PUBLIC USE DATASET
ANNOTATED eCRF

Therapeutic Hypothermia after Pediatric Cardiac Arrest

(THAPCA – In-Hospital Trial)

CPCCRN Protocol Number 010
PECARN Protocol 007

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Funded by the National Heart, Lung, and Blood Institute (NHLBI)

Protocol Version 1.12
Protocol Version Date: October 15, 2012

Annotated eCRF Version 1.0
Annoted eCRF Version Date: May 23, 2017

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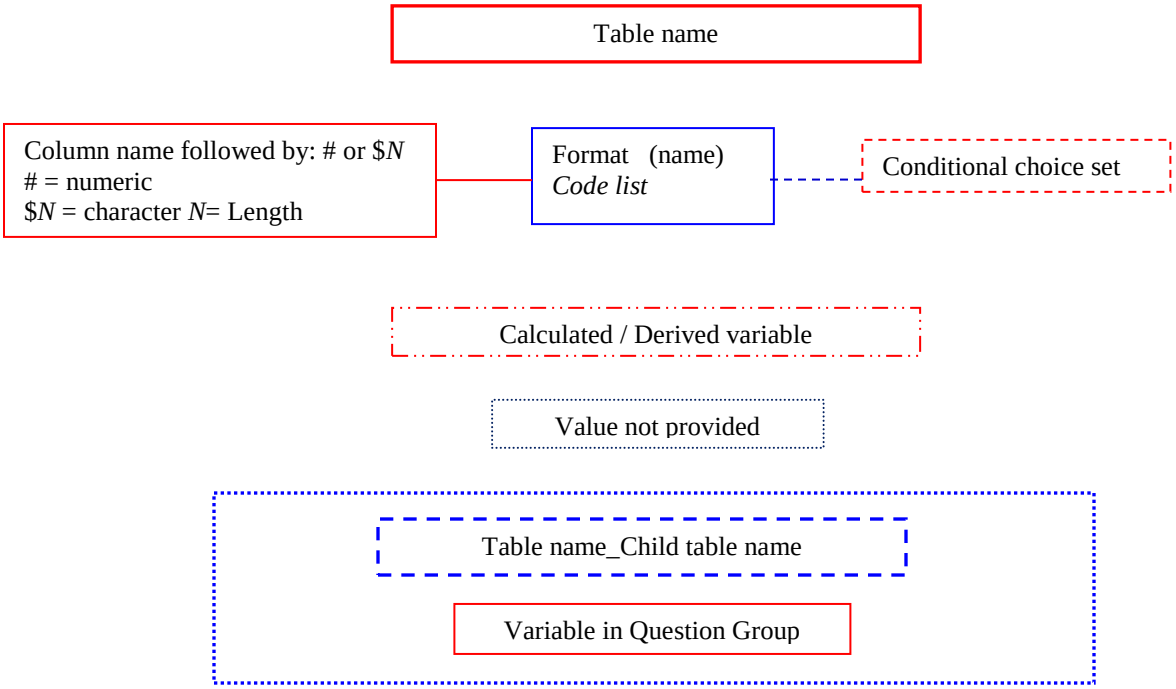
Annotations key:



Notes:

SubjectID is a randomly generated ID number that uniquely identifies an enrolled (randomized) subject across datasets, it does not contain information about original site. For instances of multiple records per enrolled subjected in a dataset, SubjectID and ItemGroupRepeatKey are used. Similarly, if there are multiple forms filled per subject, the variables StudyDay, Phase, Occurrence, StudyEvent, or VABSPhase are used with SubjectID as needed.

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

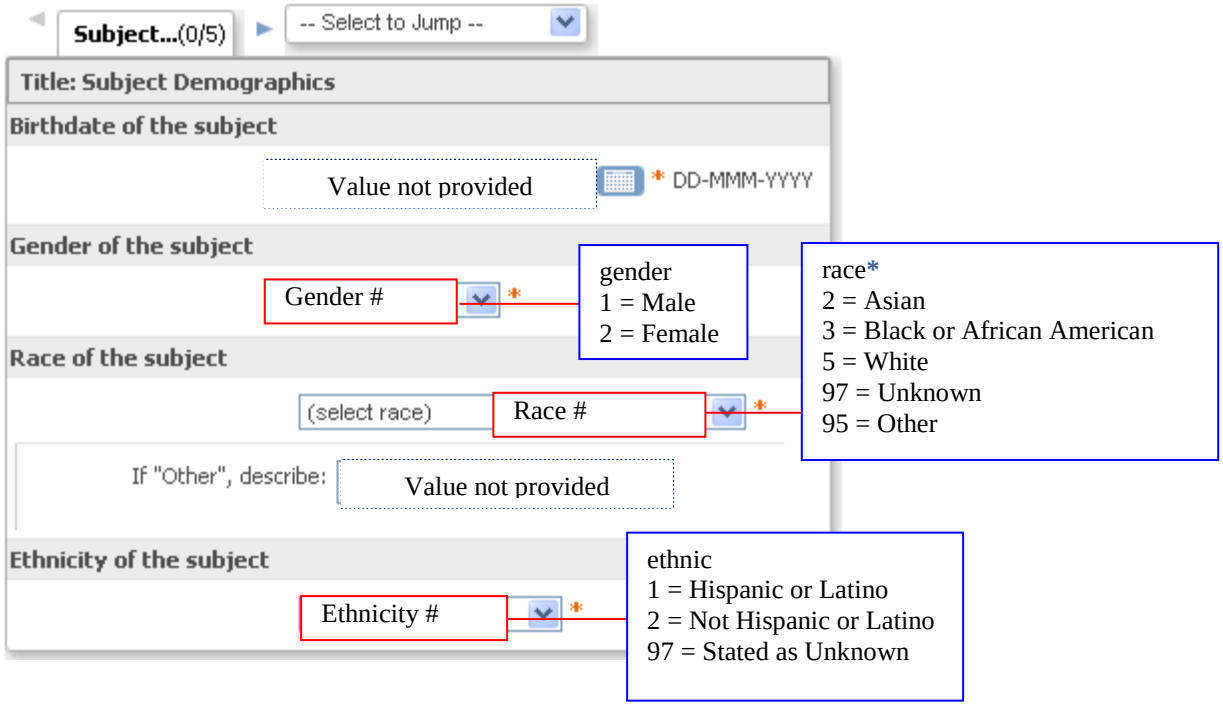
Sensitive and/or identifying information entered in free text fields have been removed from the public use datasets.

Randomization Day will be coded as 0 (Day 0) and all other dates will be recoded as number of days after Day 0.

Demographics (1 of 1)

SubjectID

Demographic Information



*Note: Recoded values 1 and 4 (American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander) as 95 (Other)

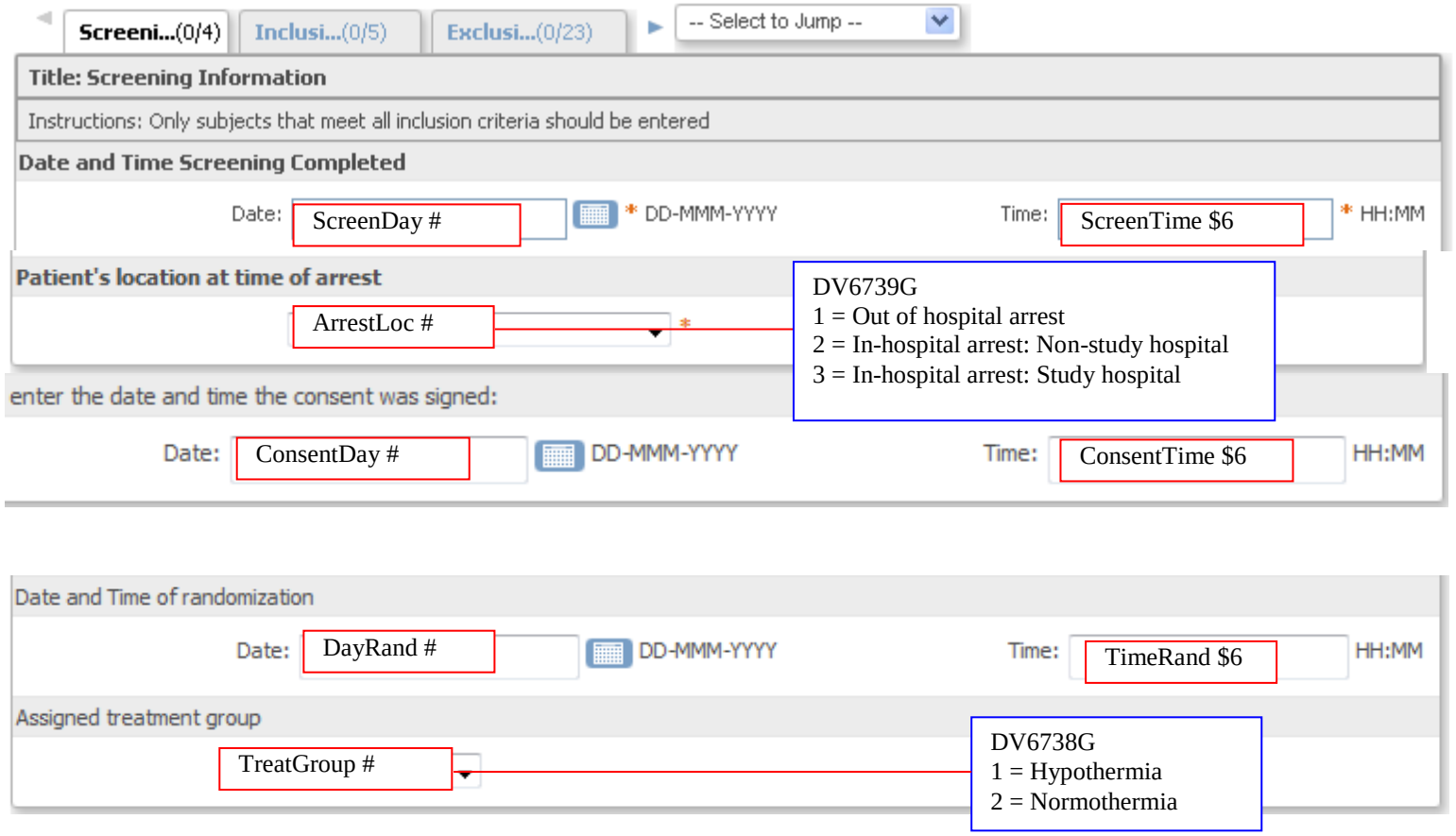
Derived variables included in the Demographics dataset:

Variable	Format	Type	Label	Algorithm / Notes
ageyrs		#	Age at Randomization (years)	Randomization Date - Birthdate

Eligibility (1 of 1)

SubjectID

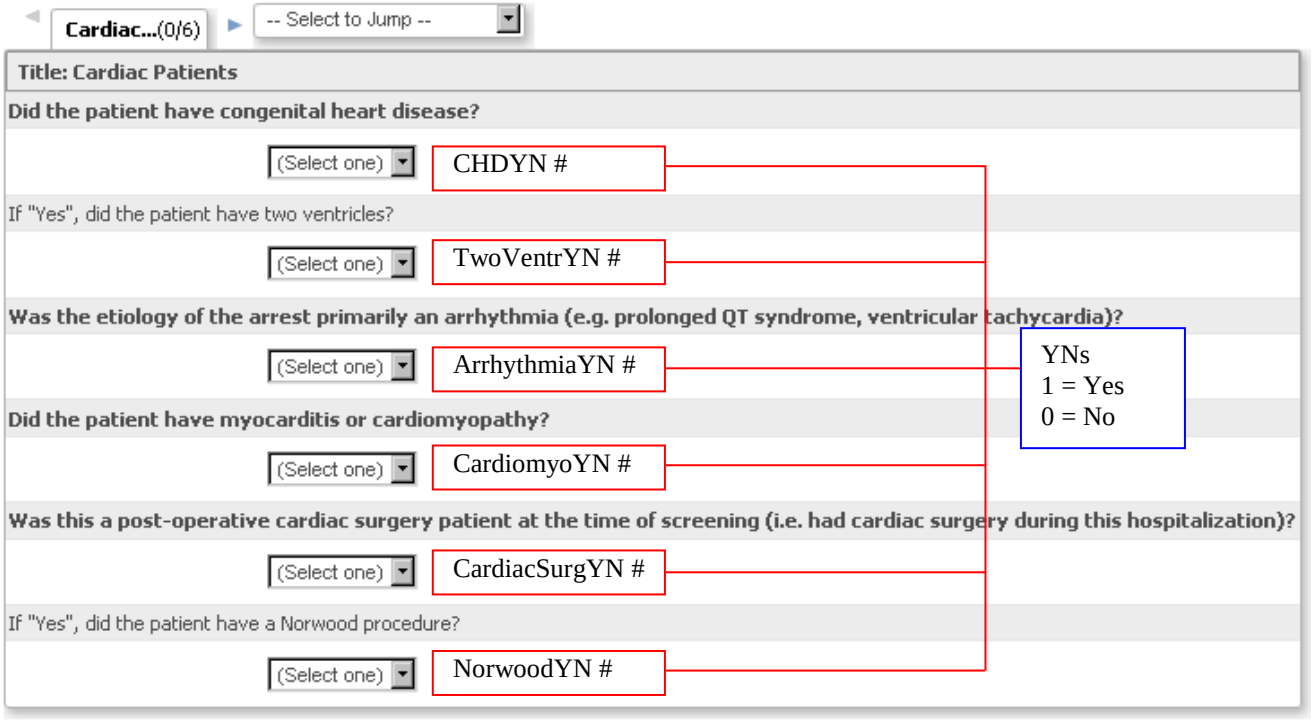
Eligibility



CardiacPatients_v2 (1 of 1)

SubjectID

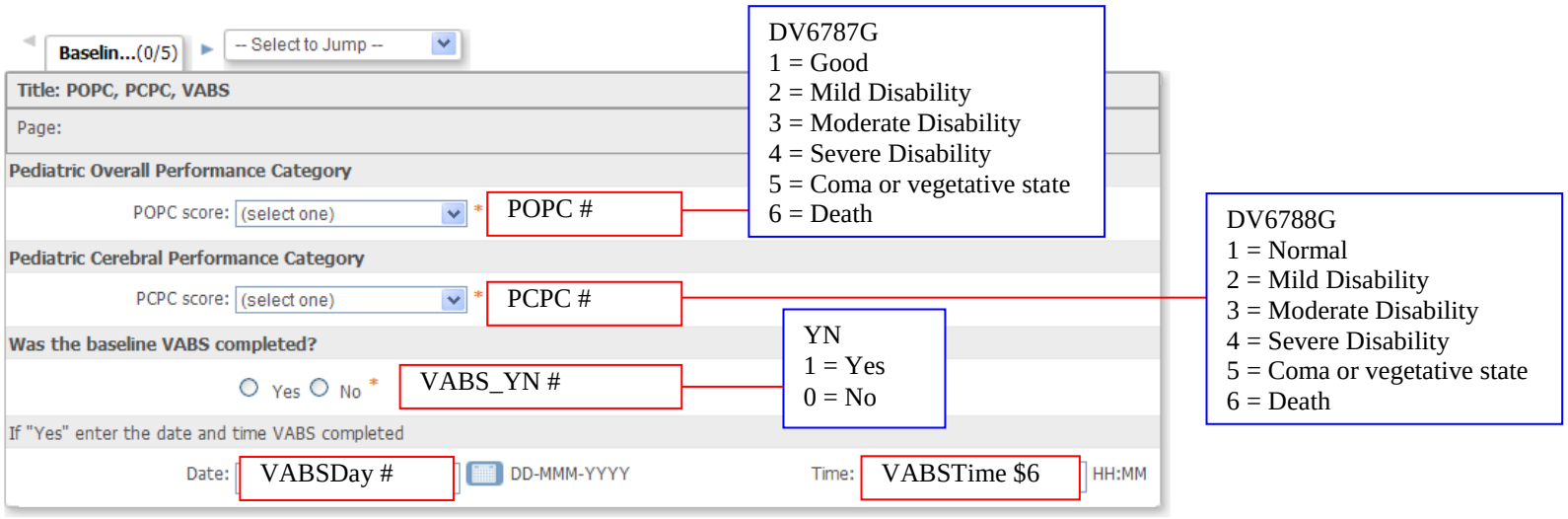
Cardiac Patients



BLNeurobehavioral (1 of 1)

SubjectID

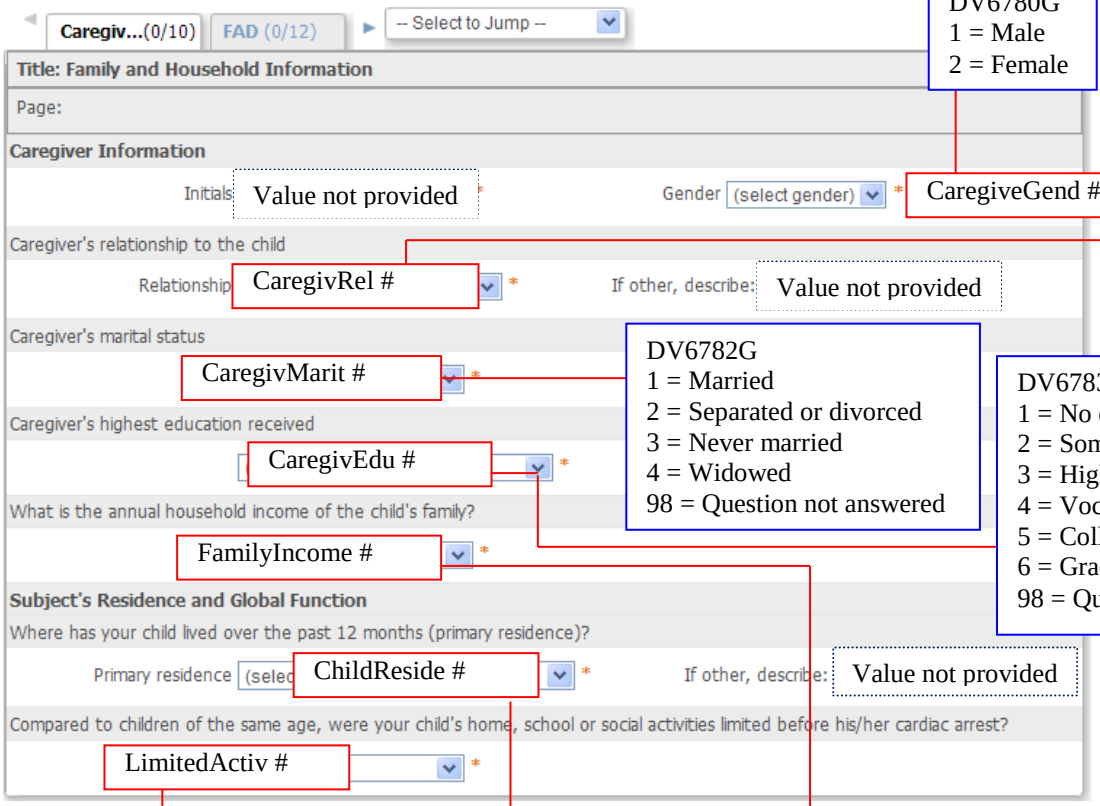
Baseline Neurobehavioral



FamilyHouseInfo (1 of 2)

SubjectID

Family and Household Information



DV6780G
1 = Male
2 = Female

DV6781G
1 = Biological or adopted parent
2 = Step parent
3 = Foster parent
4 = Grandparent
5 = Other legal guardian
95 = Other (specify)
98 = Question not answered

DV6782G
1 = Married
2 = Separated or divorced
3 = Never married
4 = Widowed
98 = Question not answered

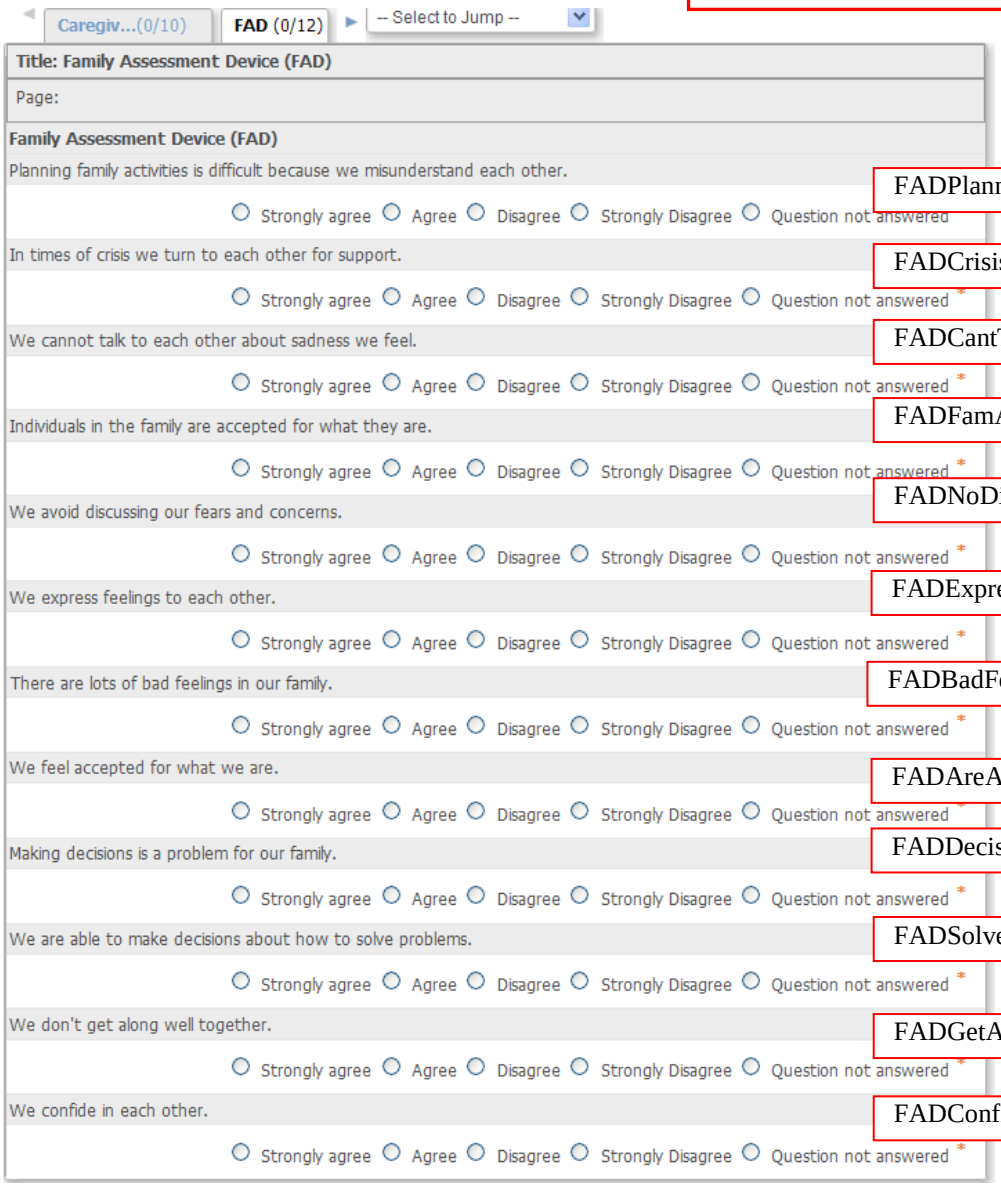
DV6783G
1 = No education
2 = Some high school or less
3 = High school graduate or GED
4 = Vocational school or some college
5 = College degree
6 = Graduate or doctoral degree
98 = Question not answered

DV6784G
1 = Less than $30,000
2 = $30,000 to < $50,000
3 = $50,000 or more
97 = Stated as unknown
98 = Question not answered

DV6785G
1 = At home with parents/guardian
2 = Foster care
3 = Acute hospital
4 = Inpatient rehabilitation hospital
5 = Chronic care or skilled nursing facility
95 = Other
98 = Question not answered

DV6786G
1 = Not limited
2 = Limited a little
3 = Limited a lot
98 = Question not answered

FamilyHouseInfo (2 of 2)



FADPlanning #

FADCrisis #

FADCantTalk #

FADFamAccept #

FADNoDiscuss #

FADExpress #

FADBadFeel #

FADAreAccept #

FADDecisions #

FADSolveProb #

FADGetAlong #

FADConfide #

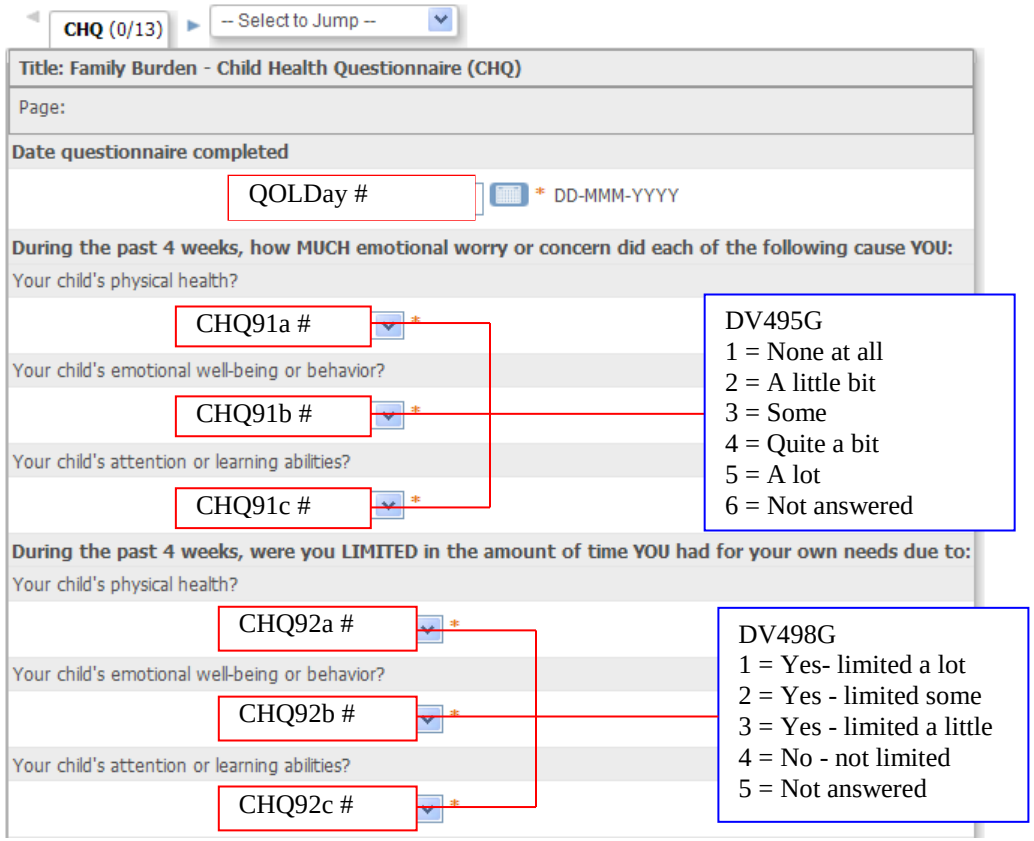
DV6792G
1 = Strongly agree
2 = Agree
3 = Disagree
4 = Strongly Disagree
98 = Question not answered

