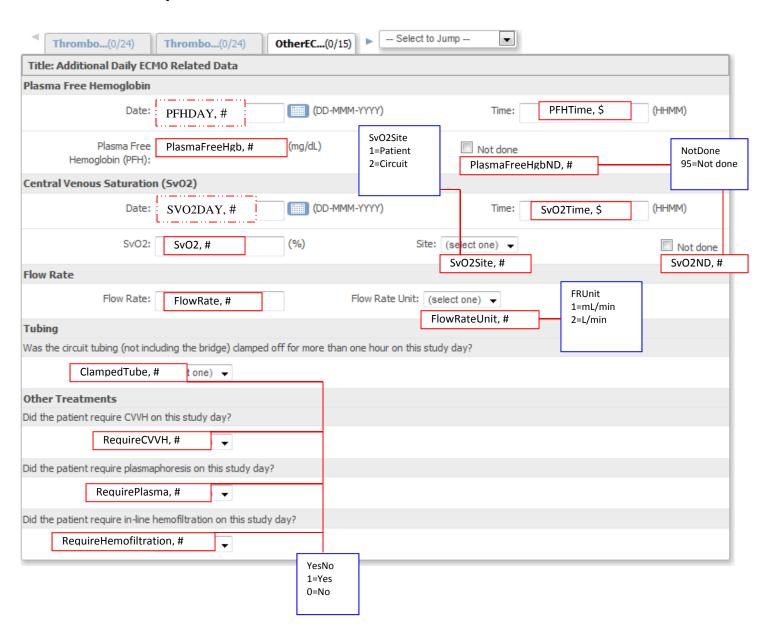
ECMODaily_v3 (7 of 8)



ECMODaily_v3 (8 of 8)

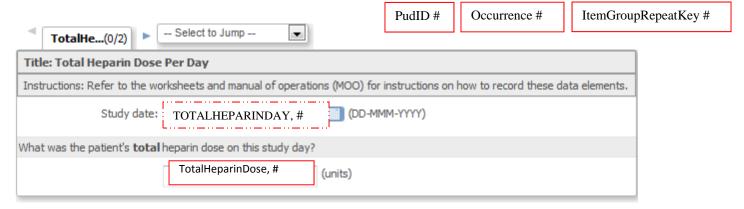
ECMO Related Daily Data v3.0:

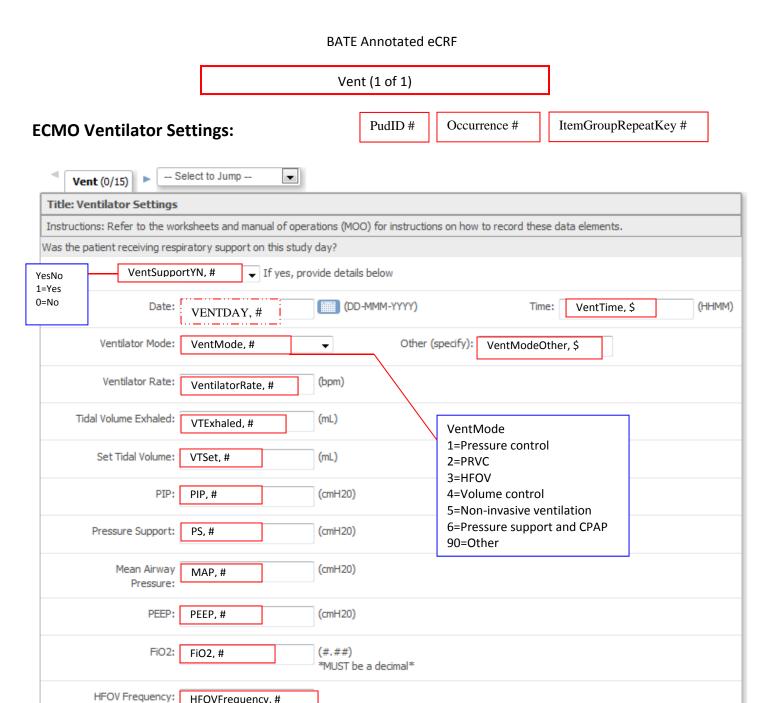
PudID # Occurrence # ItemGroupRepeatKey #



HeparinTotal (1 of 1)

ECMO Total Heparin Dose per Day:



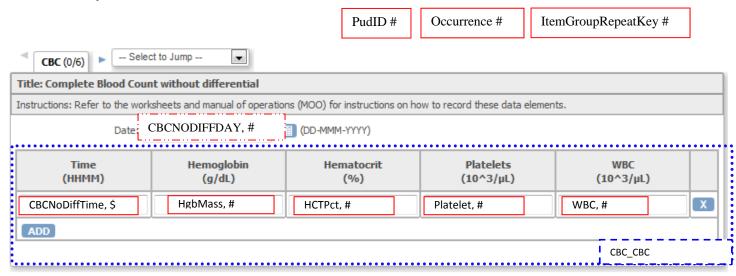


HFOV Amplitude:

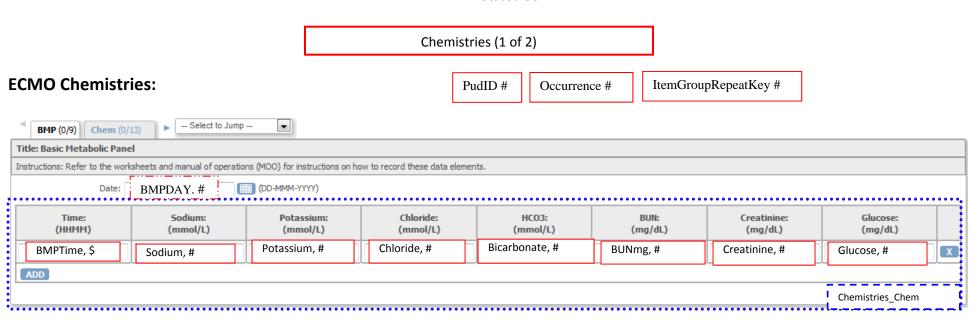
HFOVAmplitude, #

CBC (1 of 1)

ECMO Complete Blood Count w/o diff:



BATE Annotated eCRF ABG (1 of 1) ItemGroupRepeatKey # PudID# Occurrence # **ECMO Arterial Blood Gases:** ABG (0/10) -- Select to Jump --Title: Arterial Blood Gases Instructions: Refer to the worksheets and manual of operations (MOO) for instructions on how to record these data elements. Date: ARGDAY # Fi₀2 Time paCO2 pa02 HCO3 Sa02 (#.##) **Ionized Calcium Ionized Calcium Unit** (HHMM) (#.##) (mmHg) (mmHg) (mmol/L) (%) Must be a decimal ABGTime, \$ PaO2ArtBld, # HCO3, # CalonArtBld, # SaO2, # pHArtBld,# X elect one) 💂 ADD PCO2ArtBld, # CalonArtBldUnit, # ABGFiO2, # ABG_ABG 1=mg/dL 2=mmol/L



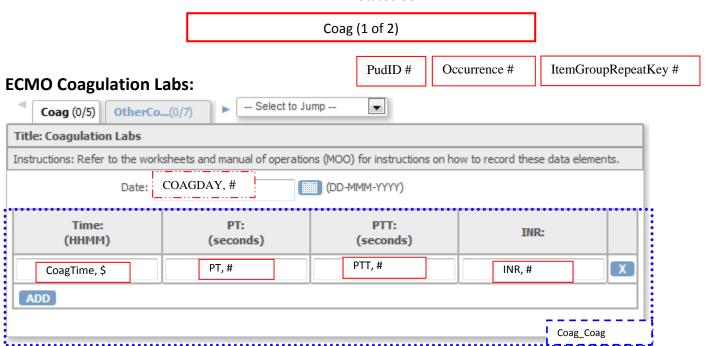
Note: Although the case report form reflects HCO3 as being collected, the lab value being provided in this data field represents total CO2.

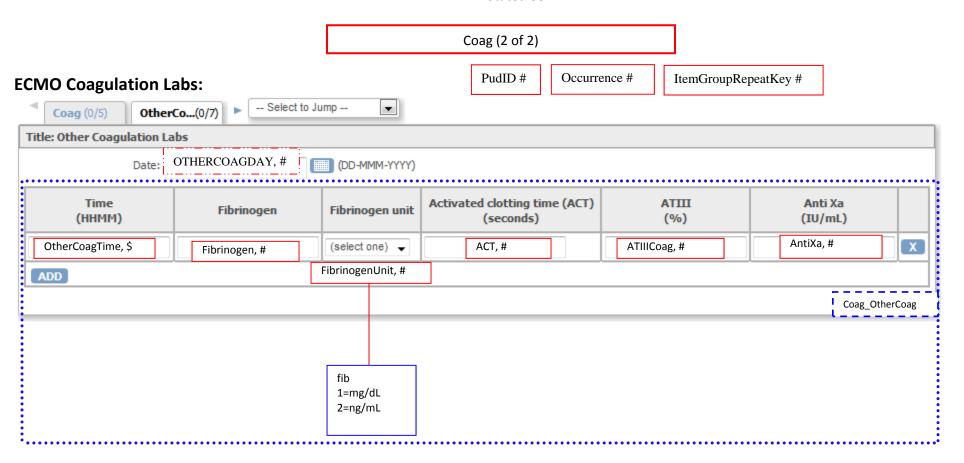
Chemistries (2 of 2)

PudID # Occurrence # ItemGroupRepeatKey #

ECMO Chemistries:







Parameter_v2 (1 of 3)