FamBurdenCHQ (1 of 2)

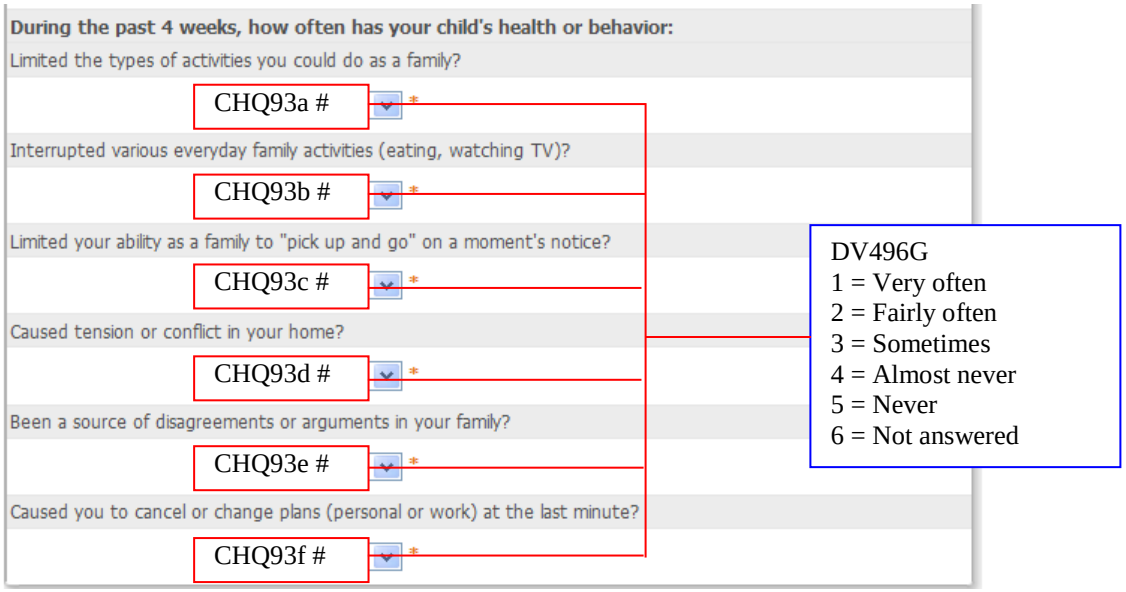
SubjectID

StudyPhase

Family Burden CHQ



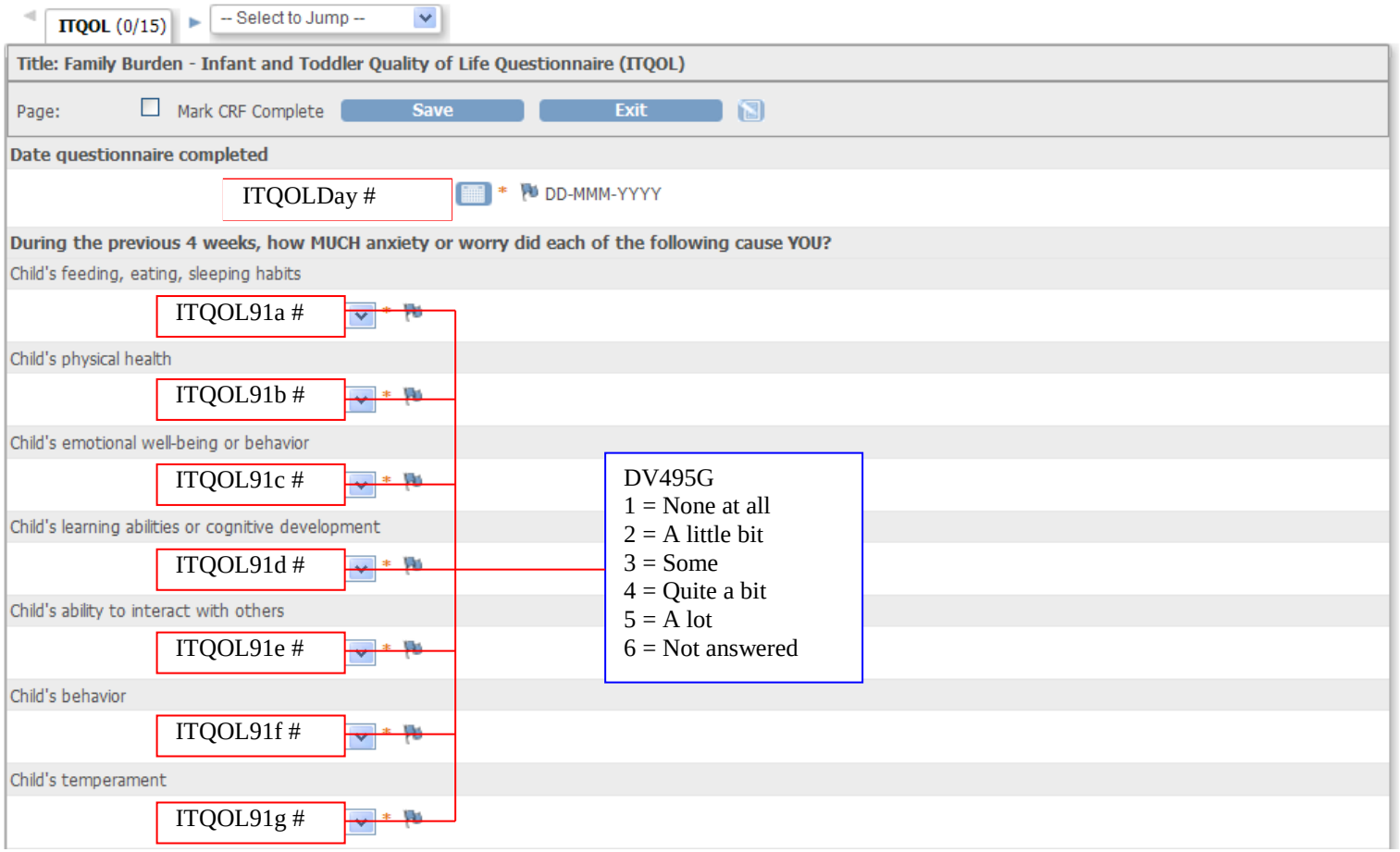
FamBurdenCHQ (2 of 2)



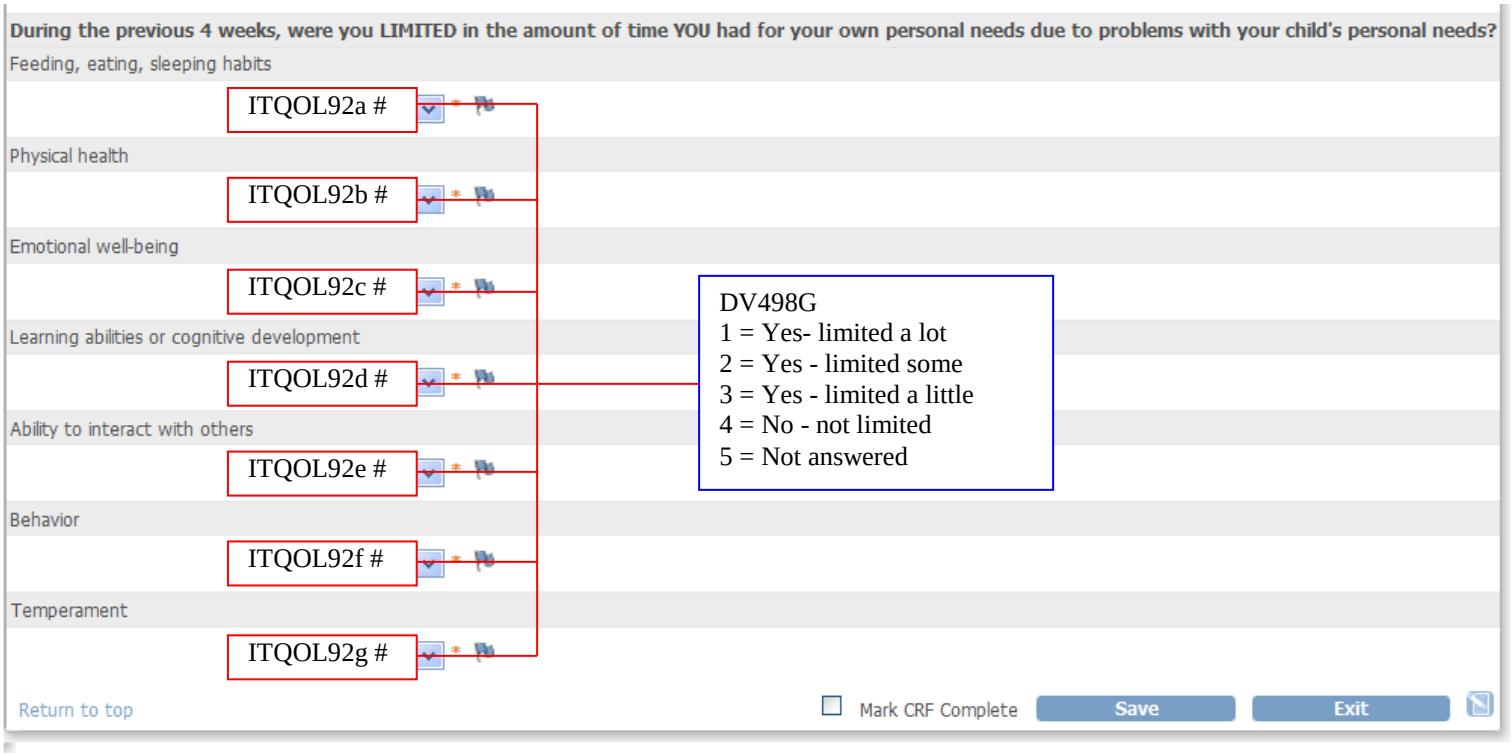
FamBurdITQOL (1 of 2)

SubjectID | StudyPhase

Family Burden ITQOL



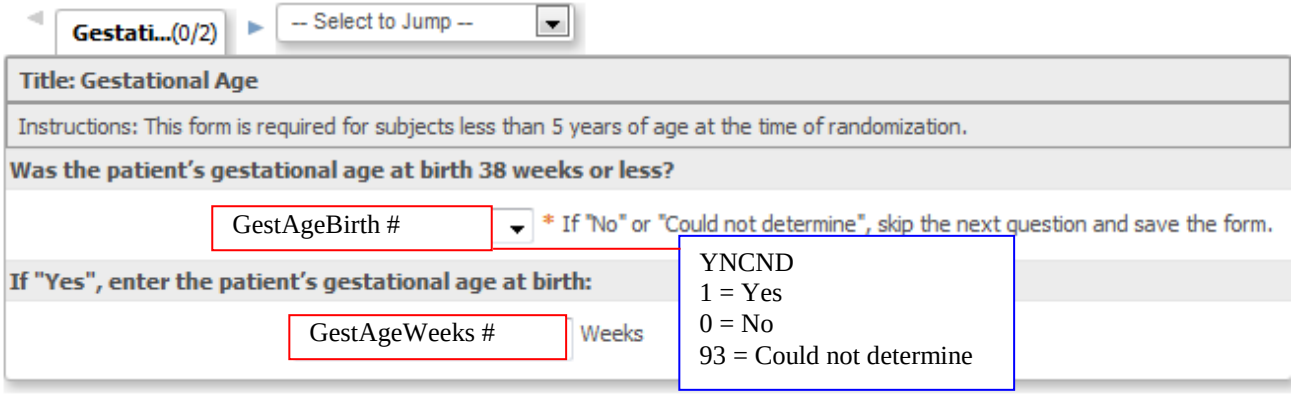
FamBurdITQOL (2 of 2)



GestationalAge (1 of 1)

SubjectID

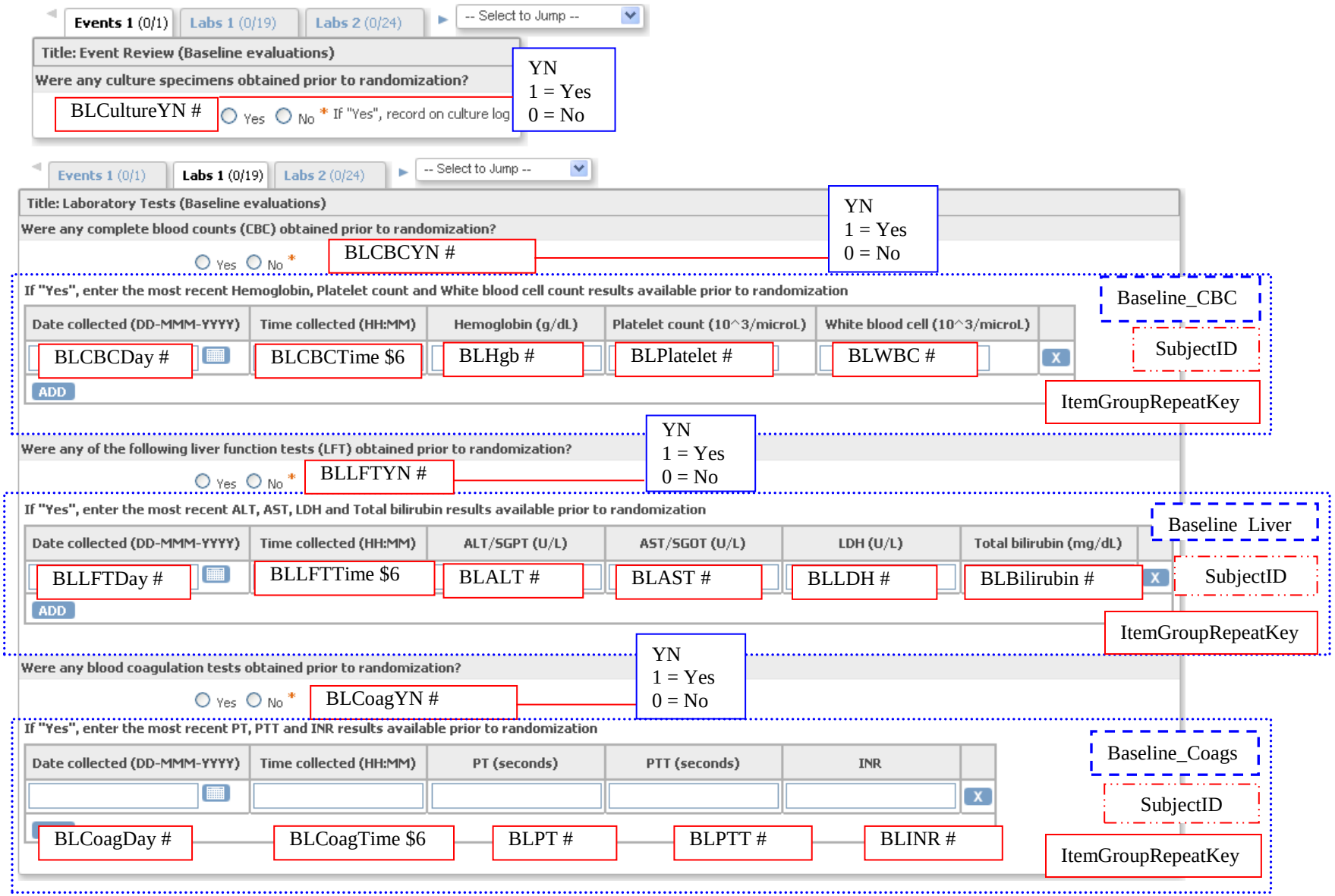
Gestational Age



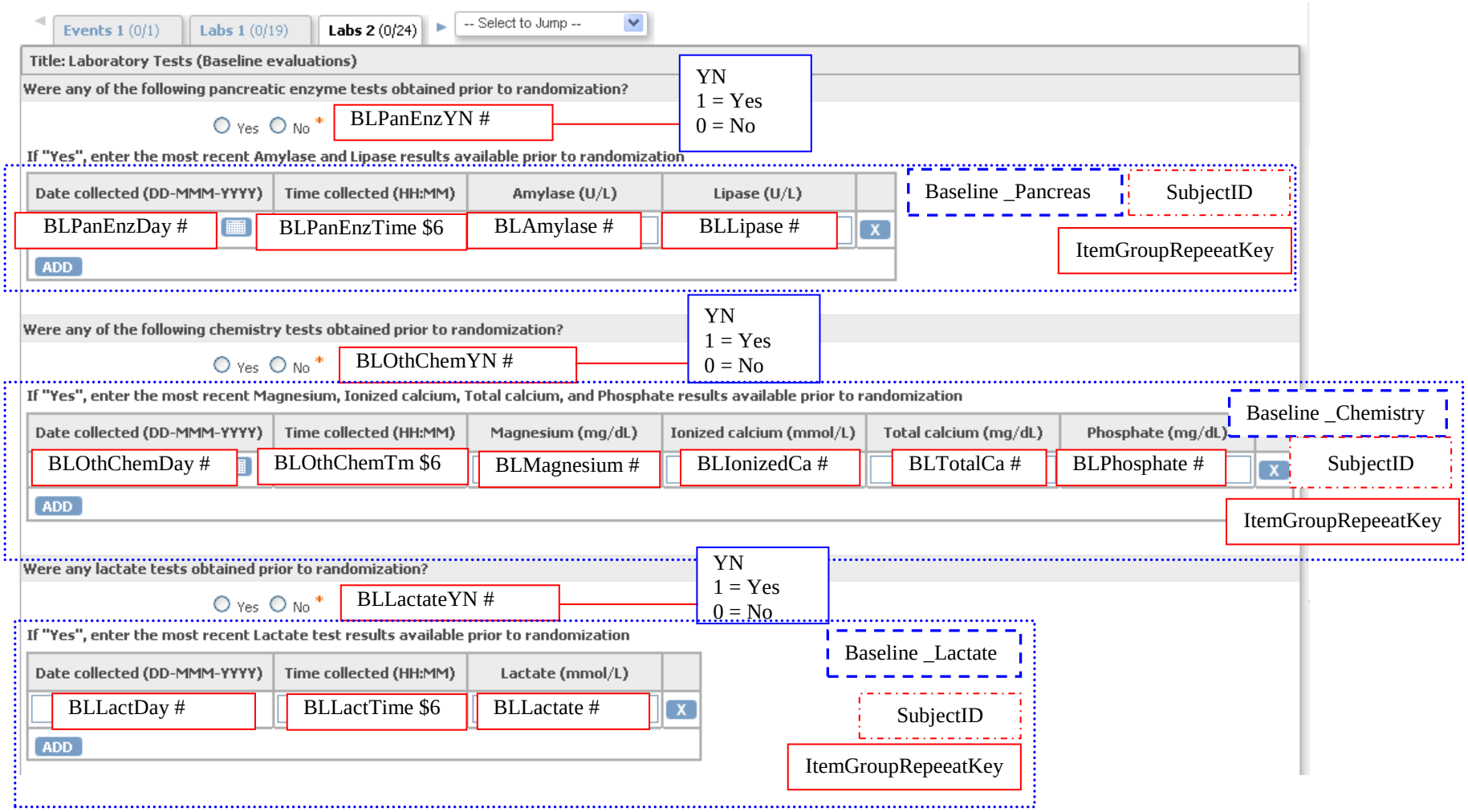
Baseline (1 of 3)

SubjectID

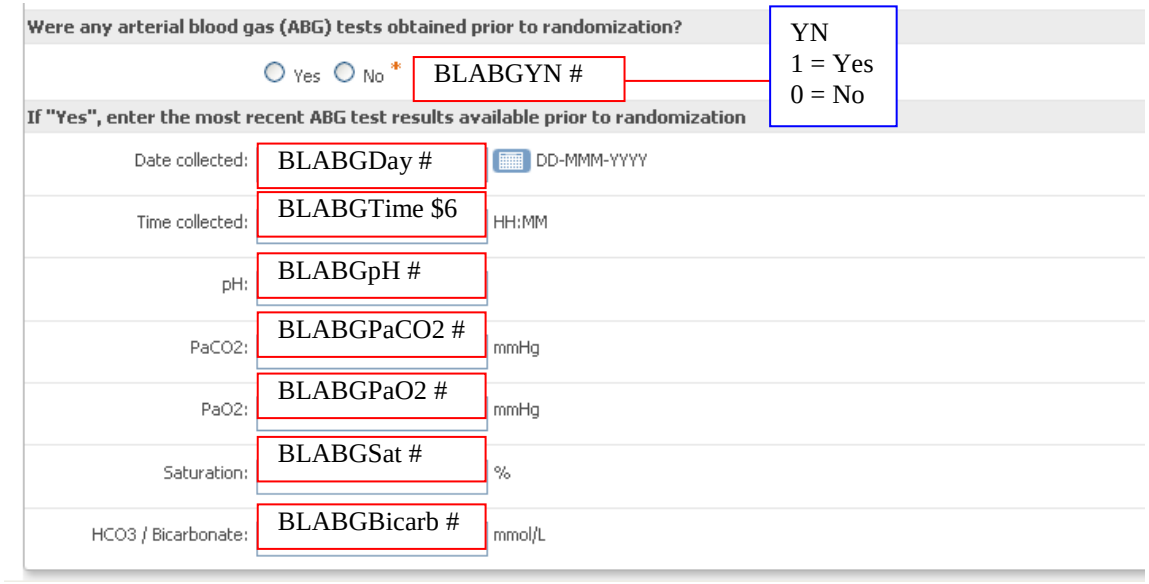
Baseline Assessments



Baseline (2 of 3)



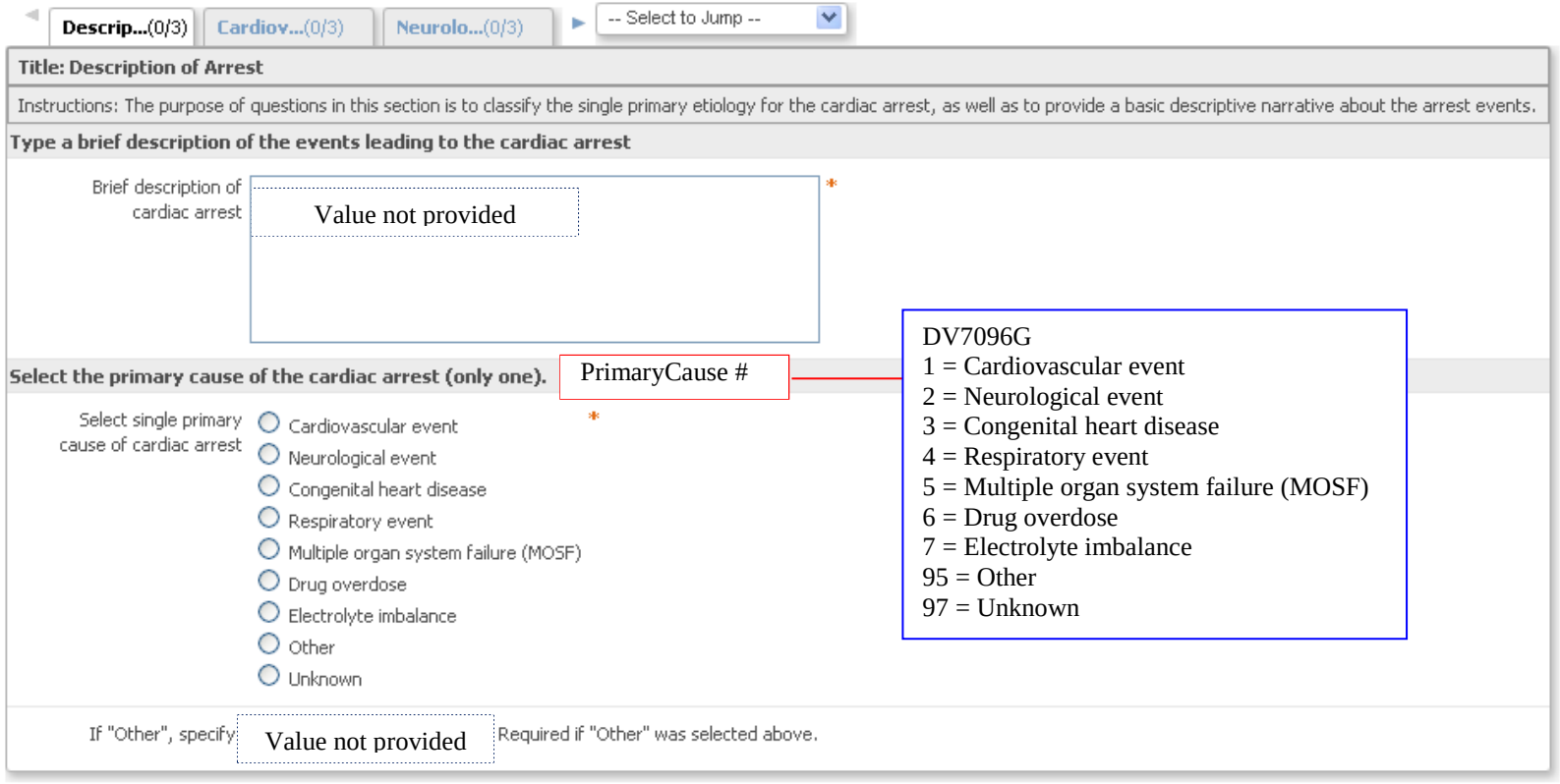
Baseline (3 of 3)



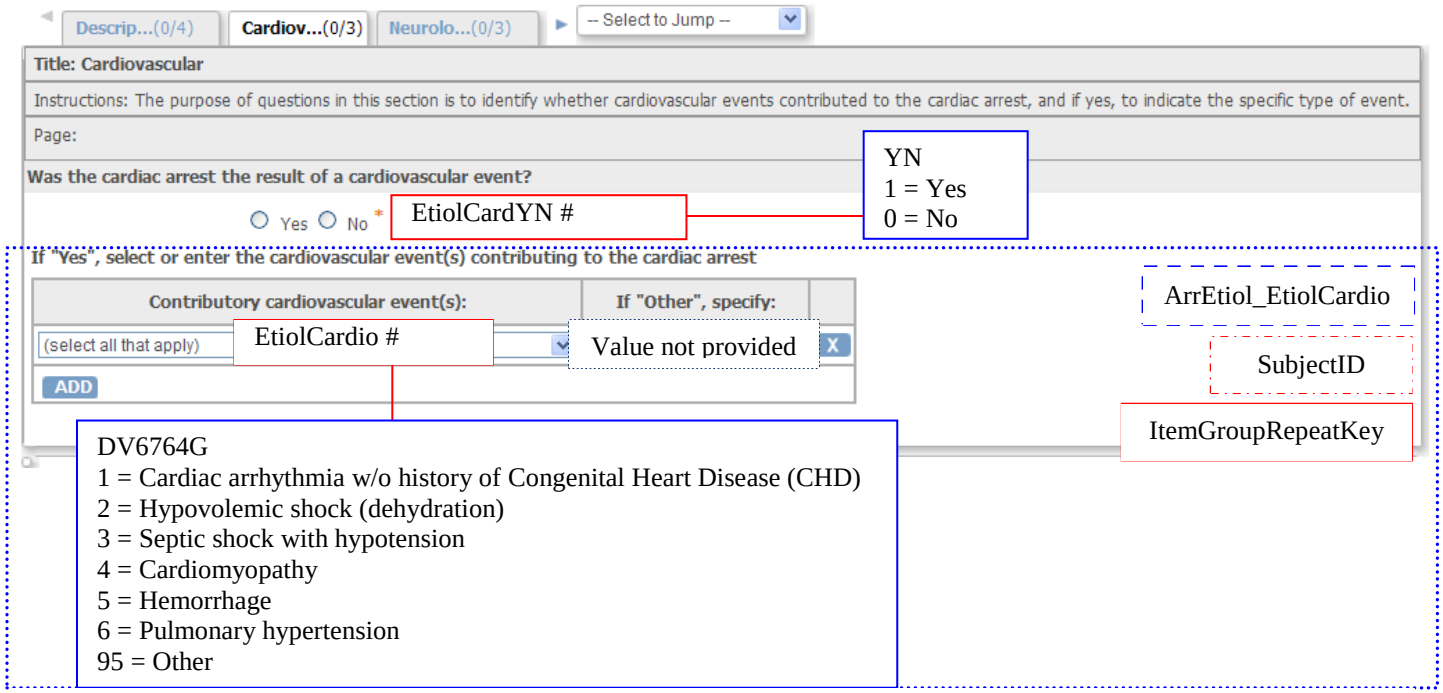
ArrEtiol (1 of 4)

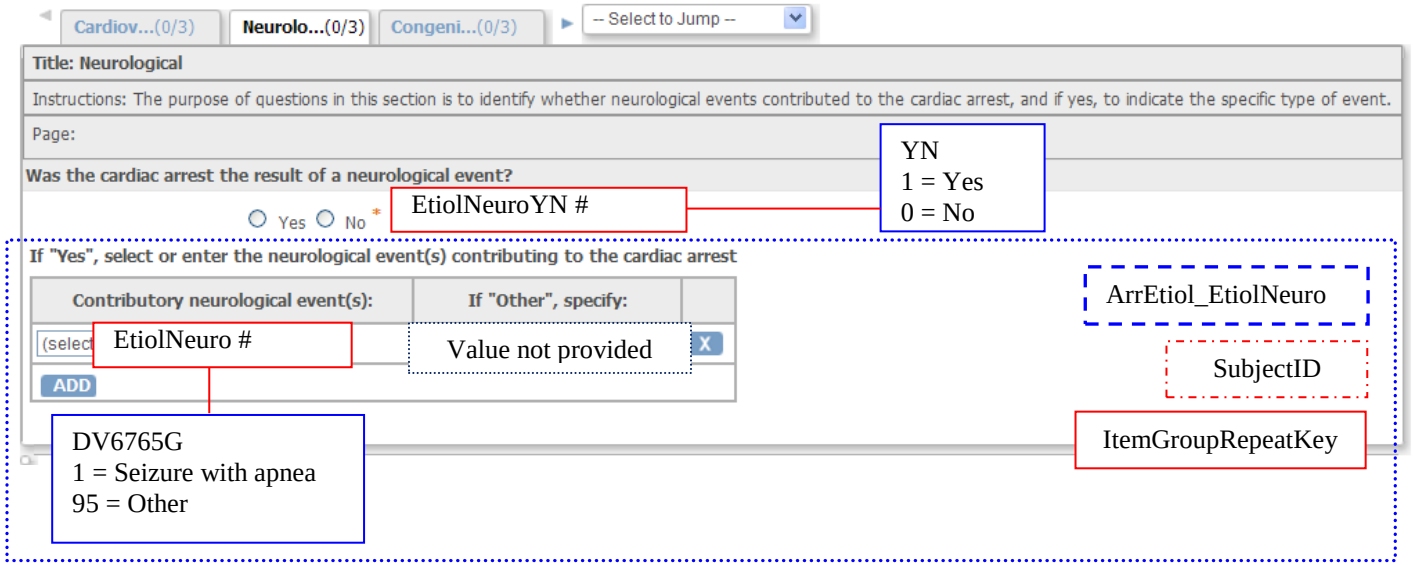
SubjectID

Etiology of Cardiac Arrest

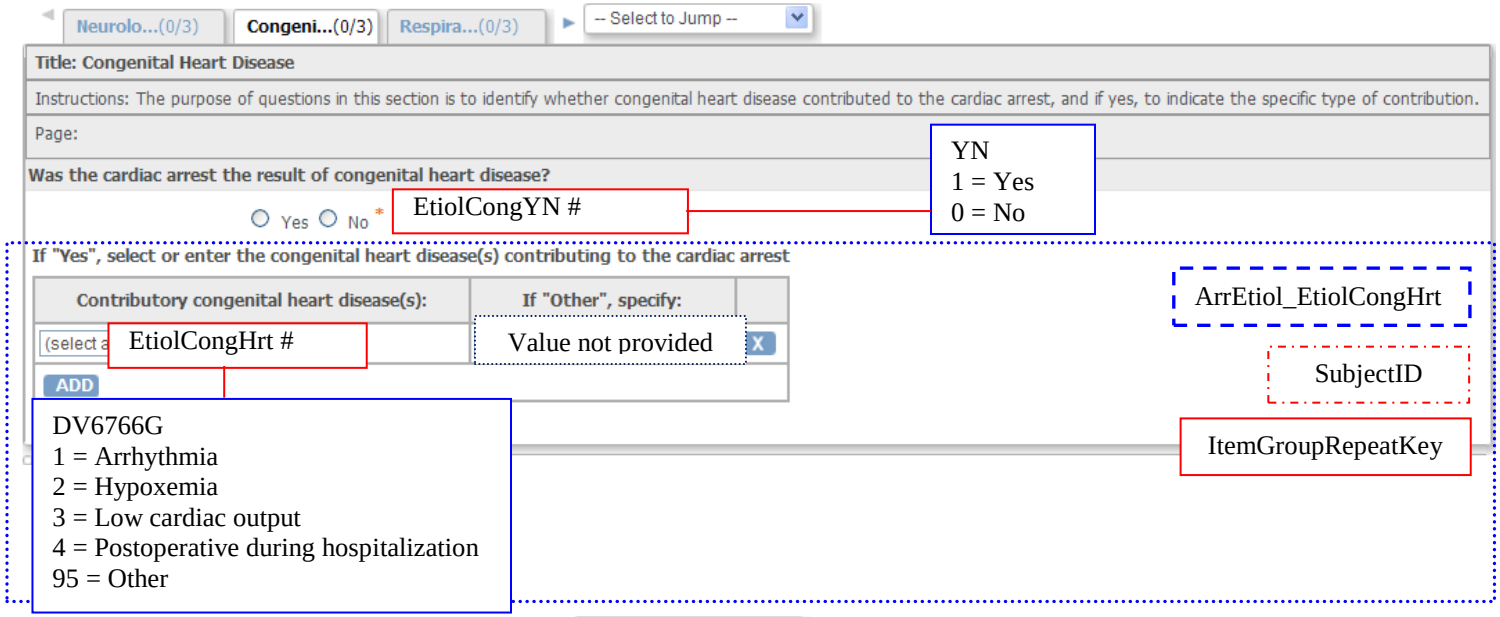


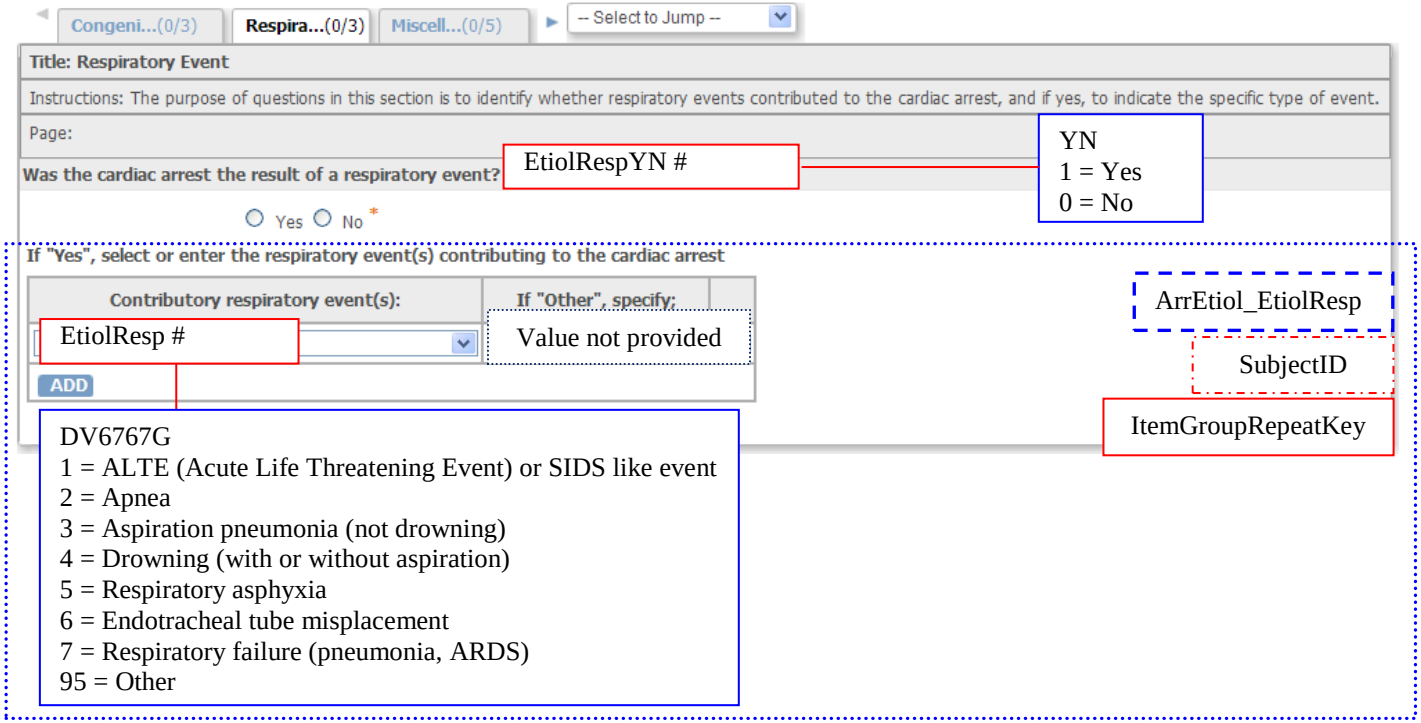
ArrEtiol (2 of 4)



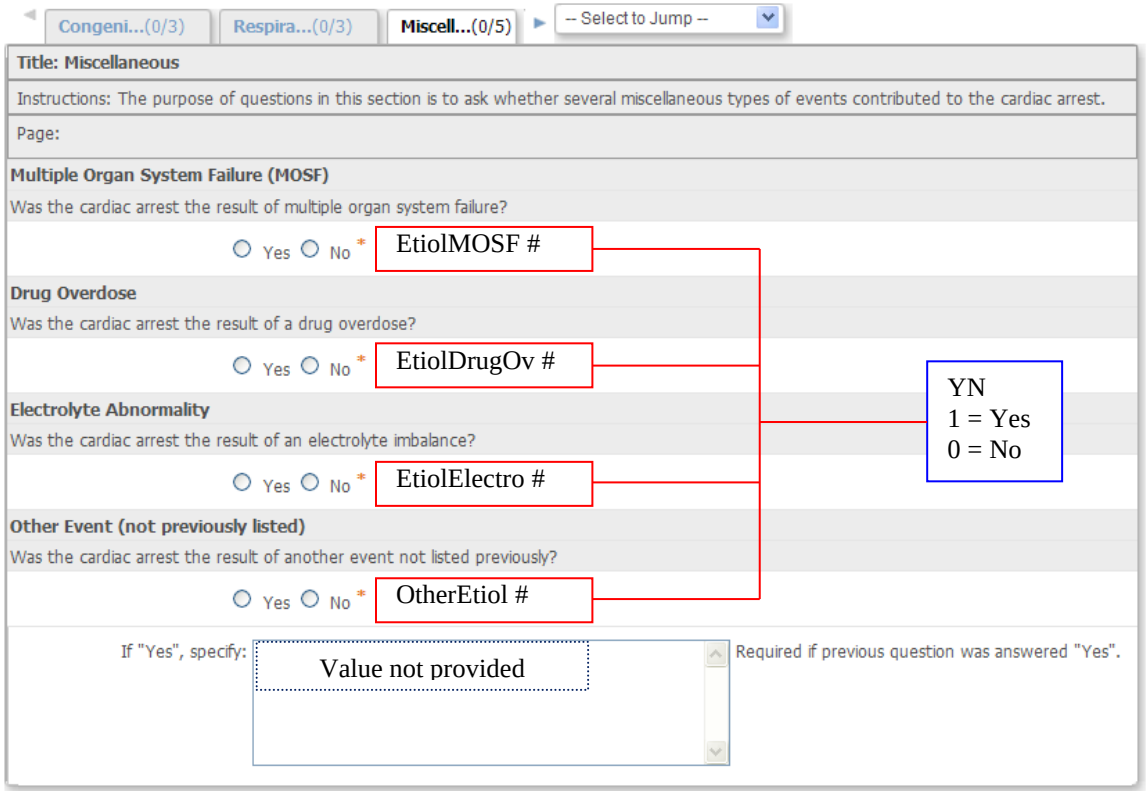


ArrEtiol (3 of 4)





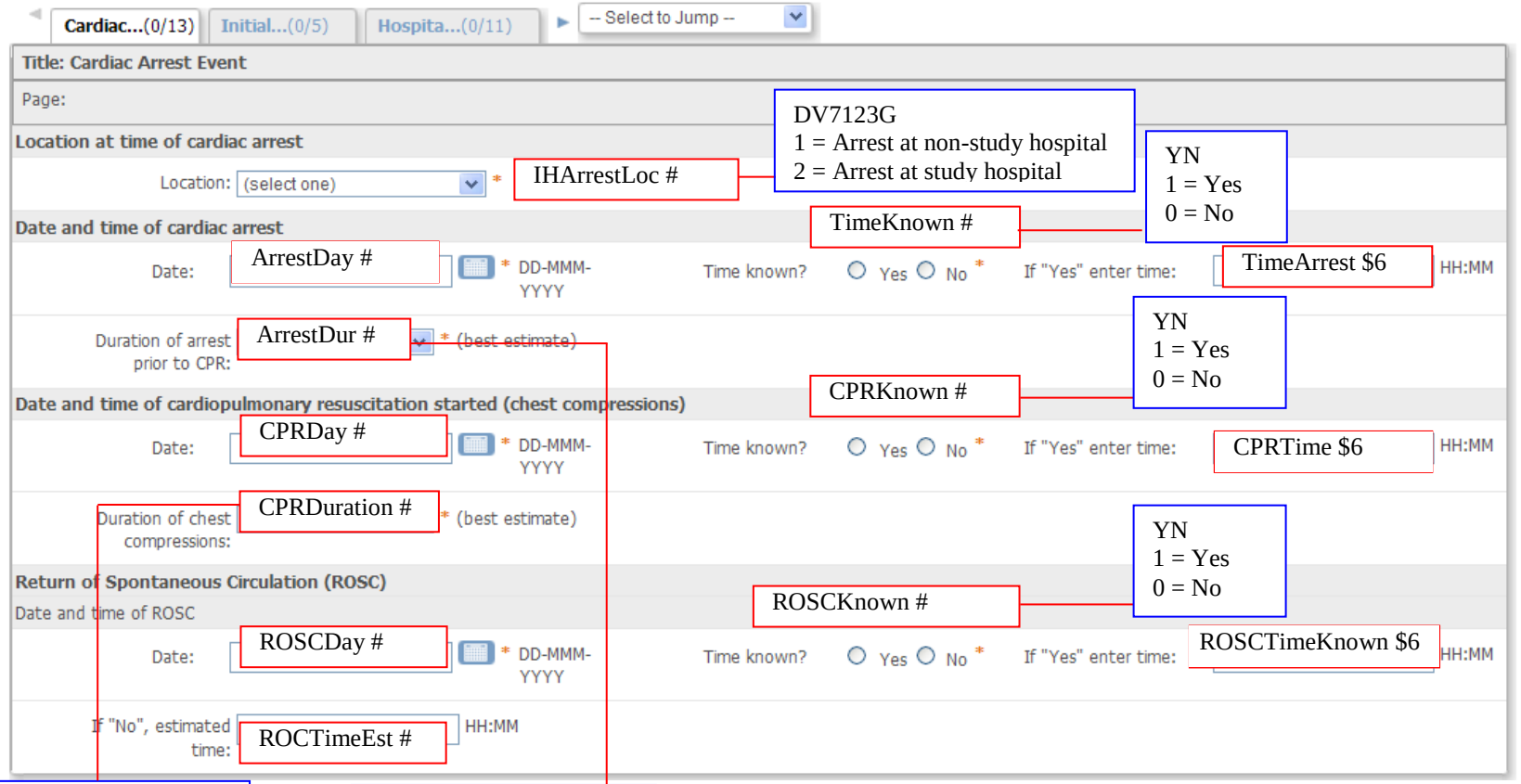
ArrEtiol (4 of 4)



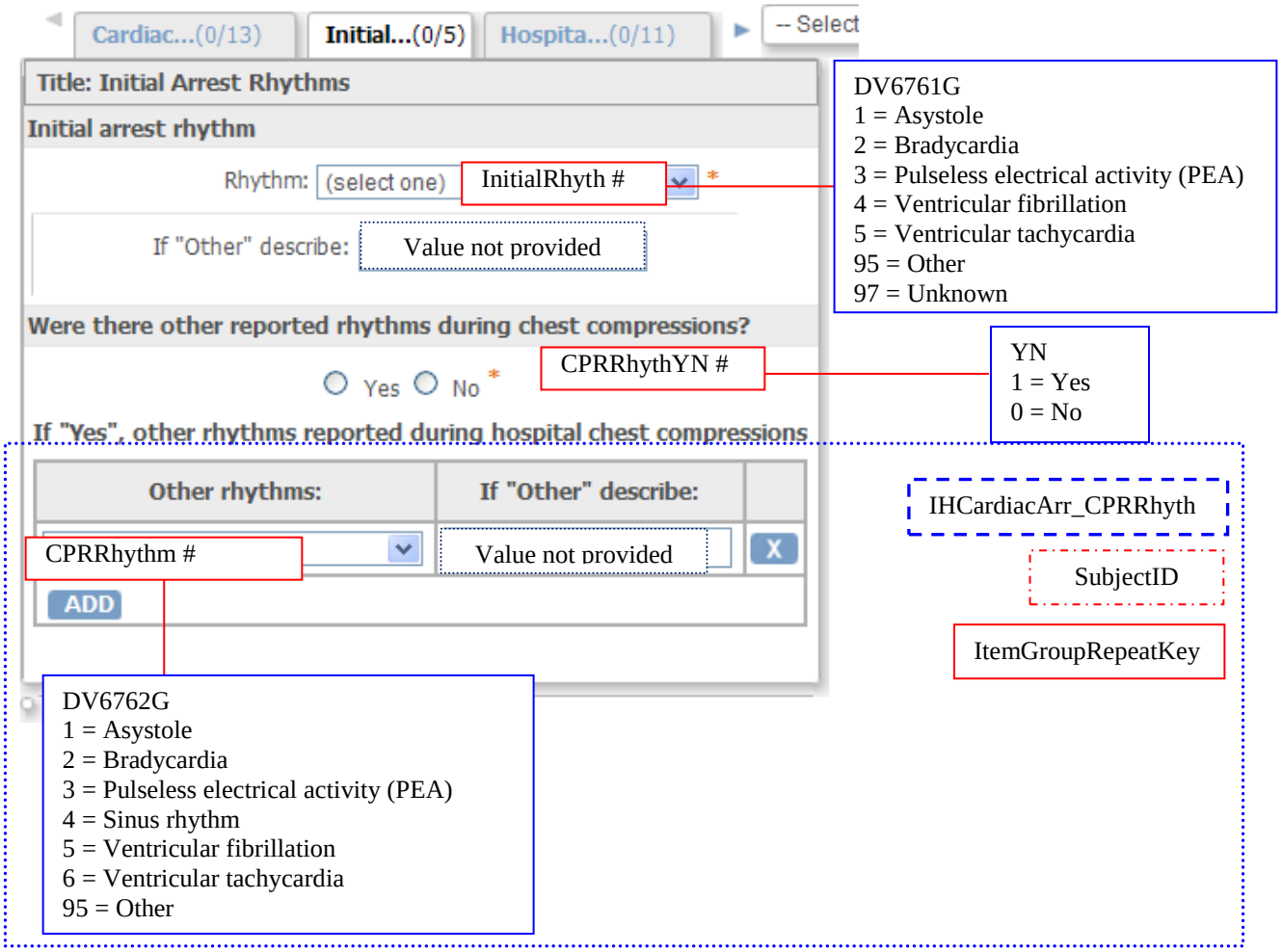
IHCardiacArr (1 of 5)

SubjectID

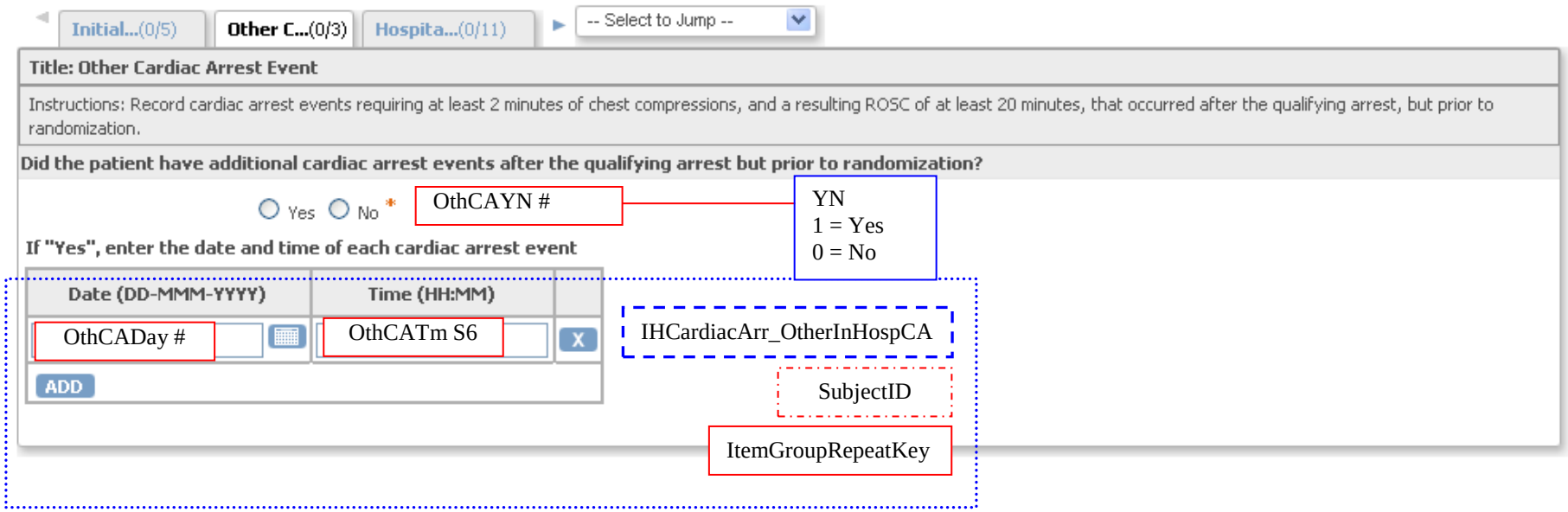
In Hospital Cardiac Arrest



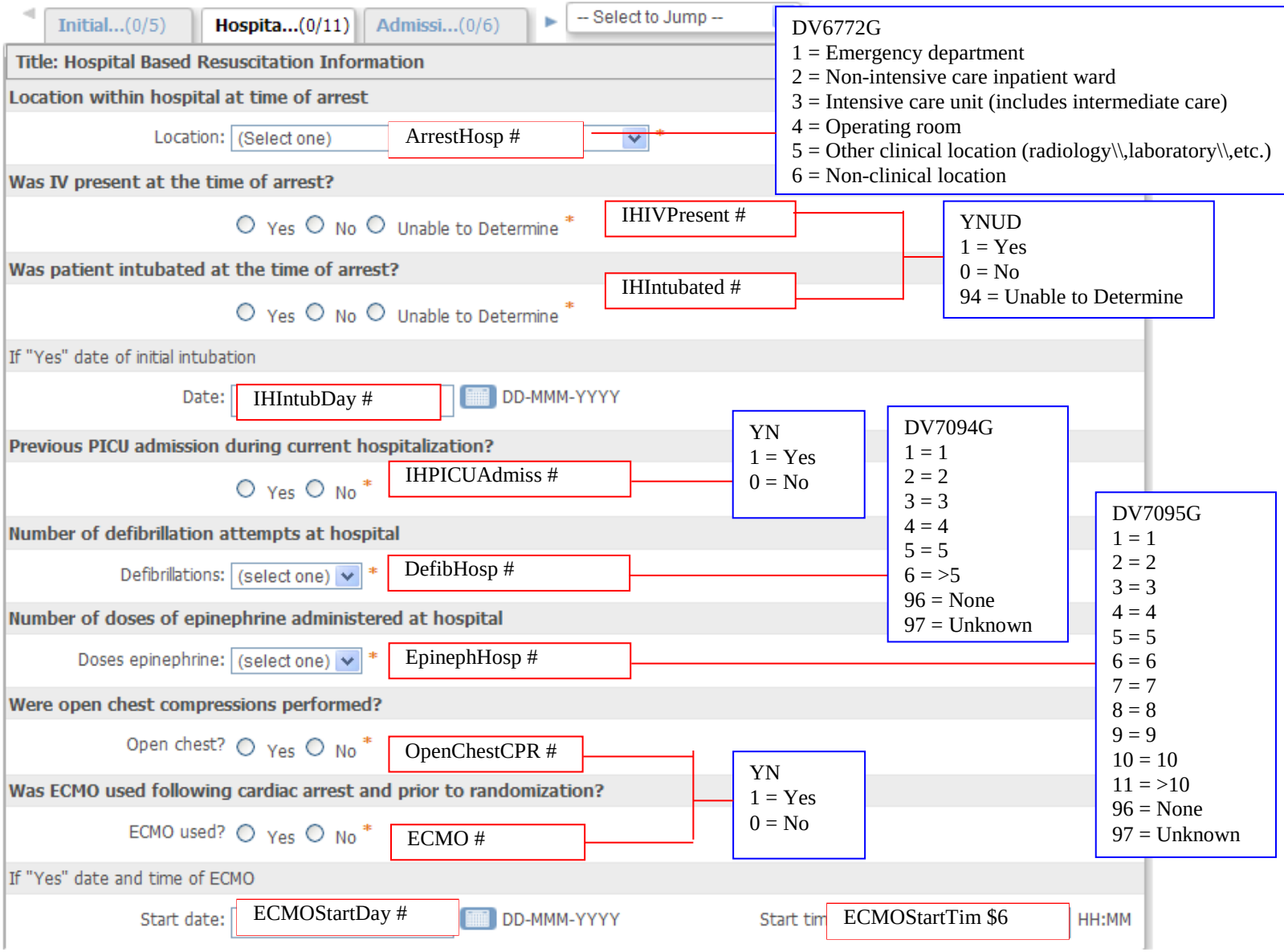
IHCardiacArr (2 of 5)