ECMO Daily Parameter Goals: PudID# Occurrence # ItemGroupRepeatKey # -- Select to Jump --• Goals (0/63) Title: Daily Parameter Goals (DD-MMM-YYYY) Date: GOALSDAY, # Were any daily parameter goals changed on this study day during morning rounds? Note: Study day 1 must always be answered yes. YesNo GoalsChanged, # 1=Yes 0=No Hematocrit HCTGoalHigh, # Low Hematocrit: HCTGoalLow, # (%) High Hematocrit: HCTNotChg, # HCTNotDone, # Not changed from previous study day Not set Hemoglobin Low Hemoglobin: (g/dL) High Hemoglobin: HgbGoalHigh, # (g/dL) HgbGoalLow, # HgbNotChg, # HgbNotDone,# Not changed from previous study day Not set Platelets Low Platelets: (10^3/µL) High Platelets: PlateletGoalHigh, # (10^3/µL) PlateletGoalLow, # PlateletNotChg, # PlateletNotDone, # Not set Not changed from previous study day PT PTGoalLow, # PTGoalHigh, # Low PT: (seconds) High PT: (seconds) PTNotChg, # PTNotDone, # Not changed from previous study day Not set PTT Low PTT: High PTT: (seconds) LowPTTGoal, # (seconds) HighPTTGoal, # PTTNotDone, # PTTNotChg, # Not set Not changed from previous study day NotSet 99=Not Set NotChg 2=Not changed from previous study day

Parameter_v2 (2 of 3)

Occurrence # ItemGroupRepeatKey # PudID# **ECMO Daily Parameter Goals:** Fibrinogen Low Fibrinogen: FibrinogenGoalLow, # High Fibrinogen: FibrinogenGoalHigh, # FibrinogenGoalUnit, # Fibrinogen Unit: (select one) -FibrinogenNotDone, # FibrinogenNotChg, # Not set Not changed from previous study day Anti Xa Low Anti Xa: LowAntiXaGoal,# (IU/mL) High Anti Xa: HighAntiXaGoal, # (IU/mL) AntiXaNotDone, # AntiXaNotChg, # Not set Not changed from previous study day ATIII High ATIII: Low ATIII: ATIIIGoalLow, # ATIIIGoalHigh, # (%) ATIIINotChg, # ATIIINotDone,# Not changed from previous study day Not set ACT Low ACT: LowACTGoal, # (seconds) High ACT: HighACTGoal, # (seconds) ACTNotChg, # ACTNotDone, # Not set Not changed from previous study day PaO2 PaO2GoalLow, # High PaO2: PaO2GoalHigh, # Low PaO2: (mmHg) (mmHg) PaO2NotChg, # PaO2NotDone, # Not changed from previous study day Not set

fib

1=mg/dL 2=ng/mL

NotChg

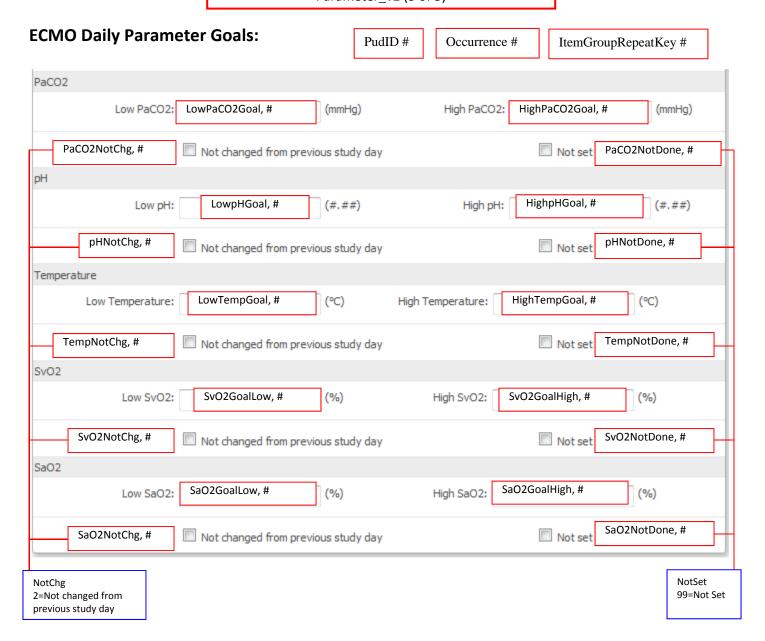
2=Not changed from

previous study day

NotSet

99=Not Set

BATE Annotated eCRF Parameter_v2 (3 of 3)



Blood (1 of 2) PudID# ItemGroupRepeatKey # Occurrence # **ECMO Blood Product & Medication Information:** -- Select to Jump --• Blood (0/14) BloodMe...(0/10) **Title: Blood Product Information** (DD-MMM-YYYY) Date: BLOODDAY, # Was whole blood given on this study day? WholeBloodGiven, # If yes, provide details WholeBloodPrime, # Total non-priming WholeBloodAmount, # (mL) (mL) Total priming amount: amount given: Were packed red blood cells (PRBC) given on this study day? PRBCGiven, # If yes, provide details PRBCAmount, # PRBCPrime, # Total non-priming (mL) Total priming amount: (mL) amount given: Was fresh frozen plasma (FFP) given on this study day? PlasmaGiven, # If yes, provide details PlasmaAmount, # PlasmaPrime, # (mL) Total non-priming (mL) Total priming amount: amount given: Were platelets given on this study day? PlateletsGiven, # If yes, provide details Total amount given: PlateletsAmount, # (mL) Was cryoprecipitate given on this study day? CryoGiven, # If yes, provide details CryoAmount, # Total amount given: (mL) YesNo 1=Yes 0=No