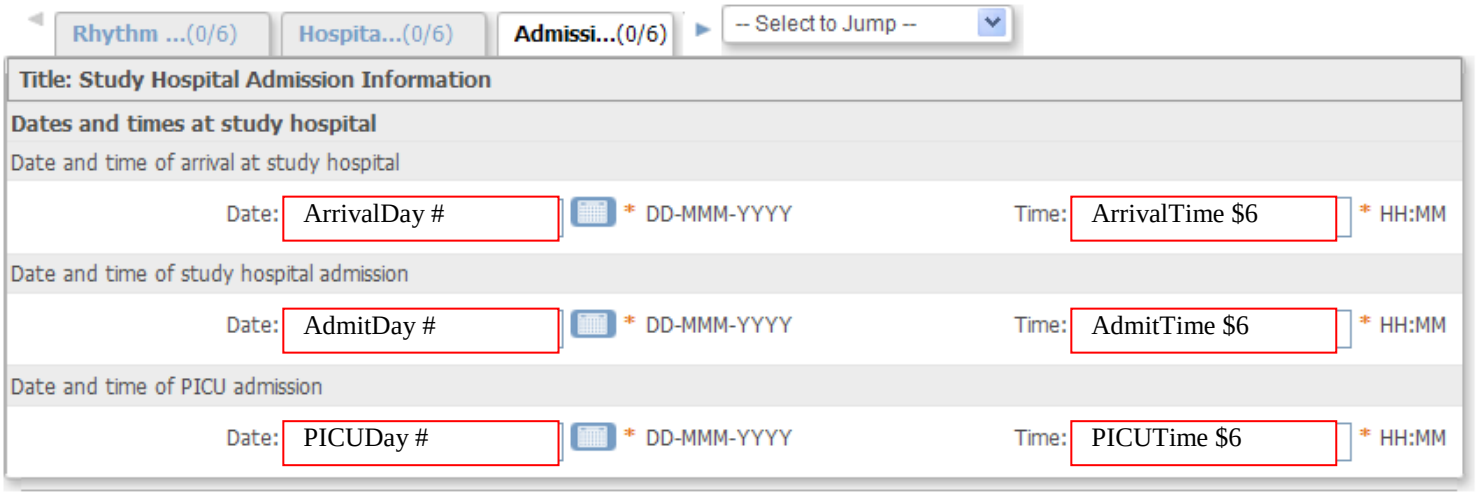
IHCardiacArr (3 of 5)



IHCardiacArr (4 of 5)



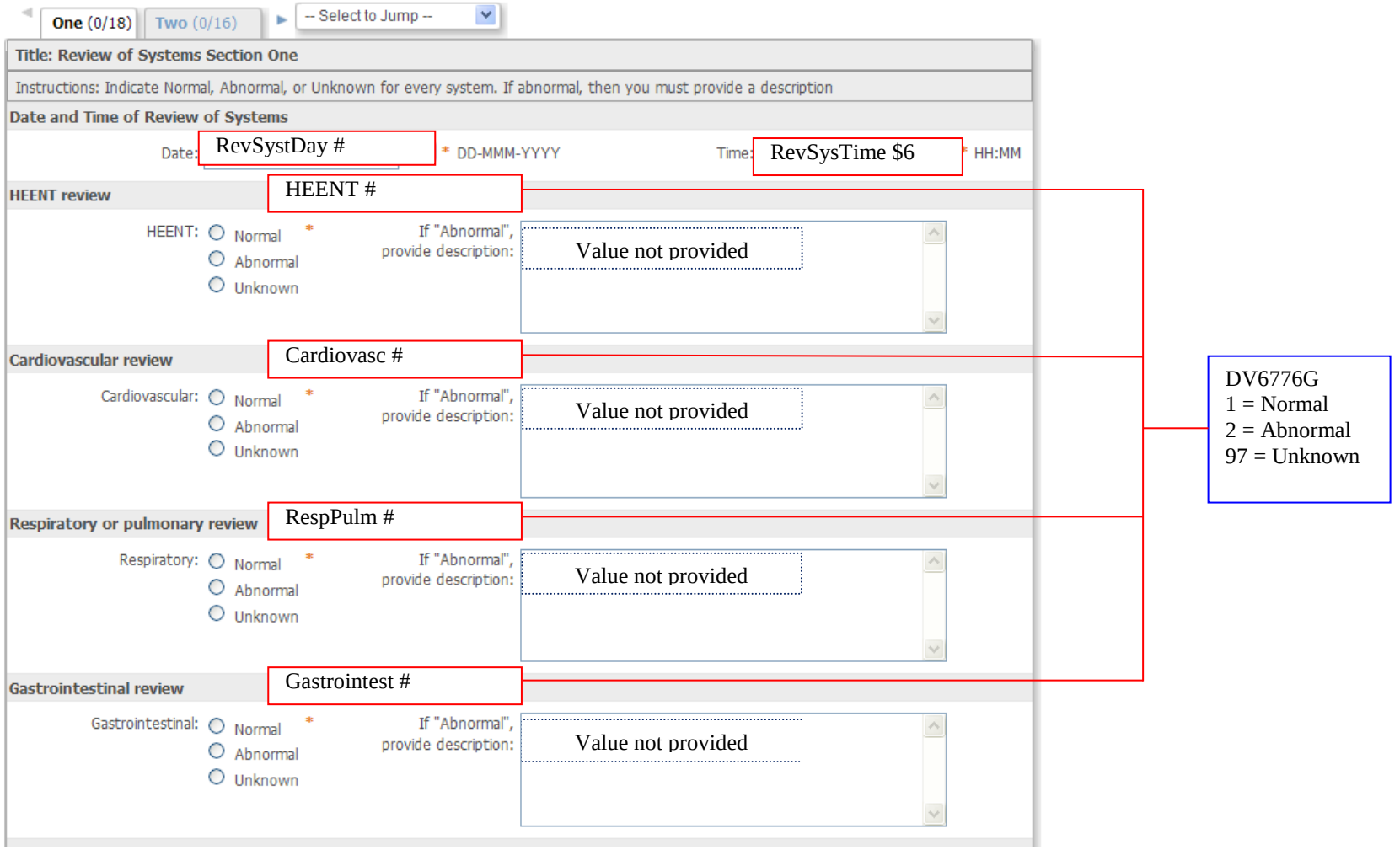
IHCardiacArr (5 of 5)



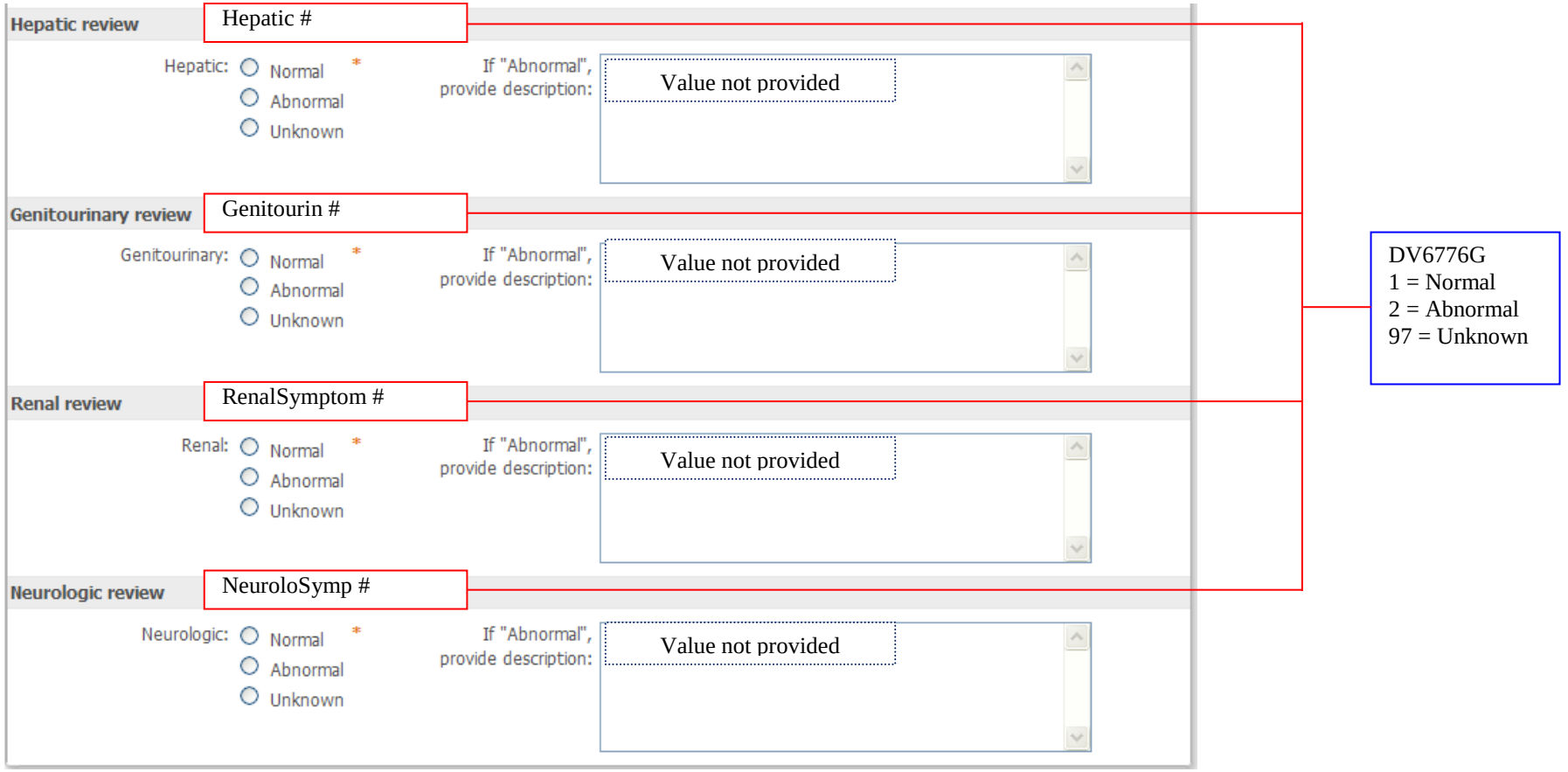
ReviewSystem (1 of 4)

SubjectID

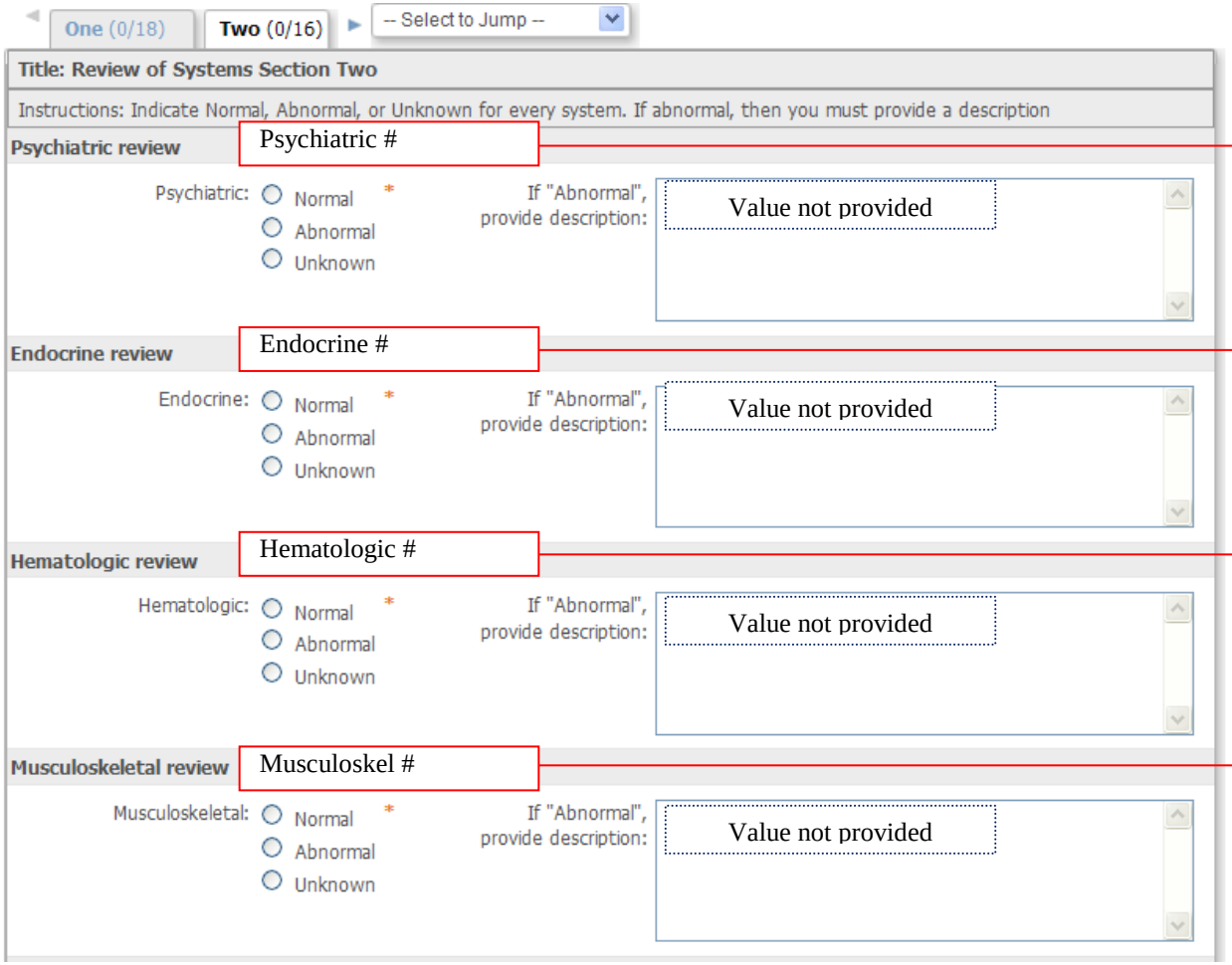
Review of Systems



ReviewSystem (2 of 4)

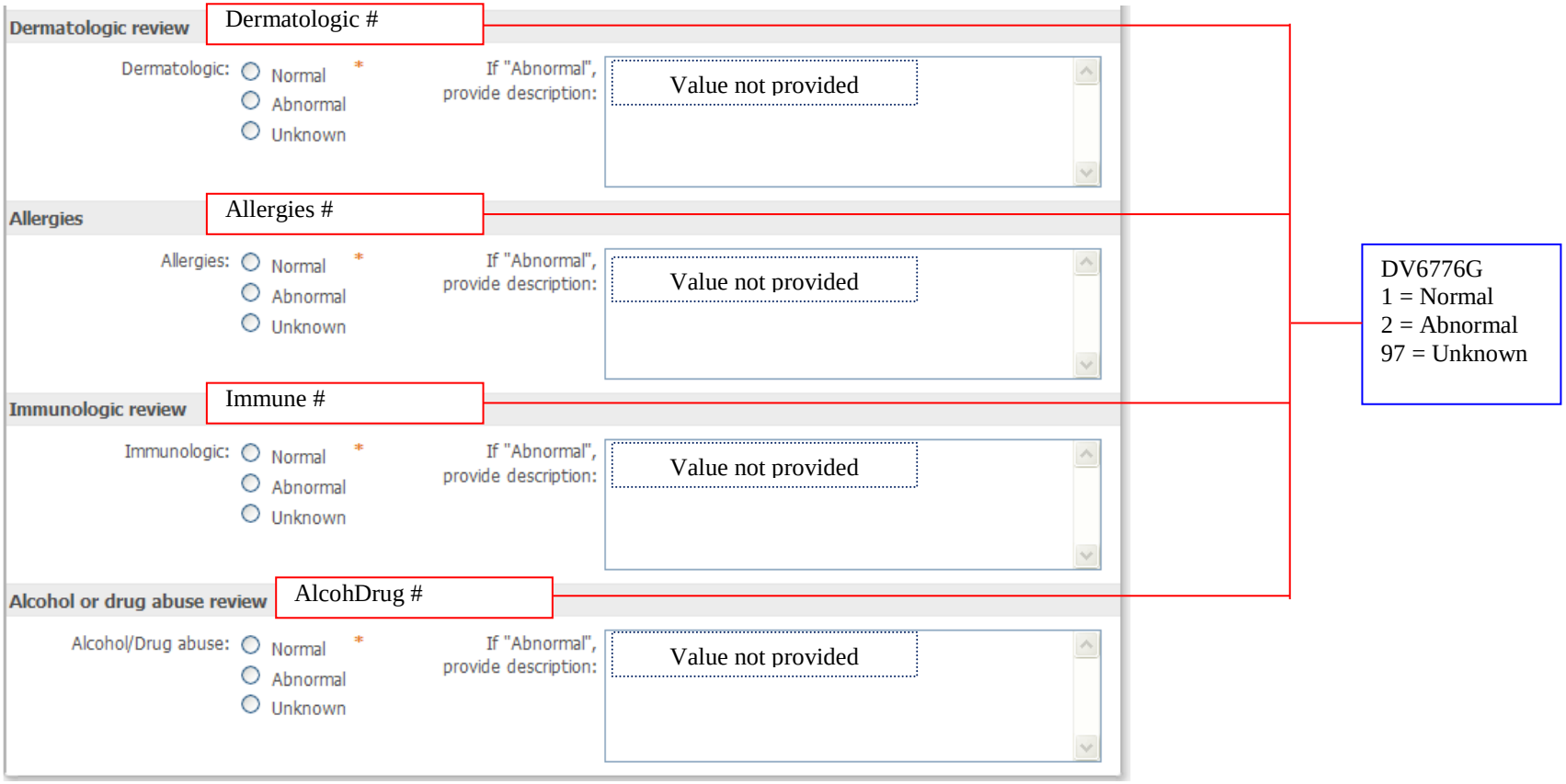


ReviewSystem (3 of 4)



DV6776G
1 = Normal
2 = Abnormal
97 = Unknown

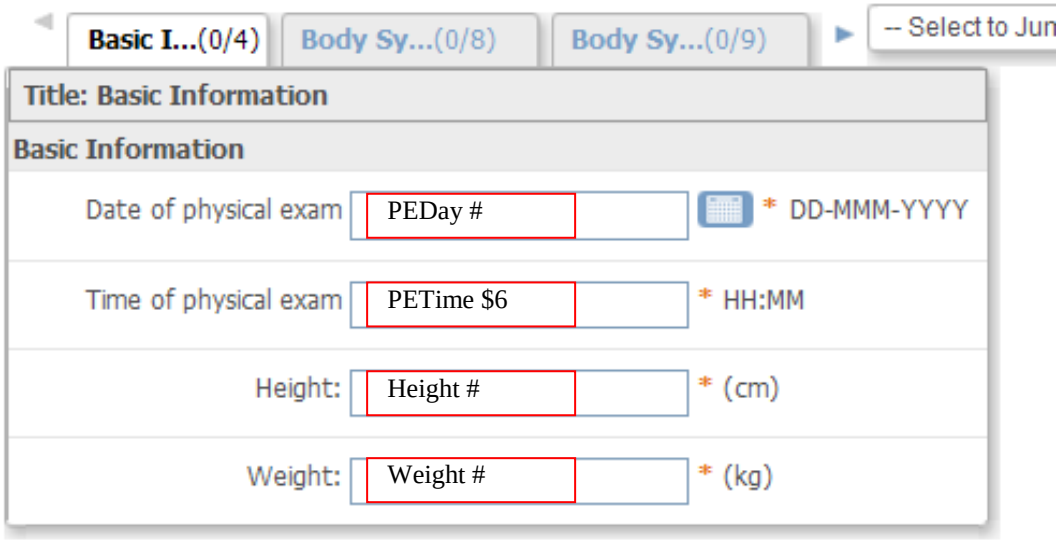
ReviewSystem (4 of 4)



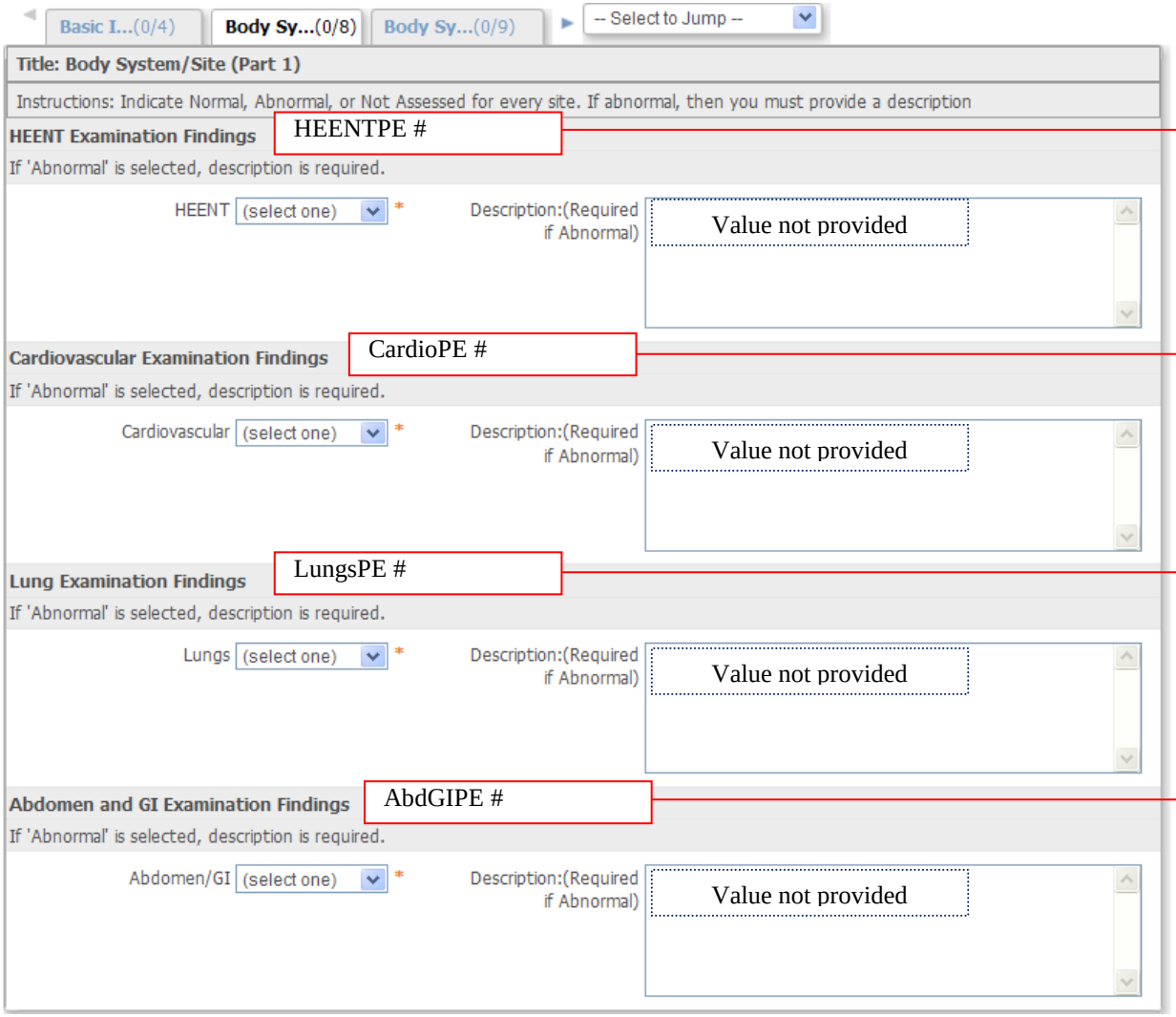
PhysExam (1 of 3)

SubjectID

Physical Examination

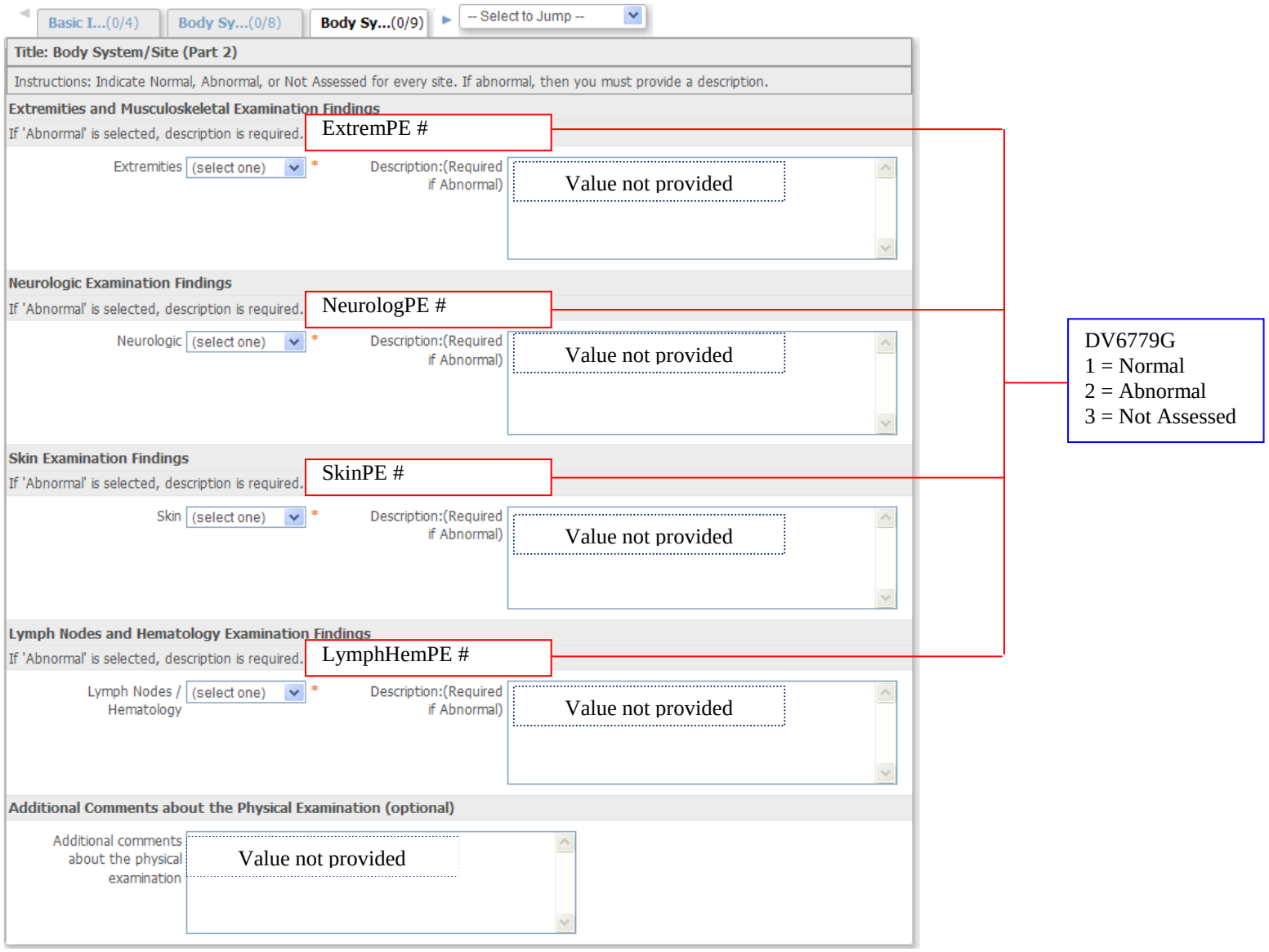


PhysExam (2 of 3)



DV6779G
1 = Normal
2 = Abnormal
3 = Not Assessed

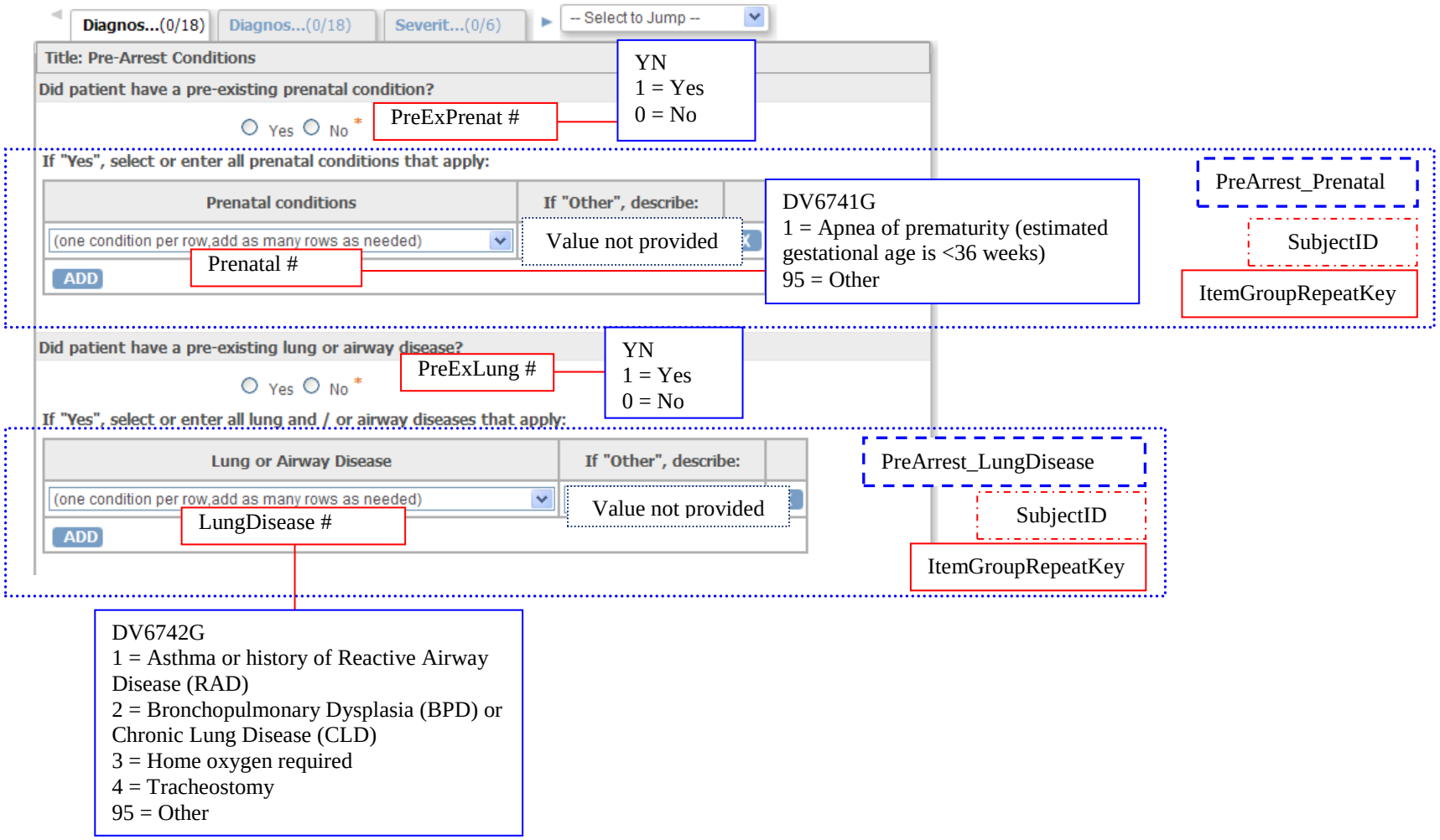
PhysExam (3 of 3)

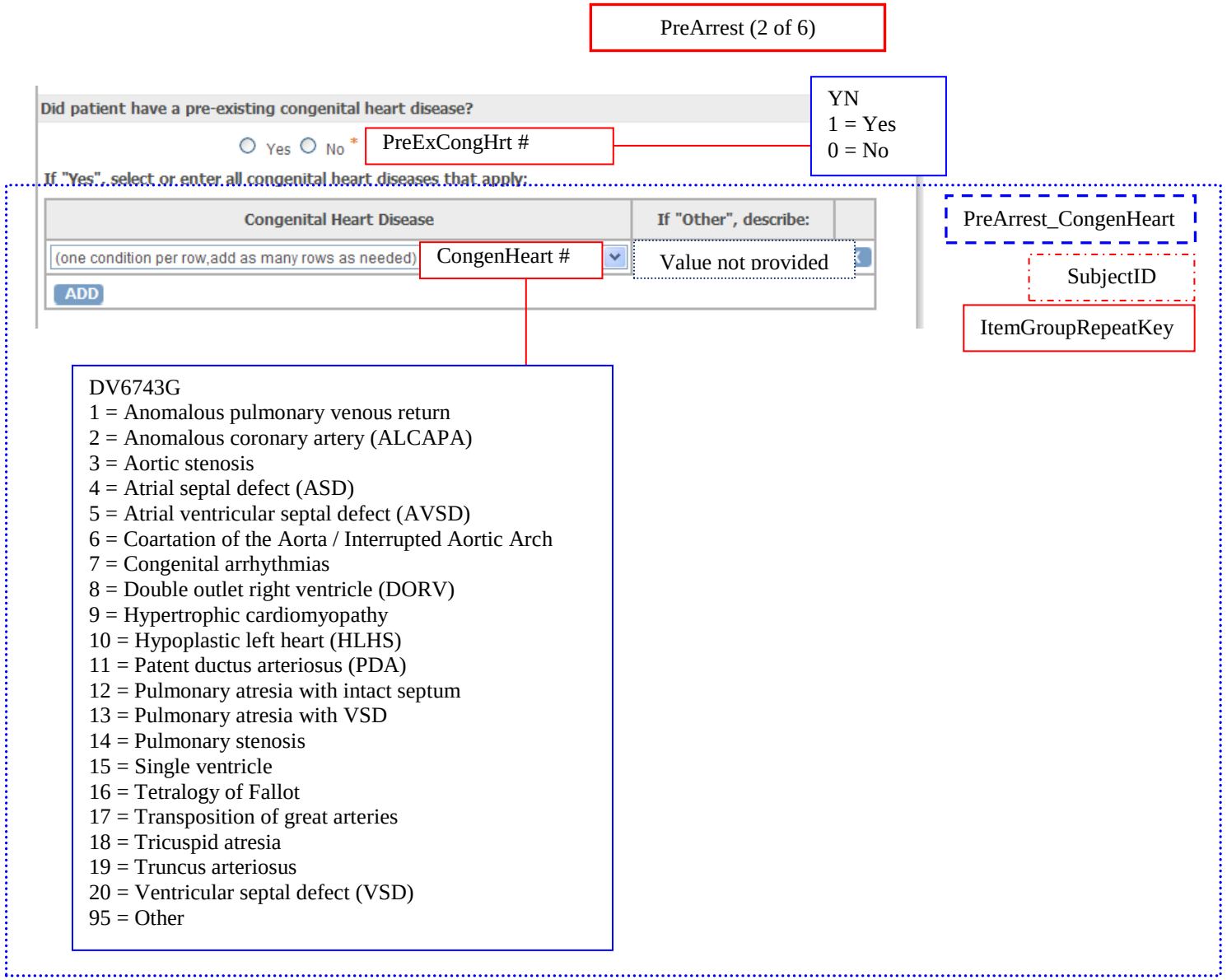


PreArrest (1 of 6)

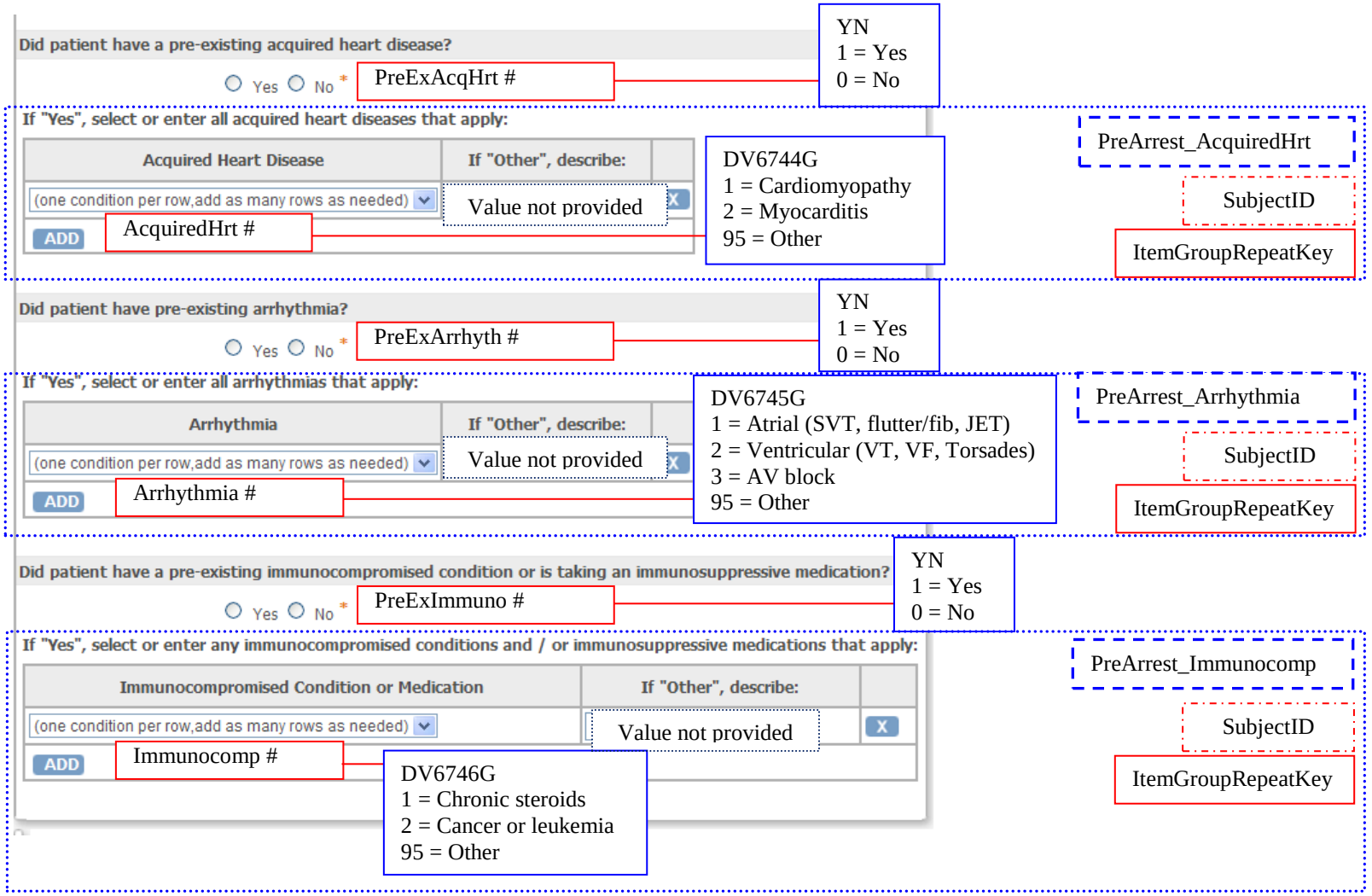
SubjectID

Pre-Arrest Status

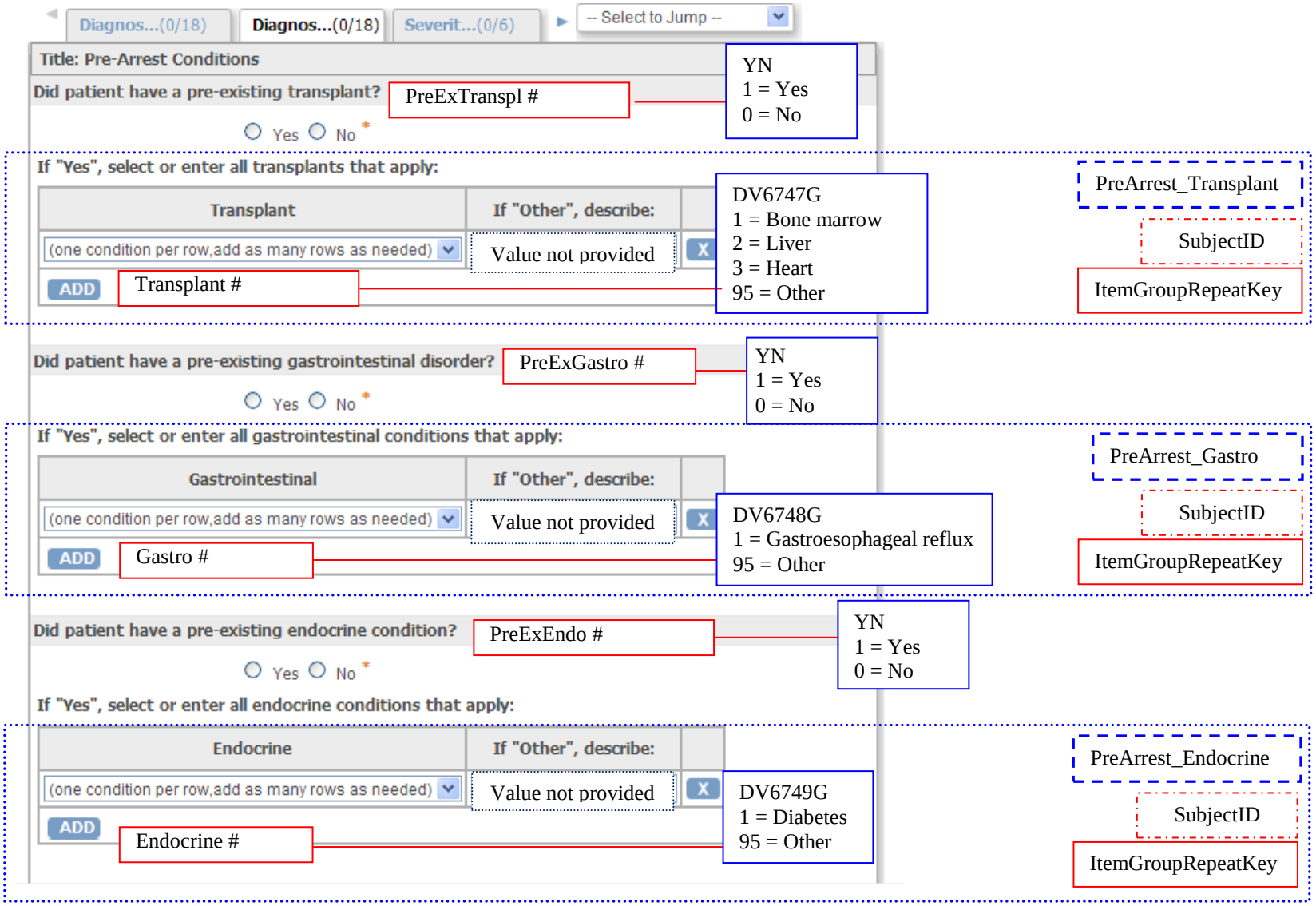



PreArrest (2 of 6)
Did patient have a pre-existing congenital heart disease?
Yes
No *
PreExCongHrt #
YN
1 = Yes
0 = No
If "Yes", select or enter all congenital heart diseases that apply:
Congenital Heart Disease
If "Other", describe:
(one condition per row,add as many rows as needed)
CongenHeart #
Value not provided
ADD
PreArrest_CongenHeart
SubjectID
ItemGroupRepeatKey
DV6743G
1 = Anomalous pulmonary venous return
2 = Anomalous coronary artery (ALCAPA)
3 = Aortic stenosis
4 = Atrial septal defect (ASD)
5 = Atrial ventricular septal defect (AVSD)
6 = Coartation of the Aorta / Interrupted Aortic Arch
7 = Congenital arrhythmias
8 = Double outlet right ventricle (DORV)
9 = Hypertrophic cardiomyopathy
10 = Hypoplastic left heart (HLHS)
11 = Patent ductus arteriosus (PDA)
12 = Pulmonary atresia with intact septum
13 = Pulmonary atresia with VSD
14 = Pulmonary stenosis
15 = Single ventricle
16 = Tetralogy of Fallot
17 = Transposition of great arteries
18 = Tricuspid atresia
19 = Truncus arteriosus
20 = Ventricular septal defect (VSD)
95 = Other

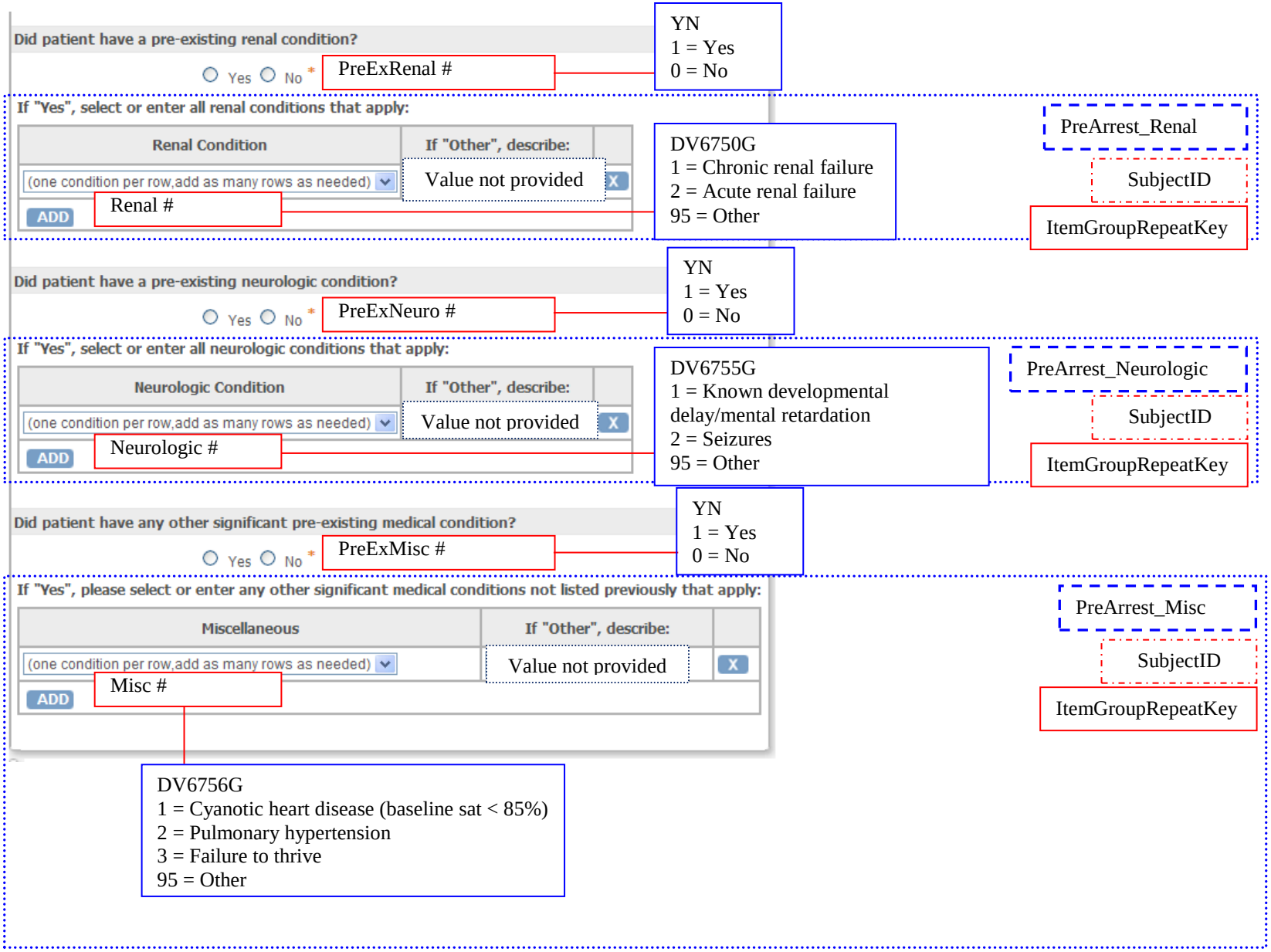
PreArrest (3 of 6)



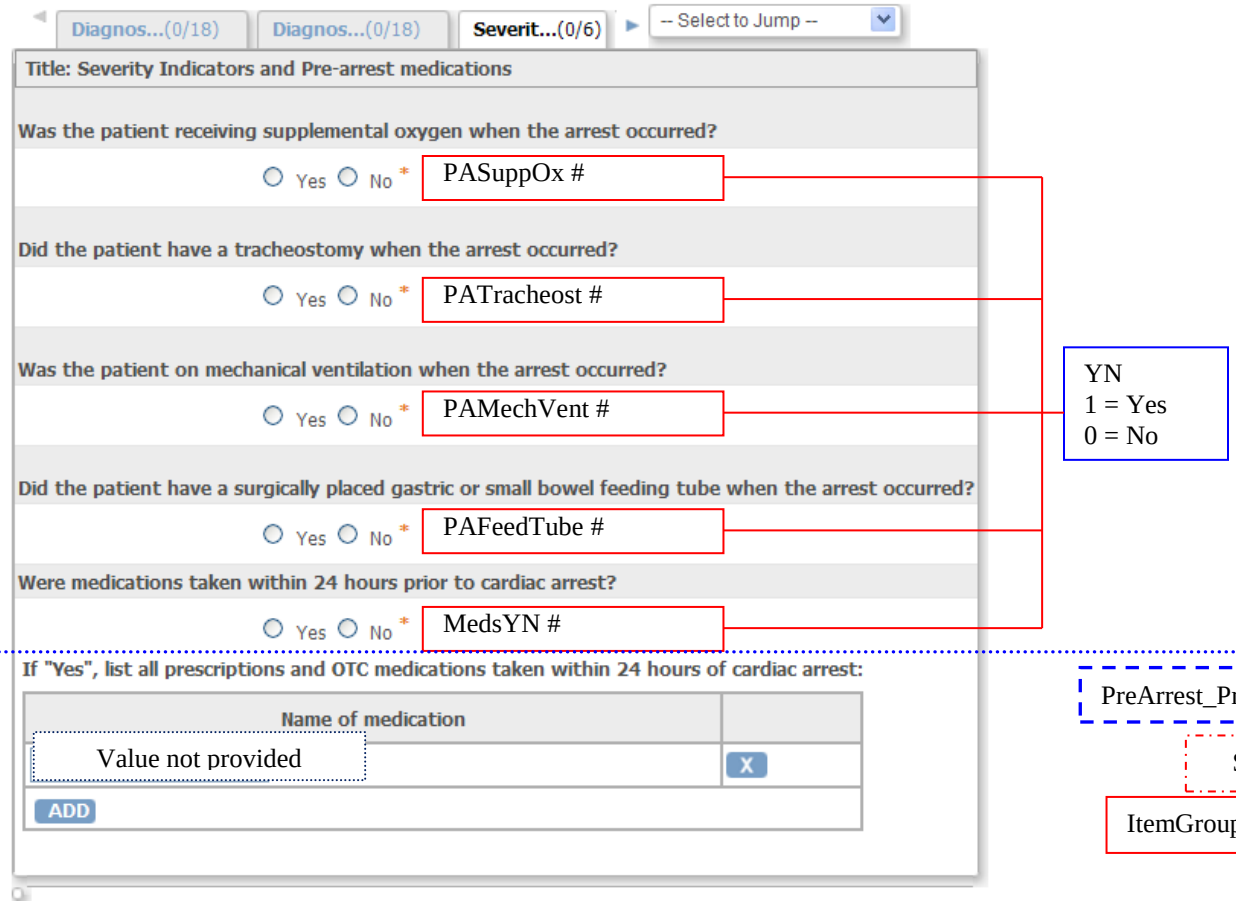
PreArrest (4 of 6)



PreArrest (5 of 6)



PreArrest (6 of 6)



YN
1 = Yes
0 = No

PreArrest_PreArrMeds

SubjectID

ItemGroupRepeatKey

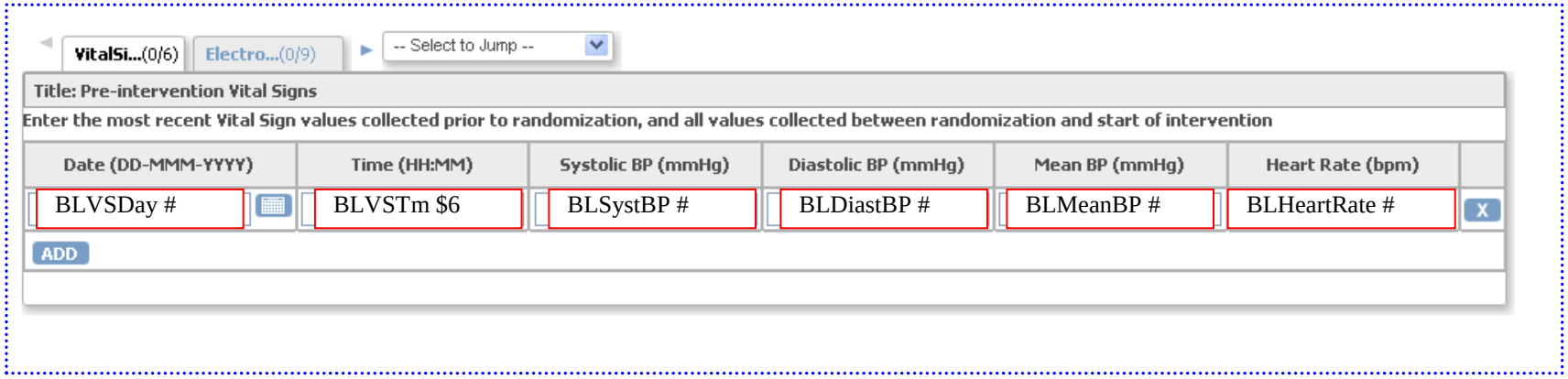
Derived variables included in the PreArrest_PreArrMeds dataset:

Variable	Format	Type	Label	Algorithm / Notes
codedmedname		$	Coded Medication Name	Verbatim terms were coded using MedDRA version 13
code		$	RxNorm Code	Verbatim terms were coded using RxNorm version 02/01/2010

Preinterven_VS

SubjectID | ItemGroupRepeatKey

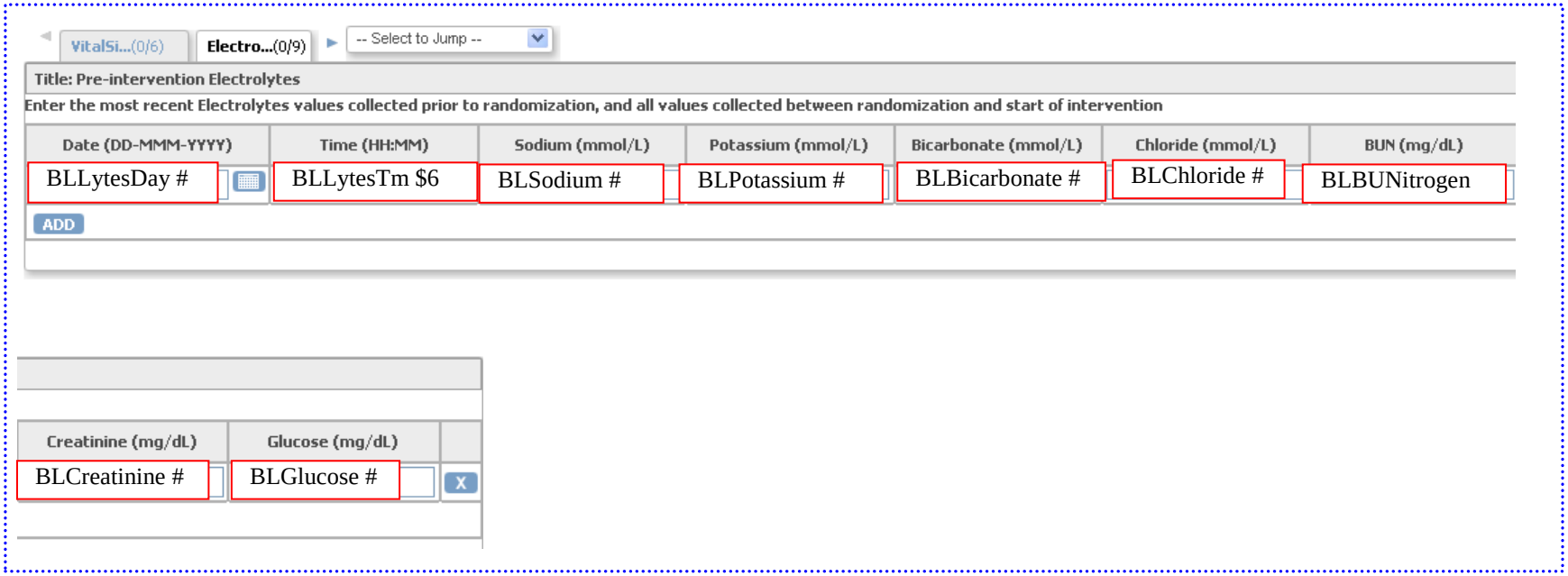
Pre-intervention Vital Signs



Preinterven_Elytes

SubjectID | ItemGroupRepeatKey

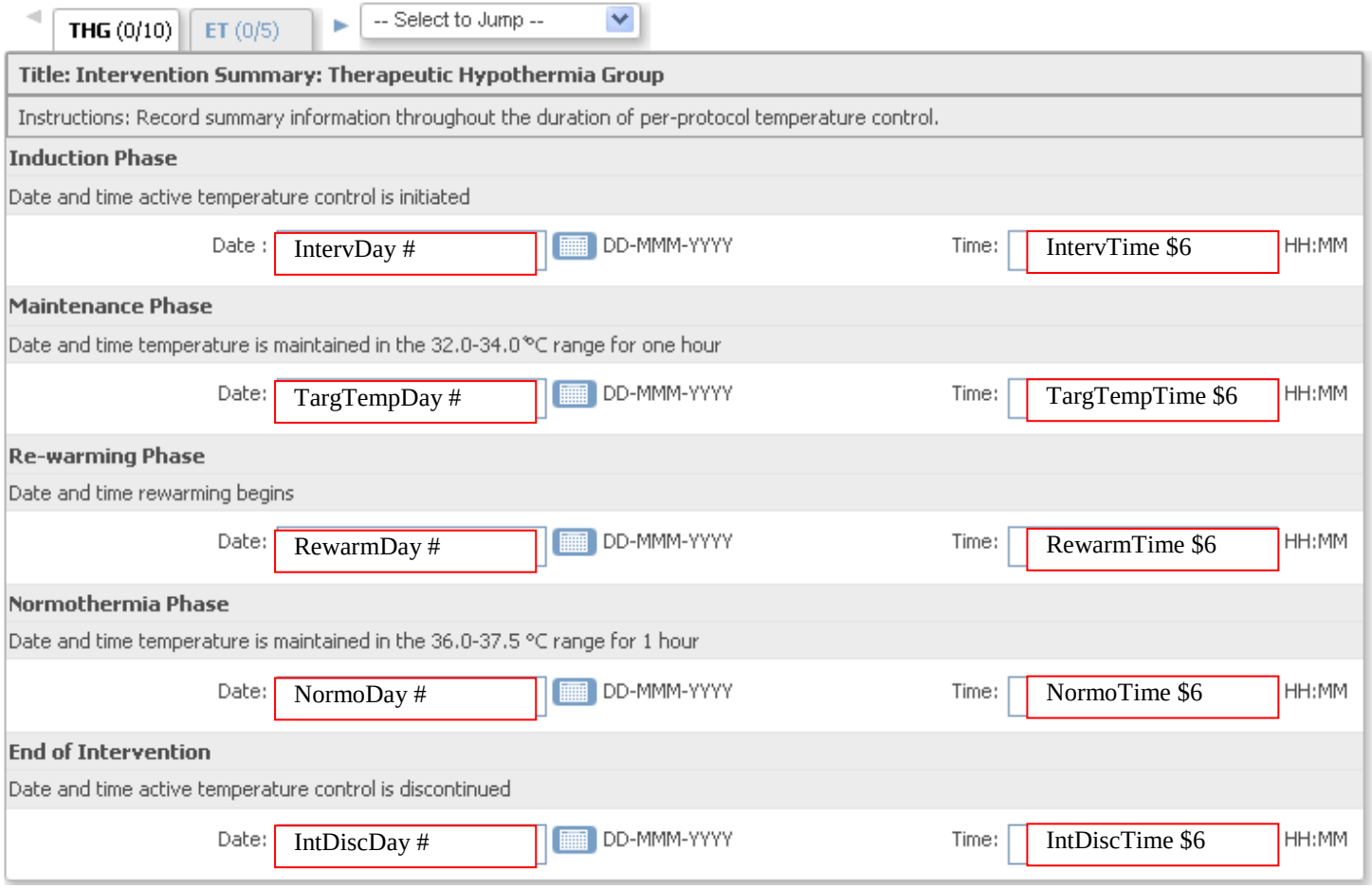
Pre-intervention Electrolytes

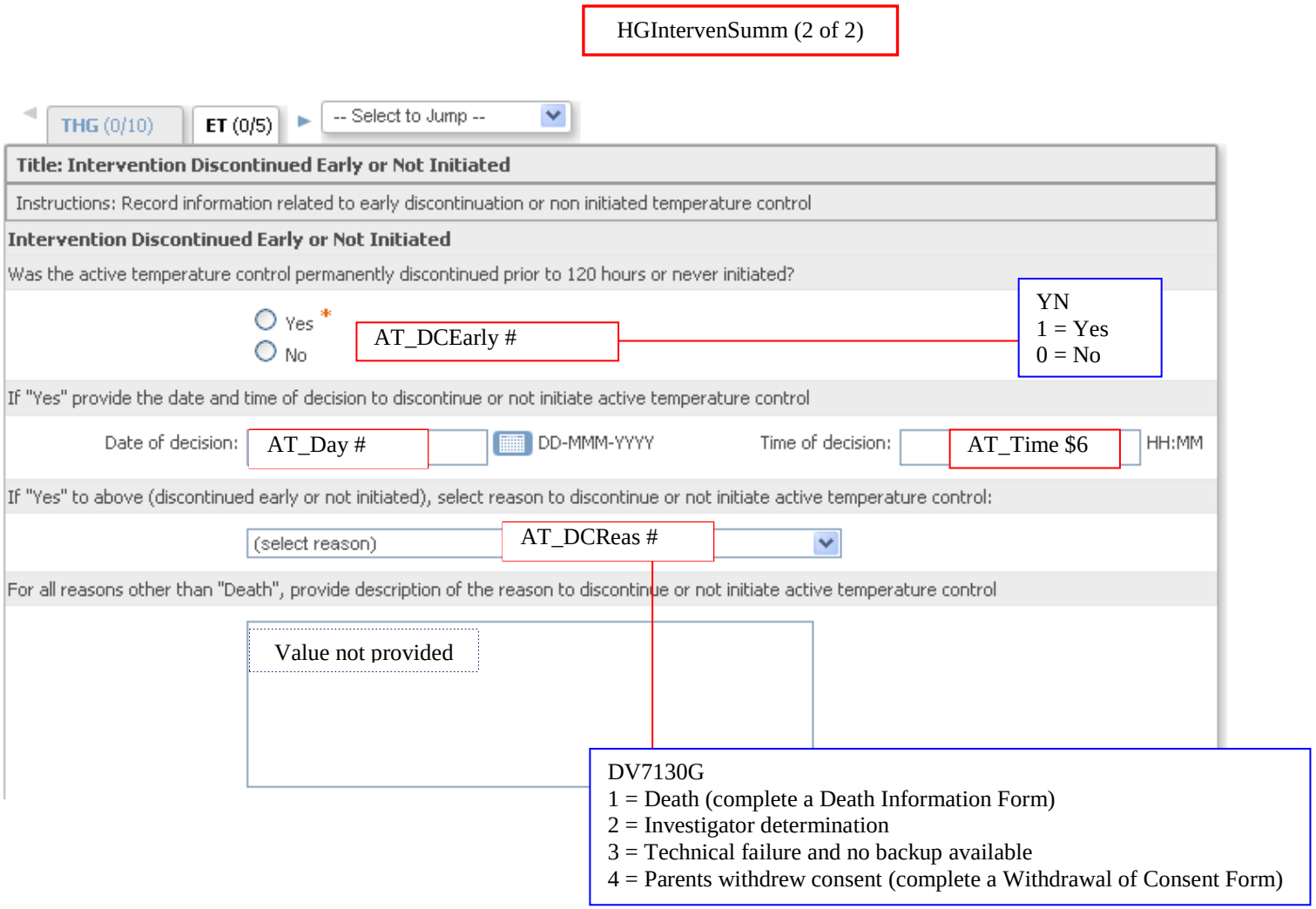


HGIntervenSumm (1 of 2)

SubjectID

Hypothermia Intervention Summary





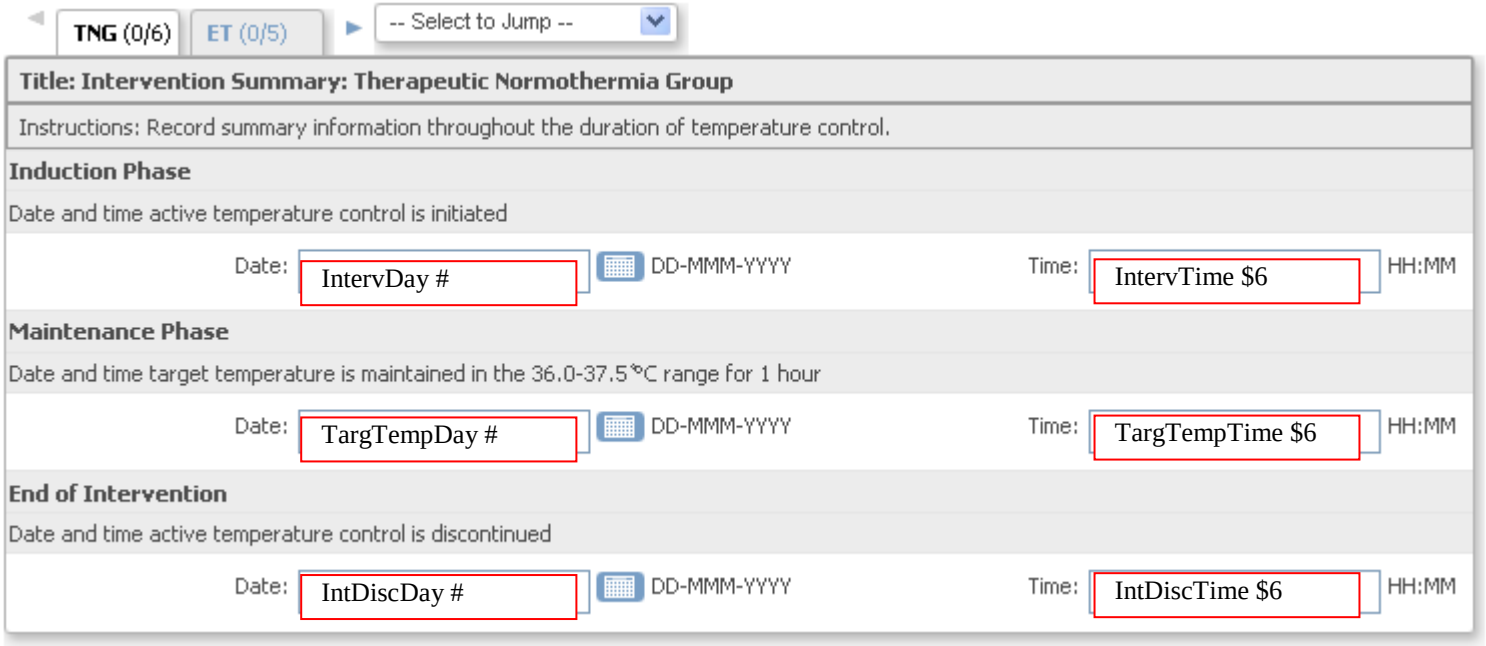
Derived variables included in the HGIntervenSumm dataset:

Variable	Format	Type	Label	Algorithm / Notes
TrtDiscReason	TRTDISCREASON 1=Improving 2=Worsening 90=Other	#	Treatment discontinued reason categorized by medical monitor	

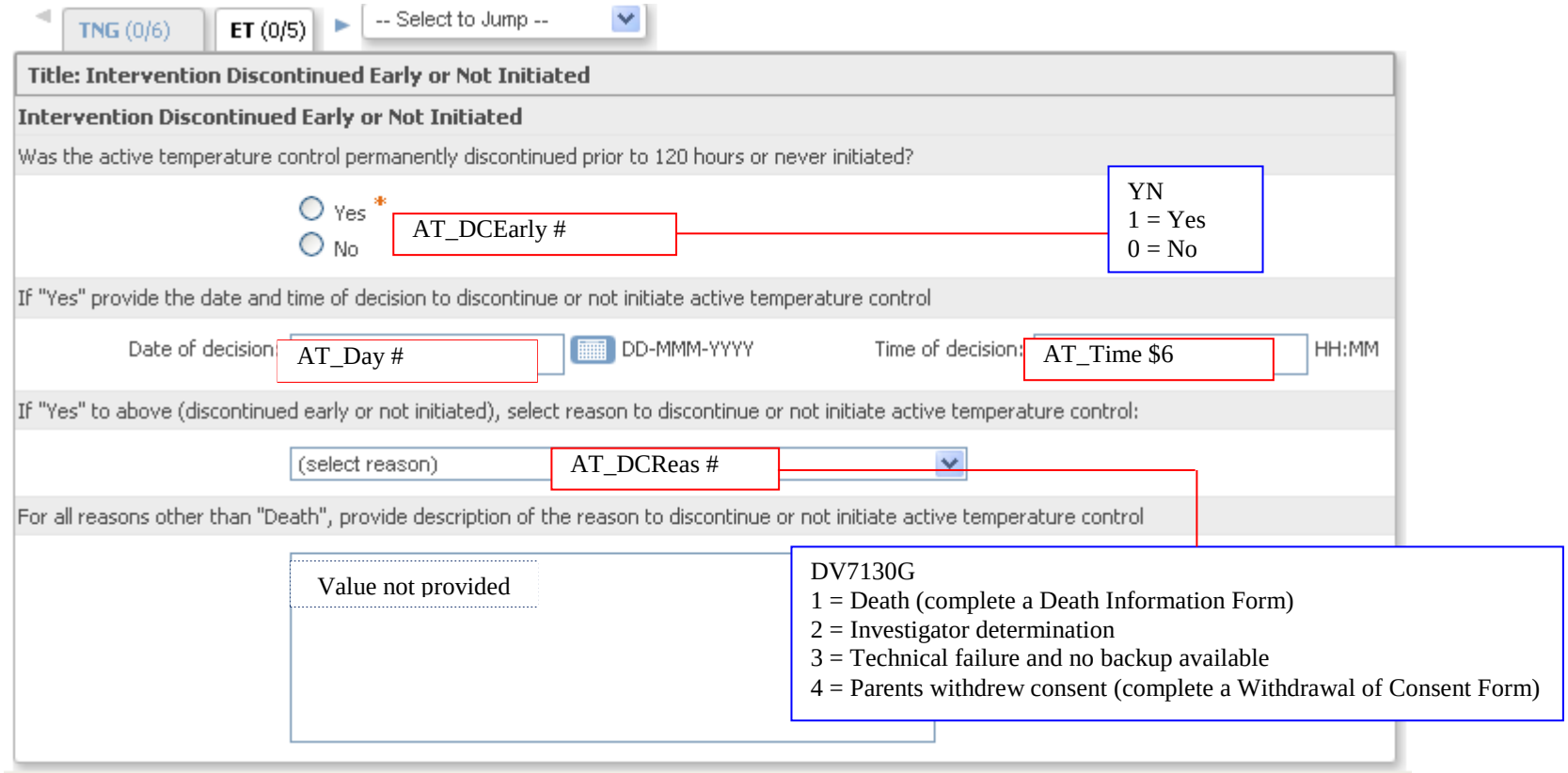
NGIntervenSumm (1 of 2)

SubjectID

Normothermia Intervention Summary



NGIntervenSumm (2 of 2)



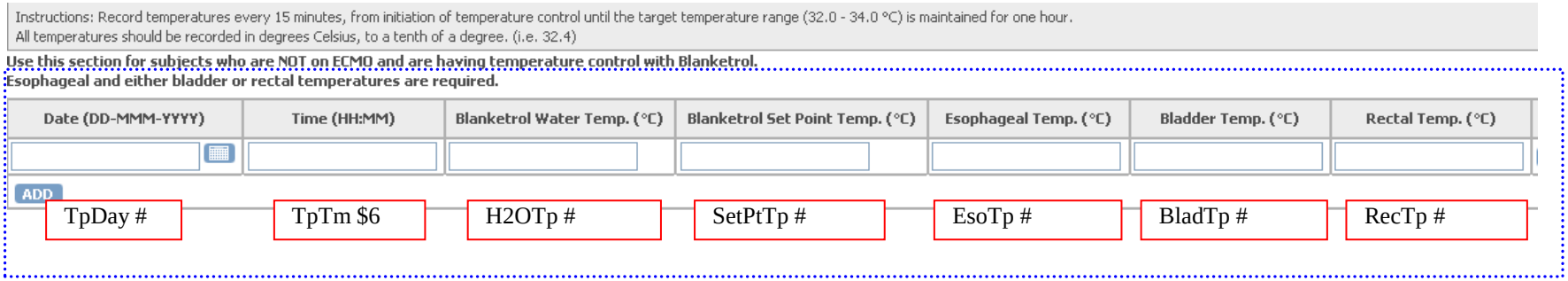
Derived variables included in the NGIntervenSumm dataset:

Variable	Format	Type	Label	Algorithm / Notes
TrtDiscReason	TRTDISCREASON 1=Improving 2=Worsening 90=Other	#	Treatment discontinued reason categorized by medical monitor	

TempMonitor

SubjectID | ItemGroupRepeatKey | Phase

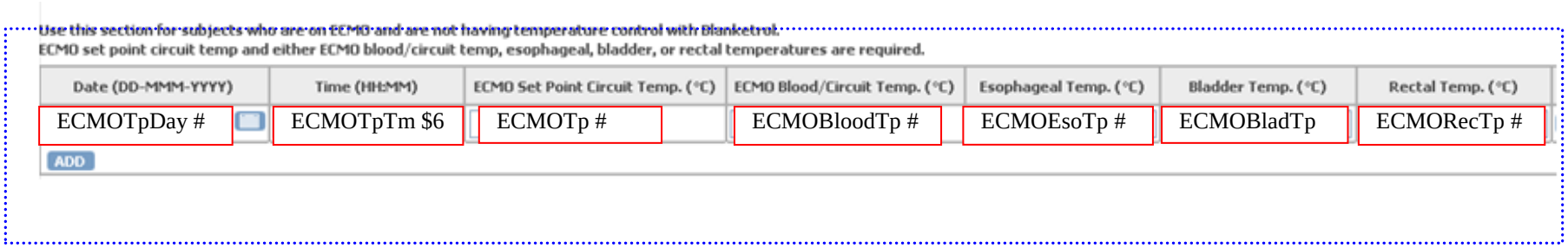
Blanketrol Temperature Log



TempECMO

SubjectID | ItemGroupRepeatKey | Phase

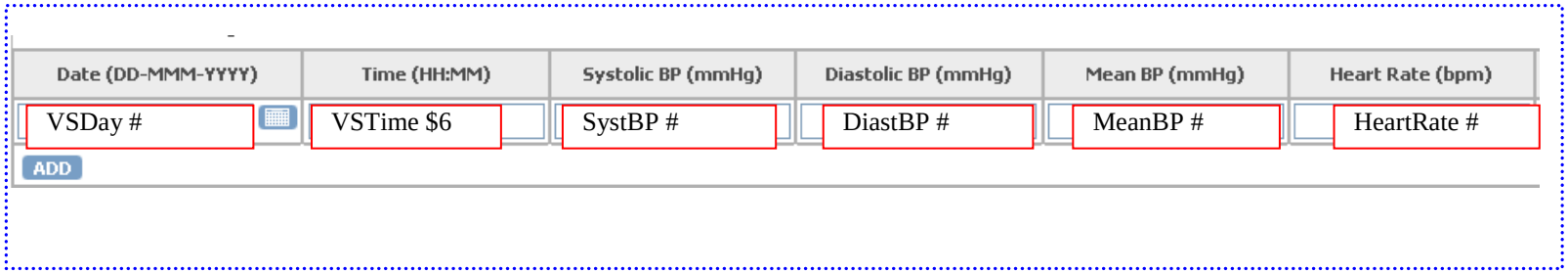
ECMO Temperature Log



VitalSigns

SubjectID | ItemGroupRepeatKey | Phase

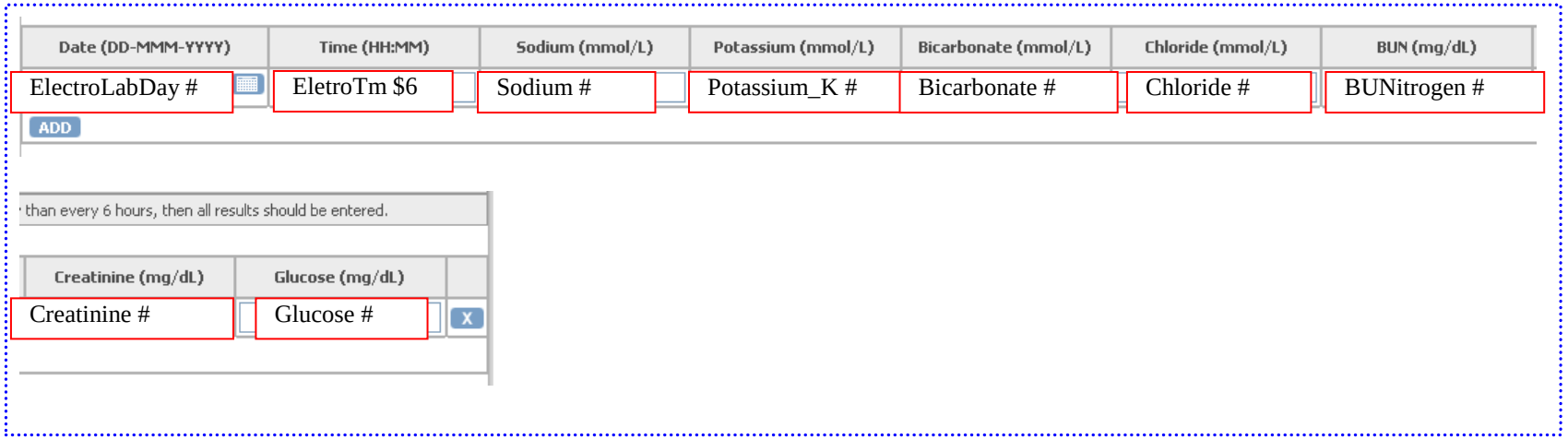
Vital Signs Log



Electrolytes

SubjectID | ItemGroupRepeatKey | Phase

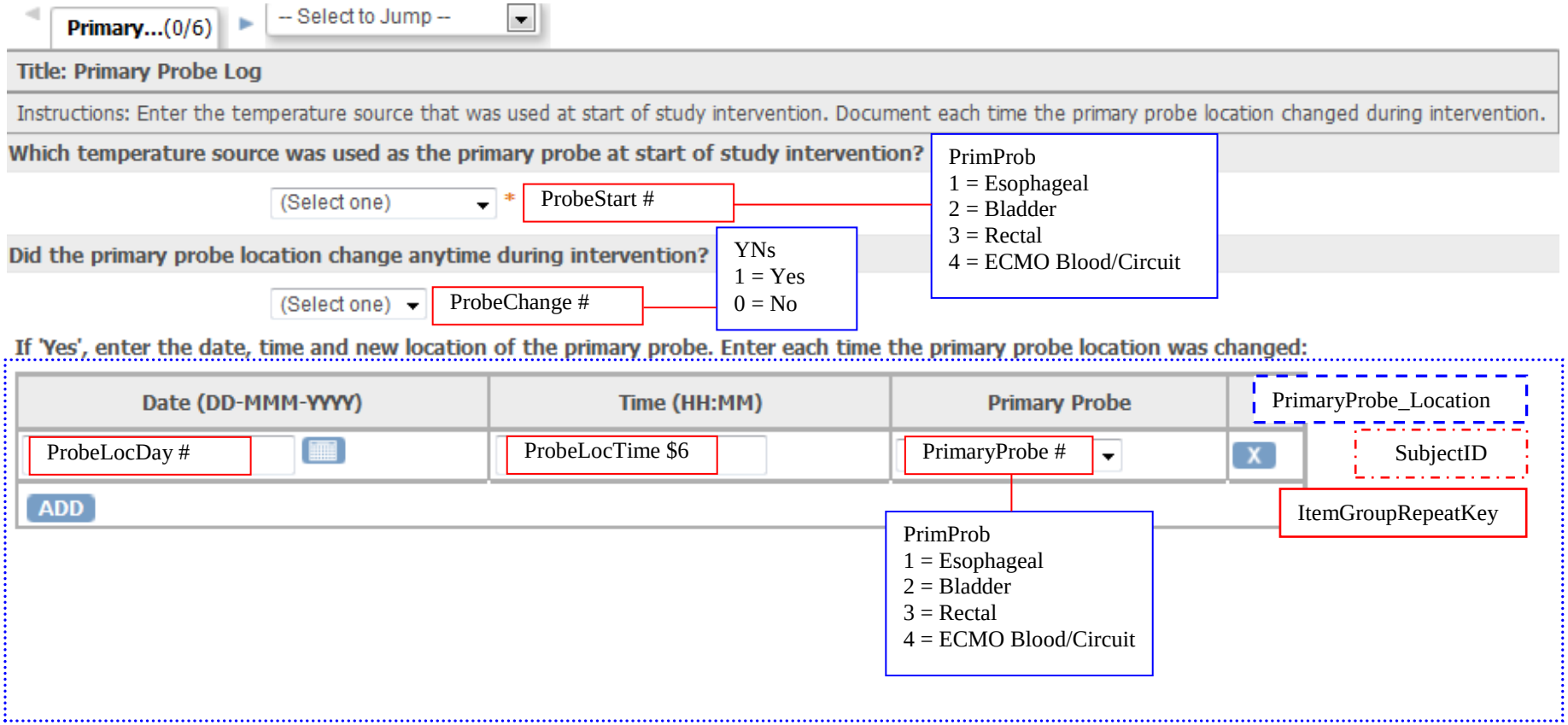
Electrolytes Log



PrimaryProbe (1 of 1)

SubjectID

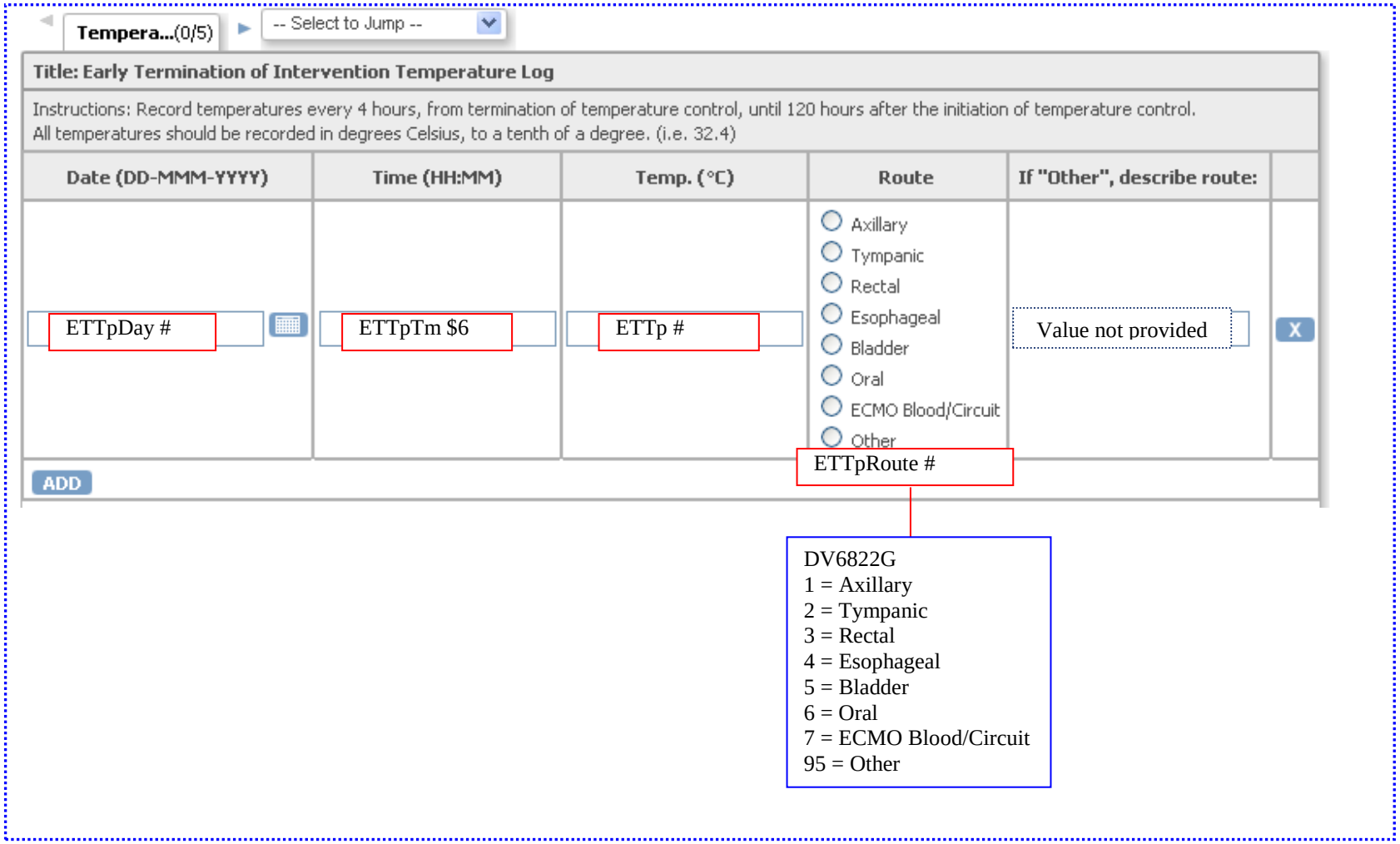
Primary Probe Log



ETTempMonitor (1 of 1)

SubjectID | ItemGroupRepeatKey

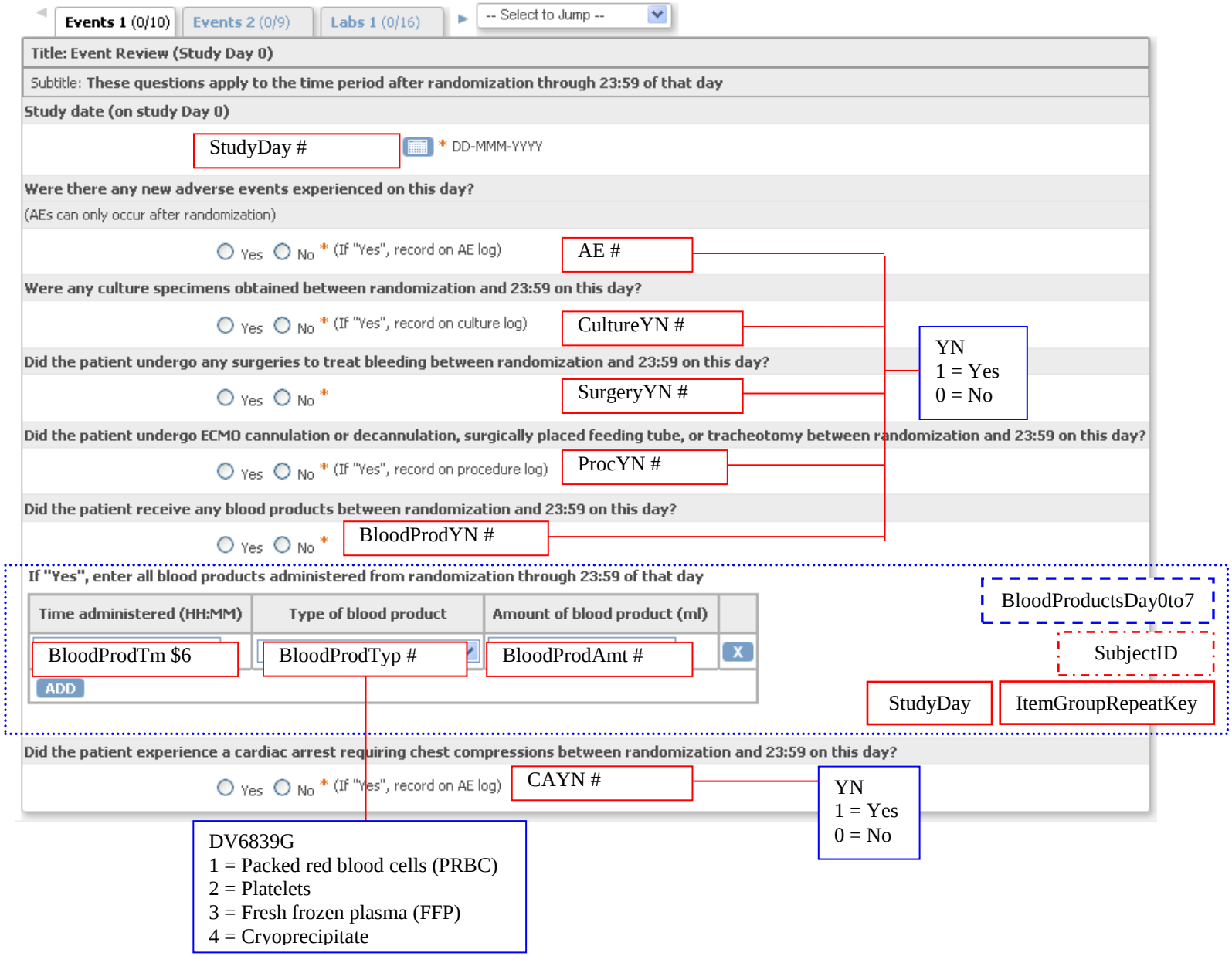
Early Termination Temp Log



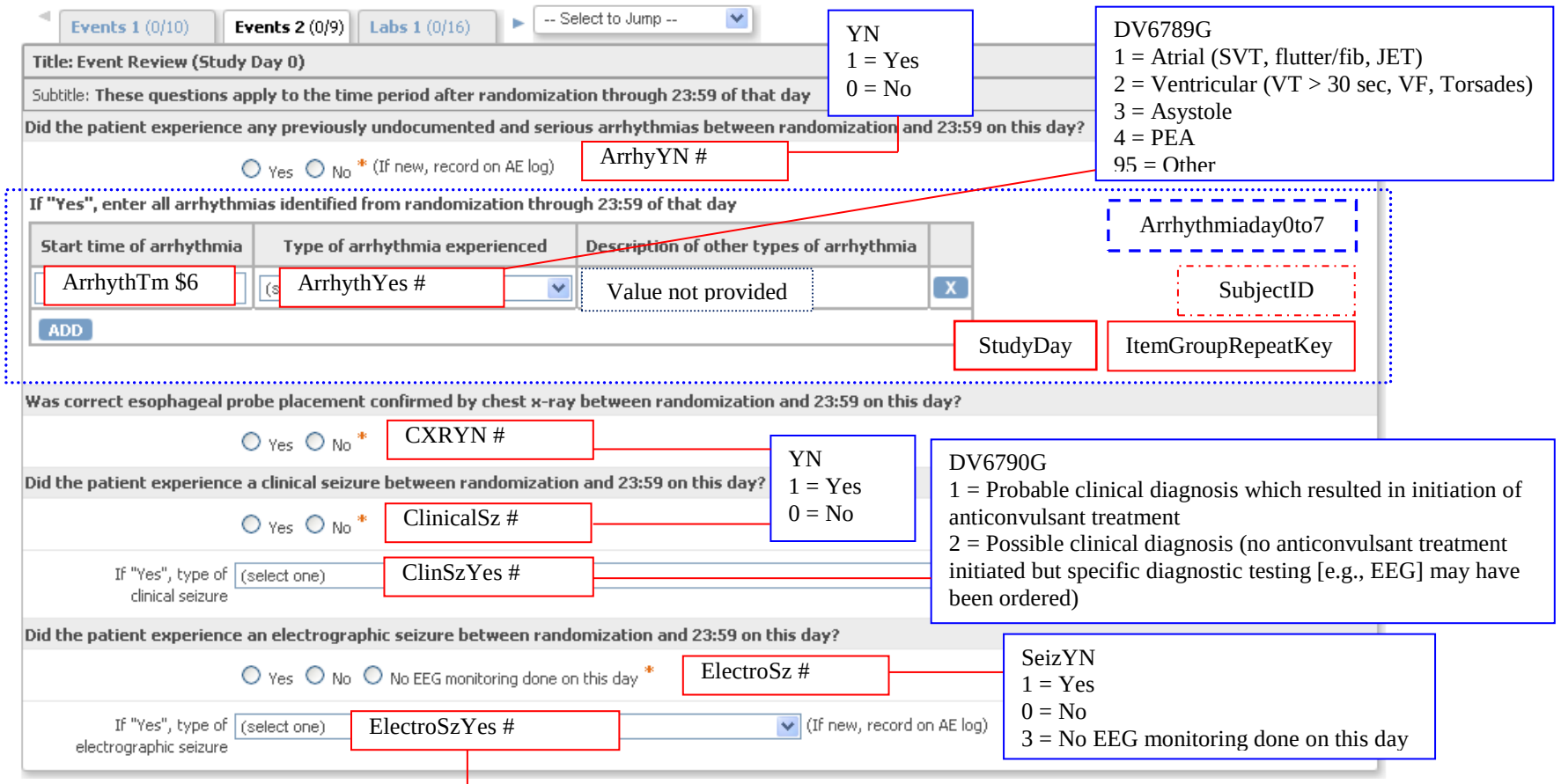
Day0 (1 of 5)

SubjectID

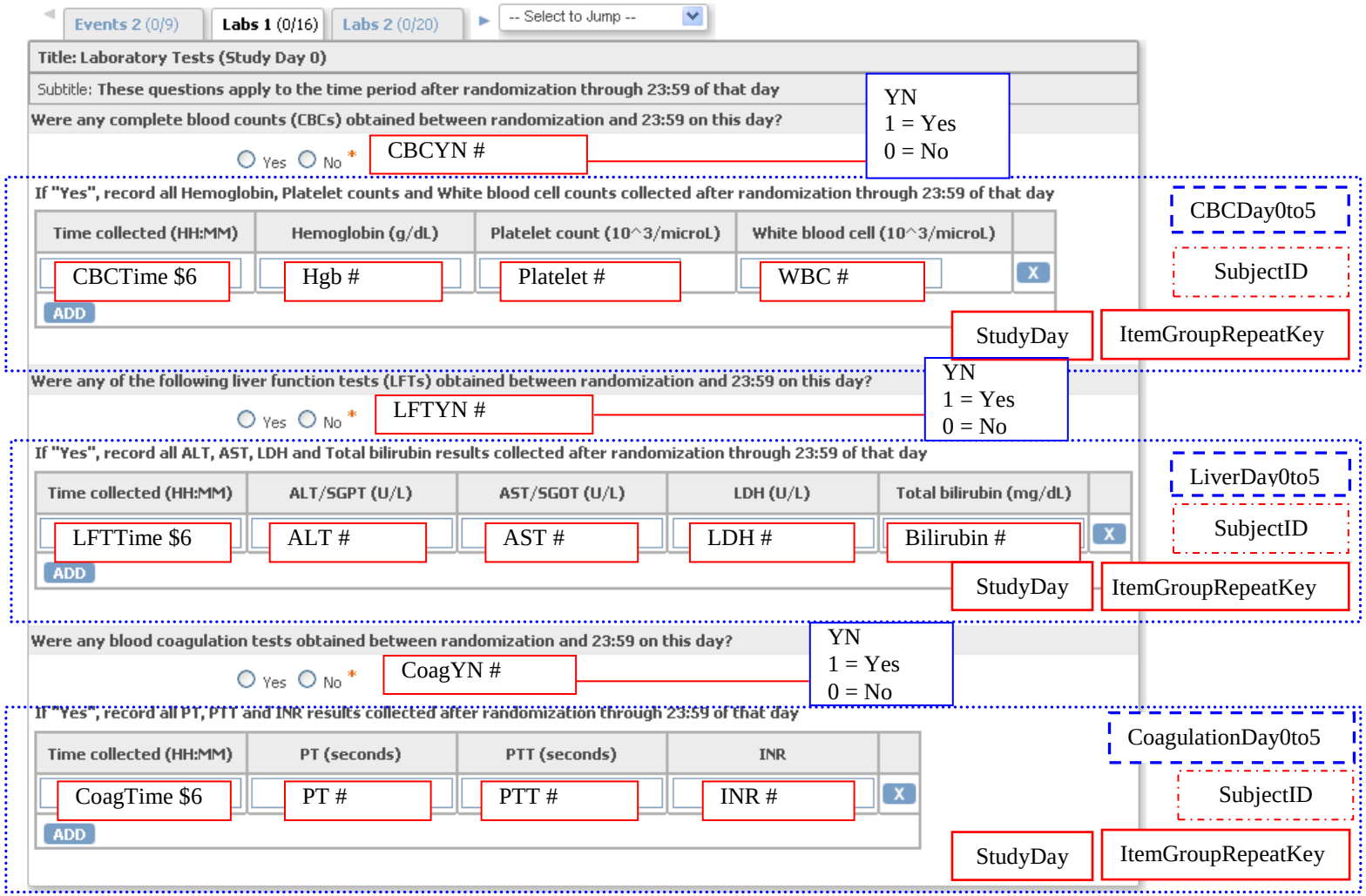
Day 0



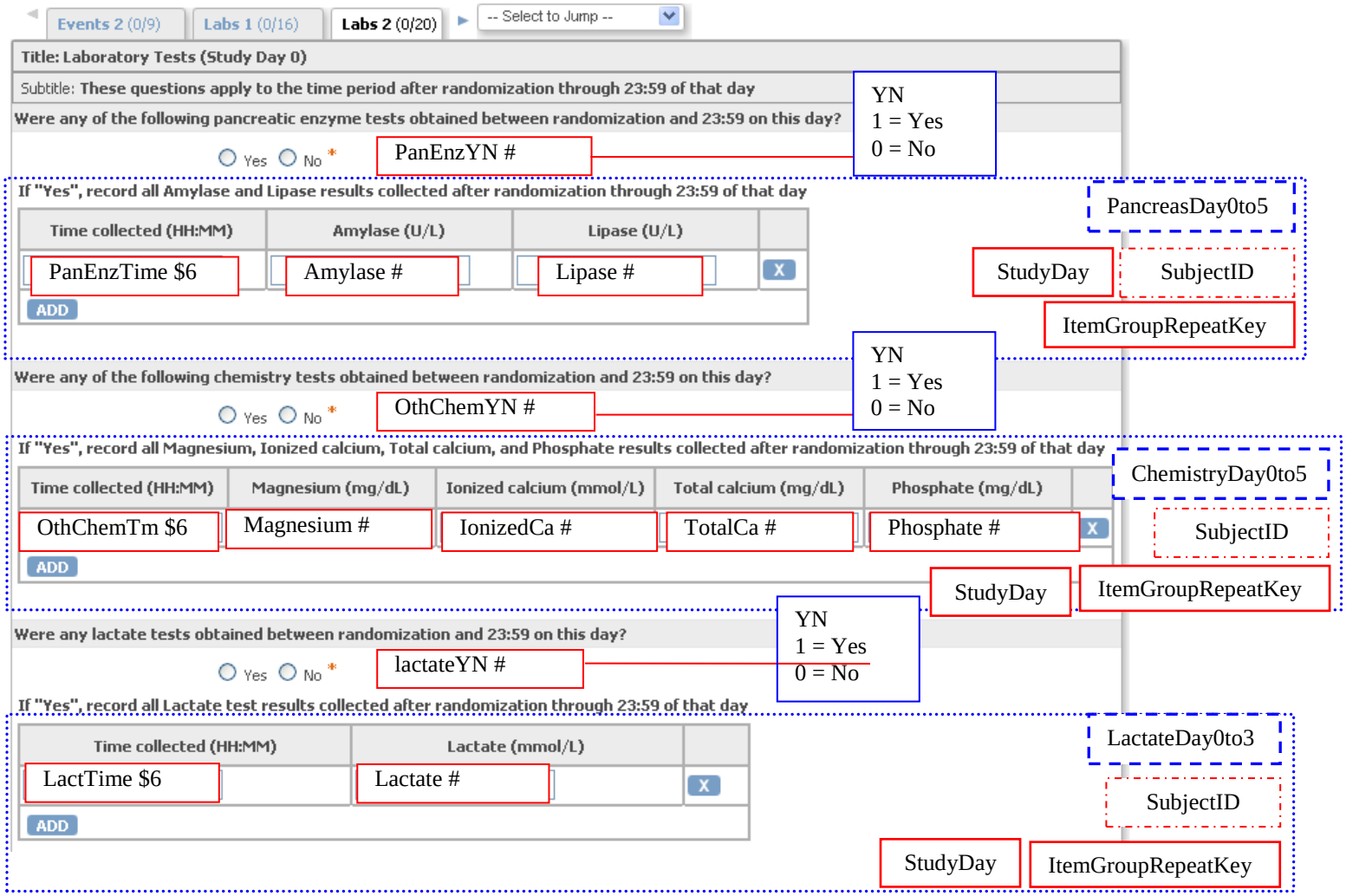
Day0 (2 of 5)


Events 1 (0/10)
Events 2 (0/9)
Labs 1 (0/16)
-- Select to Jump --
Title: Event Review (Study Day 0)
Subtitle: These questions apply to the time period after randomization through 23:59 of that day
Did the patient experience any previously undocumented and serious arrhythmias between randomization and 23:59 on this day?
Yes No * (If new, record on AE log)
ArrhyYN #
YN
1 = Yes
0 = No
DV6789G
1 = Atrial (SVT, flutter/fib, JET)
2 = Ventricular (VT > 30 sec, VF, Torsades)
3 = Asystole
4 = PEA
95 = Other
If "Yes", enter all arrhythmias identified from randomization through 23:59 of that day
Start time of arrhythmia
Type of arrhythmia experienced
Description of other types of arrhythmia
ArrhythTm $6
ArrhythYes #
Value not provided
ADD
Arrhythmiaday0to7
SubjectID
StudyDay
ItemGroupRepeatKey
Was correct esophageal probe placement confirmed by chest x-ray between randomization and 23:59 on this day?
Yes No *
CXRYN #
Did the patient experience a clinical seizure between randomization and 23:59 on this day?
Yes No *
ClinicalSz #
YN
1 = Yes
0 = No
If "Yes", type of clinical seizure
(select one)
ClinSzYes #
DV6790G
1 = Probable clinical diagnosis which resulted in initiation of anticonvulsant treatment
2 = Possible clinical diagnosis (no anticonvulsant treatment initiated but specific diagnostic testing [e.g., EEG] may have been ordered)
Did the patient experience an electrographic seizure between randomization and 23:59 on this day?
Yes No No EEG monitoring done on this day *
ElectroSz #
SeizYN
1 = Yes
0 = No
3 = No EEG monitoring done on this day
If "Yes", type of electrographic seizure
(select one)
ElectroSzYes #
(If new, record on AE log)
DV6791G
1 = Definite electroencephalographic seizure ("ictal") activity described
2 = Abnormal recording but without definite EEG confirmation of seizure activity

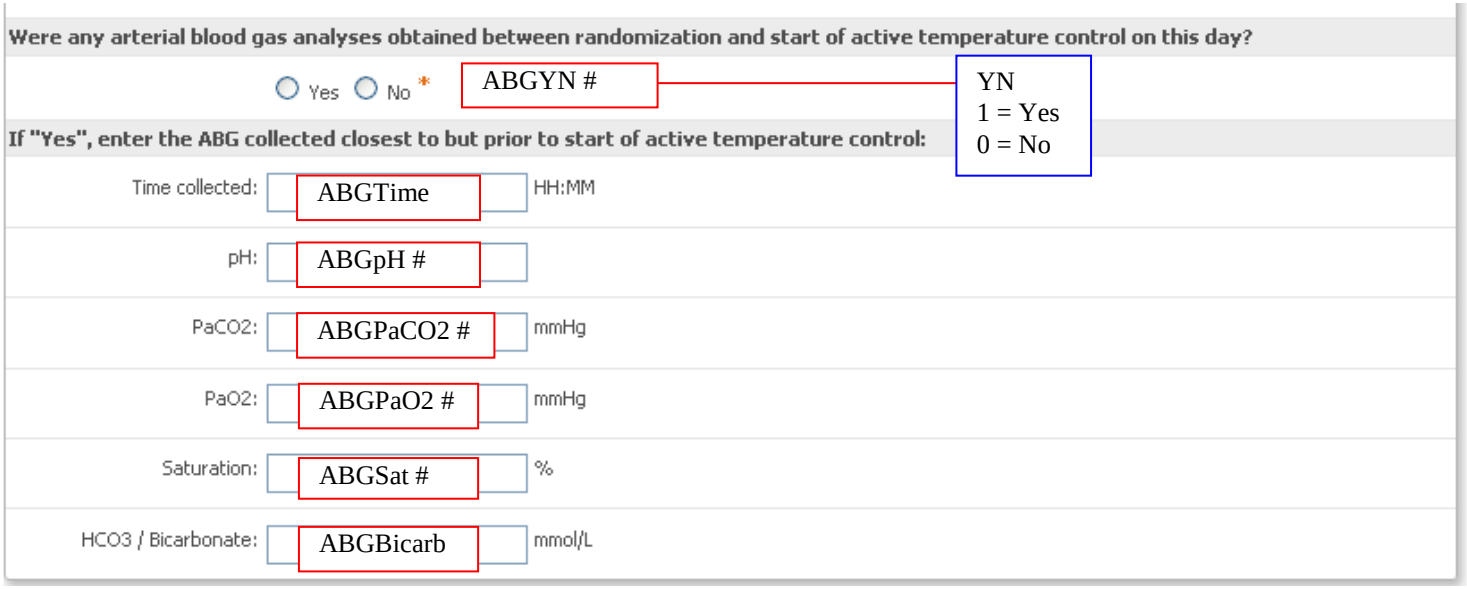
Day0 (3 of 5)


Events 2 (0/9)
Labs 1 (0/16)
Labs 2 (0/20)
-- Select to Jump --
Title: Laboratory Tests (Study Day 0)
Subtitle: These questions apply to the time period after randomization through 23:59 of that day
Were any complete blood counts (CBCs) obtained between randomization and 23:59 on this day?
Yes
No
CBCYN #
YN
1 = Yes
0 = No
If "Yes", record all Hemoglobin, Platelet counts and White blood cell counts collected after randomization through 23:59 of that day
Time collected (HH:MM)
Hemoglobin (g/dL)
Platelet count (10^3/microL)
White blood cell (10^3/microL)
CBCTime $6
Hgb #
Platelet #
WBC #
ADD
CBCDay0to5
SubjectID
StudyDay
ItemGroupRepeatKey
Were any of the following liver function tests (LFTs) obtained between randomization and 23:59 on this day?
LFTYN #
YN
1 = Yes
0 = No
If "Yes", record all ALT, AST, LDH and Total bilirubin results collected after randomization through 23:59 of that day
Time collected (HH:MM)
ALT/SGPT (U/L)
AST/SGOT (U/L)
LDH (U/L)
Total bilirubin (mg/dL)
LFTTime $6
ALT #
AST #
LDH #
Bilirubin #
ADD
LiverDay0to5
SubjectID
StudyDay
ItemGroupRepeatKey
Were any blood coagulation tests obtained between randomization and 23:59 on this day?
CoagYN #
YN
1 = Yes
0 = No
If "Yes", record all PT, PTT and INR results collected after randomization through 23:59 of that day
Time collected (HH:MM)
PT (seconds)
PTT (seconds)
INR
CoagTime $6
PT #
PTT #
INR #
ADD
CoagulationDay0to5
SubjectID
StudyDay
ItemGroupRepeatKey

Day0 (4 of 5)

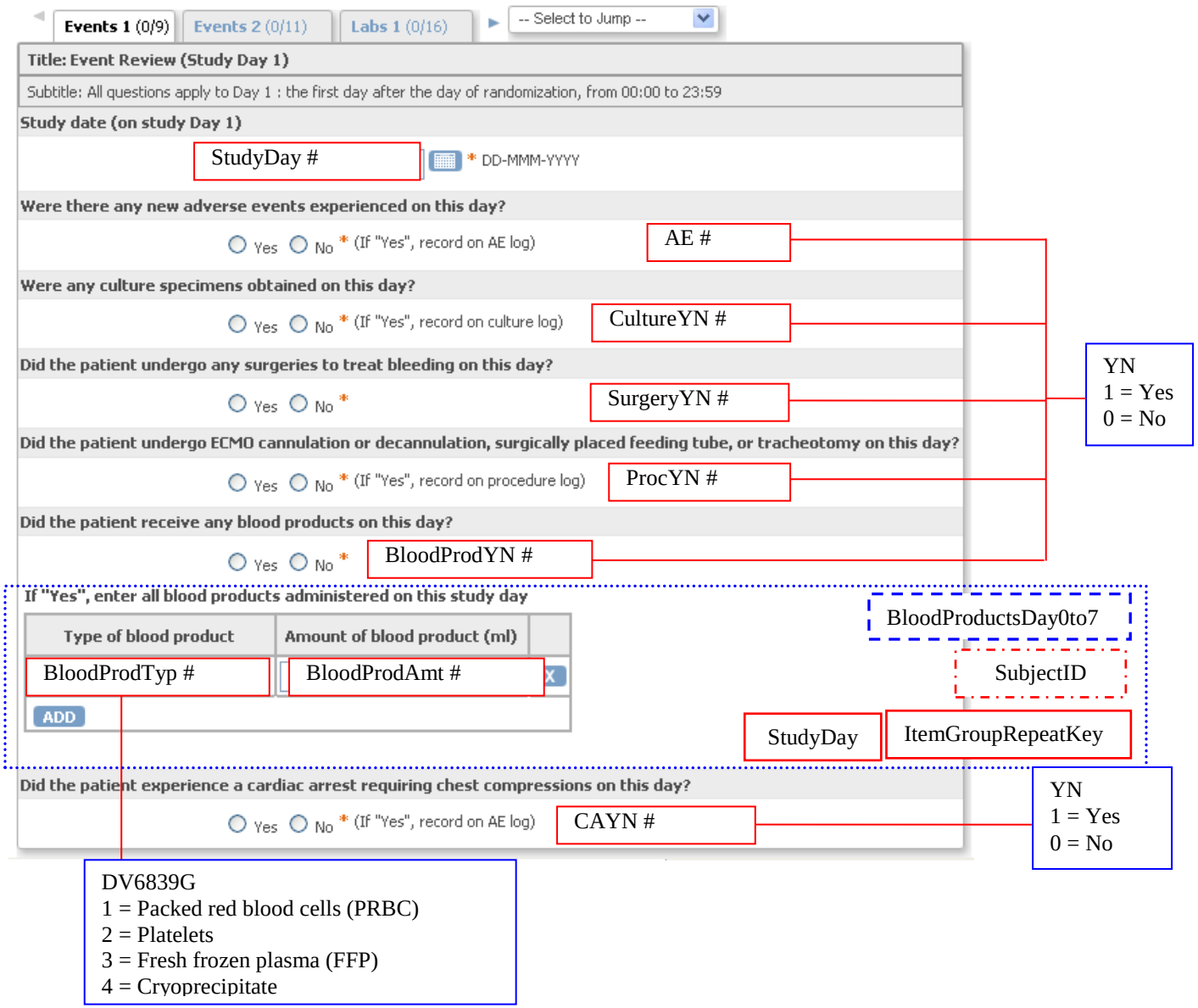

Events 2 (0/9)
Labs 1 (0/16)
Labs 2 (0/20)
-- Select to Jump --
Title: Laboratory Tests (Study Day 0)
Subtitle: These questions apply to the time period after randomization through 23:59 of that day
Were any of the following pancreatic enzyme tests obtained between randomization and 23:59 on this day?
Yes No *
PanEnzYN #
YN
1 = Yes
0 = No
If "Yes", record all Amylase and Lipase results collected after randomization through 23:59 of that day
Time collected (HH:MM)
Amylase (U/L)
Lipase (U/L)
PanEnzTime $6
Amylase #
Lipase #
ADD
PancreasDay0to5
StudyDay
SubjectID
ItemGroupRepeatKey
Were any of the following chemistry tests obtained between randomization and 23:59 on this day?
Yes No *
OthChemYN #
YN
1 = Yes
0 = No
If "Yes", record all Magnesium, Ionized calcium, Total calcium, and Phosphate results collected after randomization through 23:59 of that day
Time collected (HH:MM)
Magnesium (mg/dL)
Ionized calcium (mmol/L)
Total calcium (mg/dL)
Phosphate (mg/dL)
OthChemTm $6
Magnesium #
IonizedCa #
TotalCa #
Phosphate #
ADD
ChemistryDay0to5
SubjectID
StudyDay
ItemGroupRepeatKey
Were any lactate tests obtained between randomization and 23:59 on this day?
Yes No *
lactateYN #
YN
1 = Yes
0 = No
If "Yes", record all Lactate test results collected after randomization through 23:59 of that day
Time collected (HH:MM)
Lactate (mmol/L)
LactTime $6
Lactate #
ADD
LactateDay0to3
SubjectID
StudyDay
ItemGroupRepeatKey

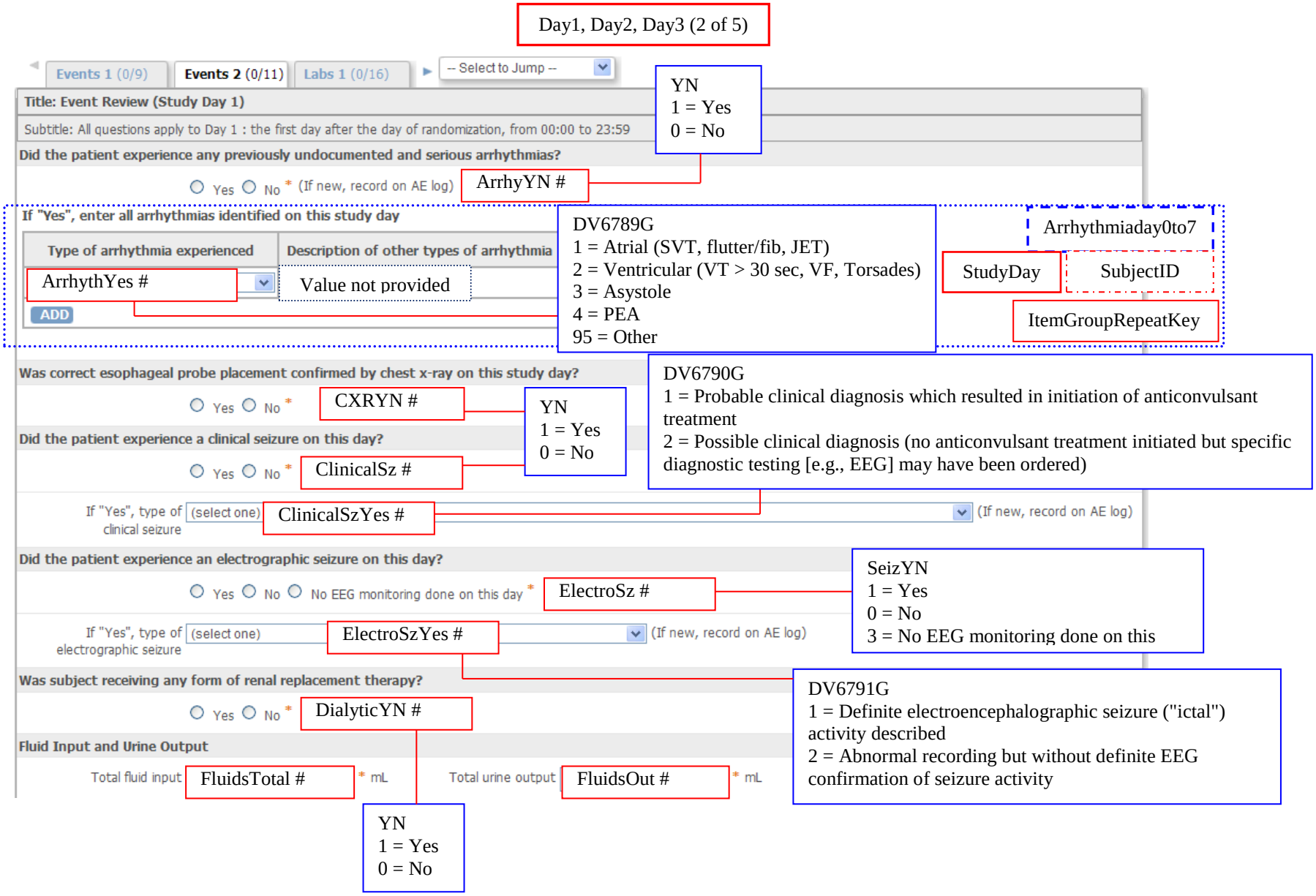
Day0 (5 of 5)


Were any arterial blood gas analyses obtained between randomization and start of active temperature control on this day?
Yes
No *
ABGYN #
YN
1 = Yes
0 = No
If "Yes", enter the ABG collected closest to but prior to start of active temperature control:
Time collected:
ABGTime
HH:MM
pH:
ABGpH #
PaCO2:
ABGPaCO2 #
mmHg
PaO2:
ABGPaO2 #
mmHg
Saturation:
ABGSat #
%
HCO3 / Bicarbonate:
ABGBicarb
mmol/L

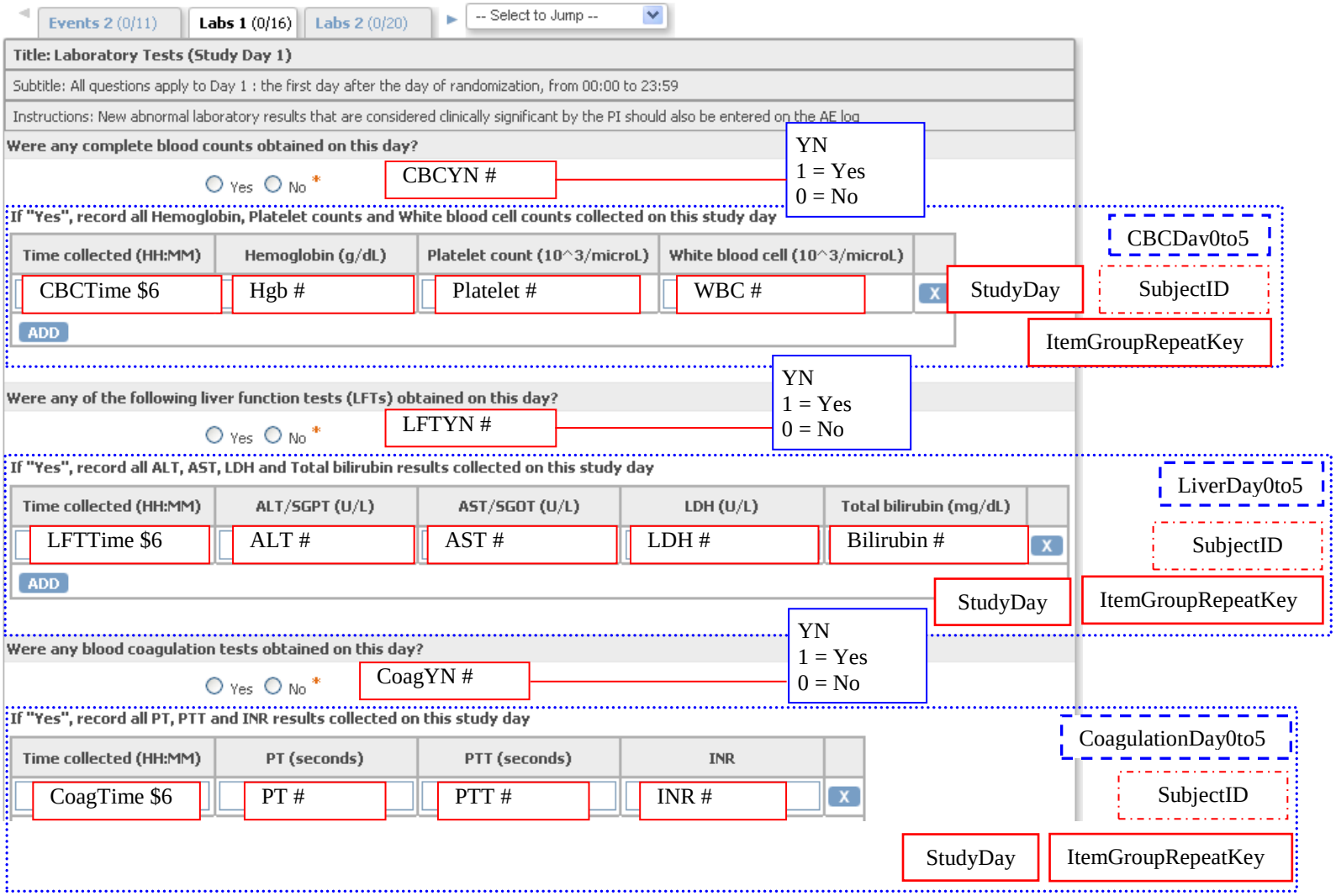
Day1, Day2, Day3 (1 of 5)

Day 1
Day 2
Day 3

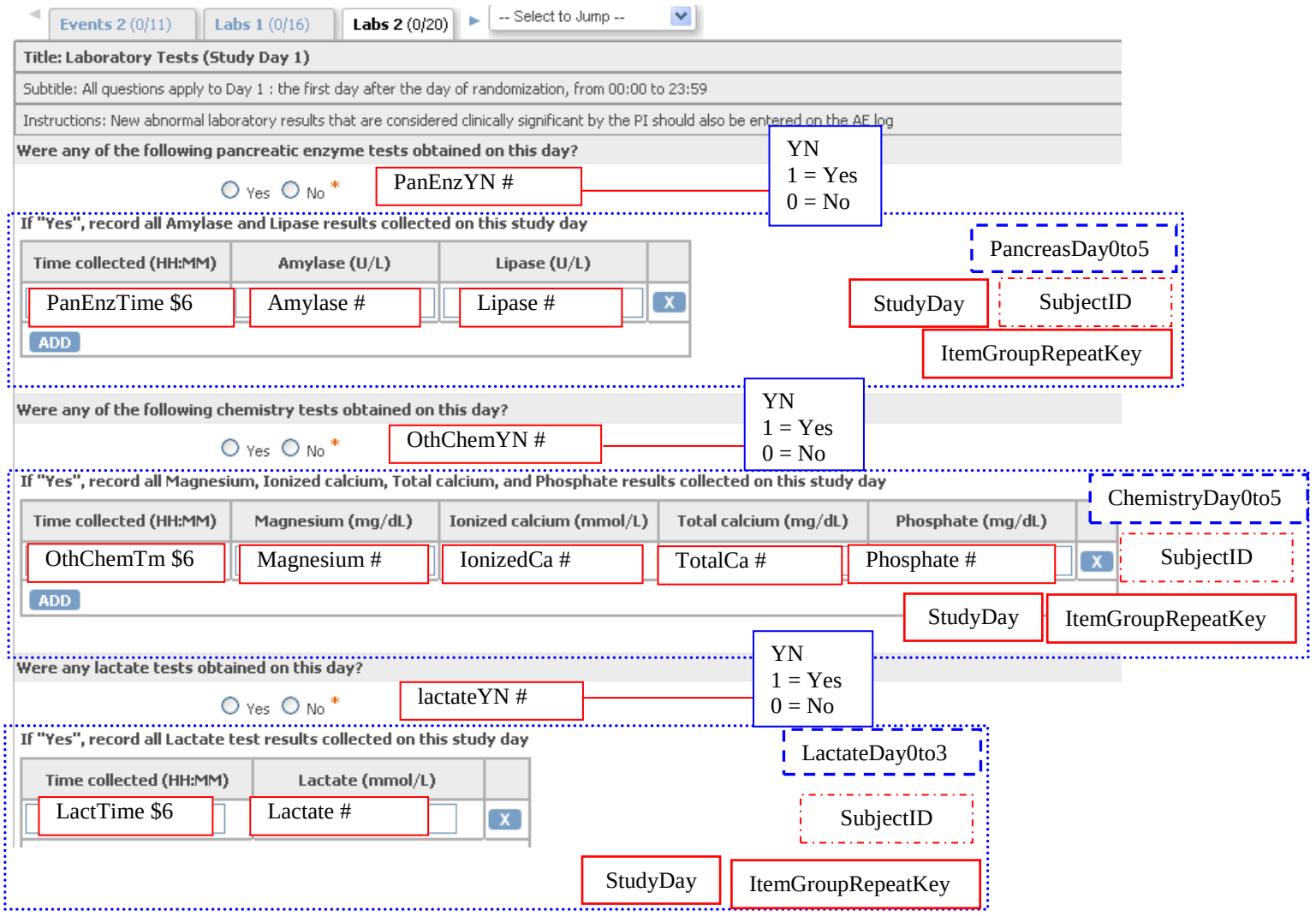



Day1, Day2, Day3 (2 of 5)
Events 1 (0/9)
Events 2 (0/11)
Labs 1 (0/16)
-- Select to Jump --
Title: Event Review (Study Day 1)
Subtitle: All questions apply to Day 1 : the first day after the day of randomization, from 00:00 to 23:59
Did the patient experience any previously undocumented and serious arrhythmias?
Yes No * (If new, record on AE log)
ArrhyYN #
YN
1 = Yes
0 = No
If "Yes", enter all arrhythmias identified on this study day
Type of arrhythmia experienced
Description of other types of arrhythmia
ArrhythYes #
Value not provided
ADD
DV6789G
1 = Atrial (SVT, flutter/fib, JET)
2 = Ventricular (VT > 30 sec, VF, Torsades)
3 = Asystole
4 = PEA
95 = Other
Arrhythmiaday0to7
StudyDay
SubjectID
ItemGroupRepeatKey
Was correct esophageal probe placement confirmed by chest x-ray on this study day?
Yes No *
CXRYN #
YN
1 = Yes
0 = No
DV6790G
1 = Probable clinical diagnosis which resulted in initiation of anticonvulsant treatment
2 = Possible clinical diagnosis (no anticonvulsant treatment initiated but specific diagnostic testing [e.g., EEG] may have been ordered)
Did the patient experience a clinical seizure on this day?
Yes No *
ClinicalSz #
If "Yes", type of clinical seizure
(select one)
ClinicalSzYes #
(If new, record on AE log)
Did the patient experience an electrographic seizure on this day?
Yes No No EEG monitoring done on this day *
ElectroSz #
SeizYN
1 = Yes
0 = No
3 = No EEG monitoring done on this
If "Yes", type of electrographic seizure
(select one)
ElectroSzYes #
(If new, record on AE log)
Was subject receiving any form of renal replacement therapy?
Yes No *
DialyticYN #
DV6791G
1 = Definite electroencephalographic seizure ("ictal") activity described
2 = Abnormal recording but without definite EEG confirmation of seizure activity
Fluid Input and Urine Output
Total fluid input
FluidsTotal #
* mL
Total urine output
FluidsOut #
* mL
YN
1 = Yes
0 = No

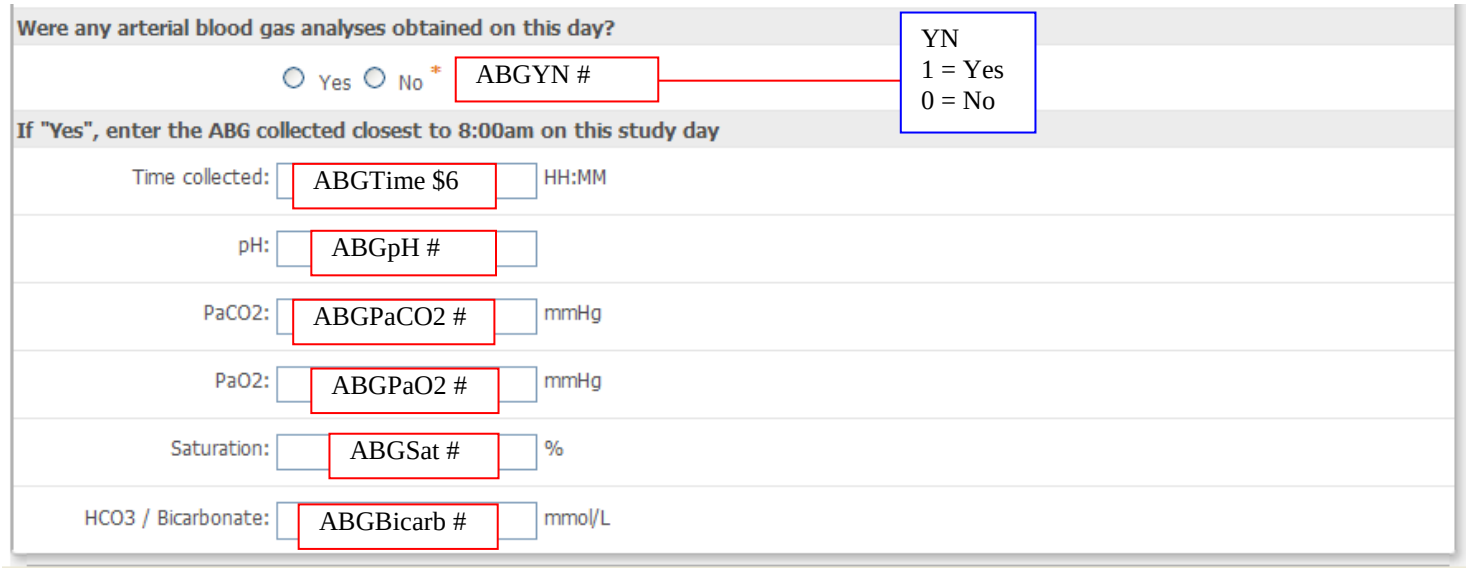
Day1, Day2, Day3 (3 of 5)



Day1, Day2, Day3 (4 of 5)



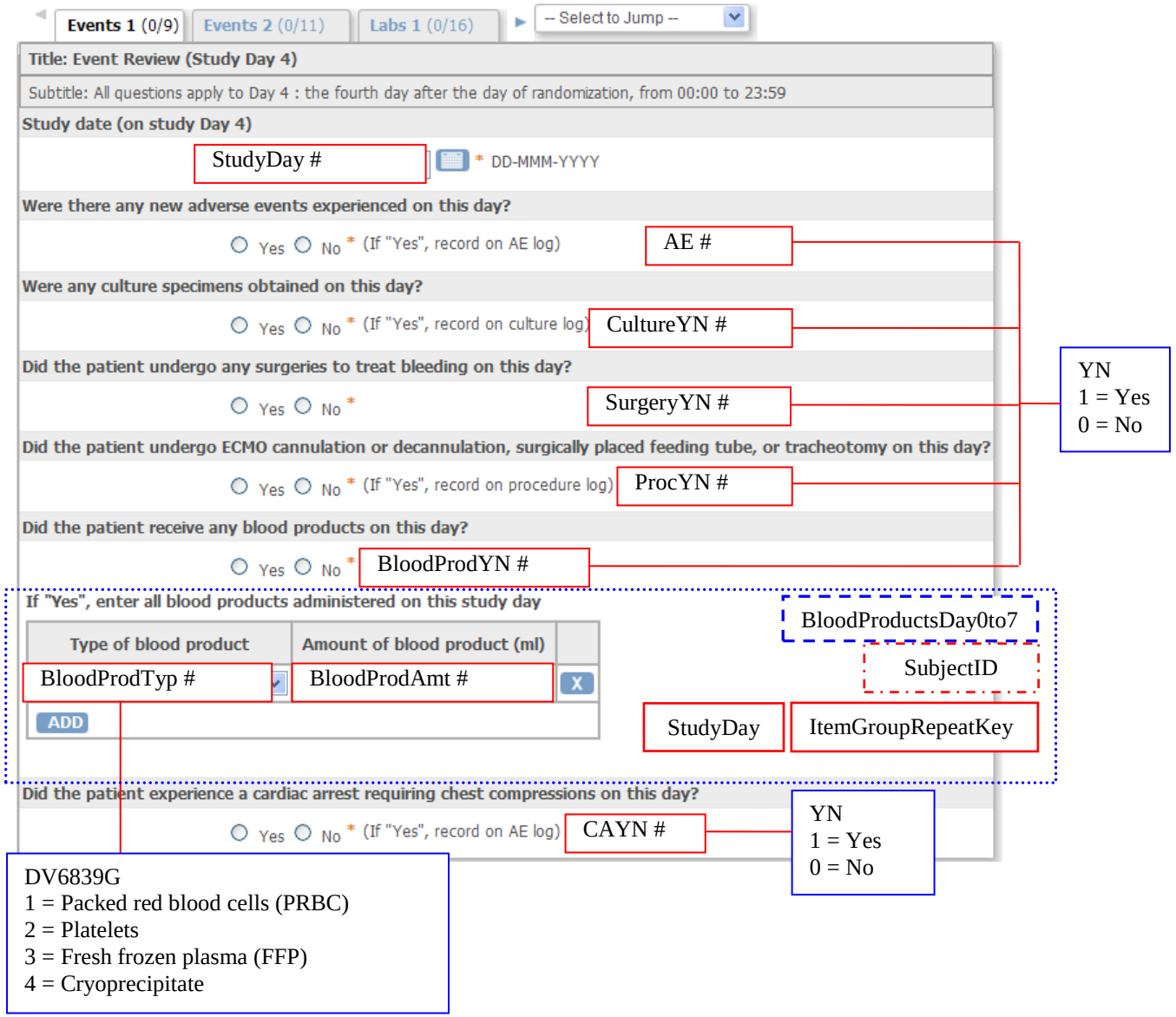
Day1, Day2, Day3 (5 of 5)



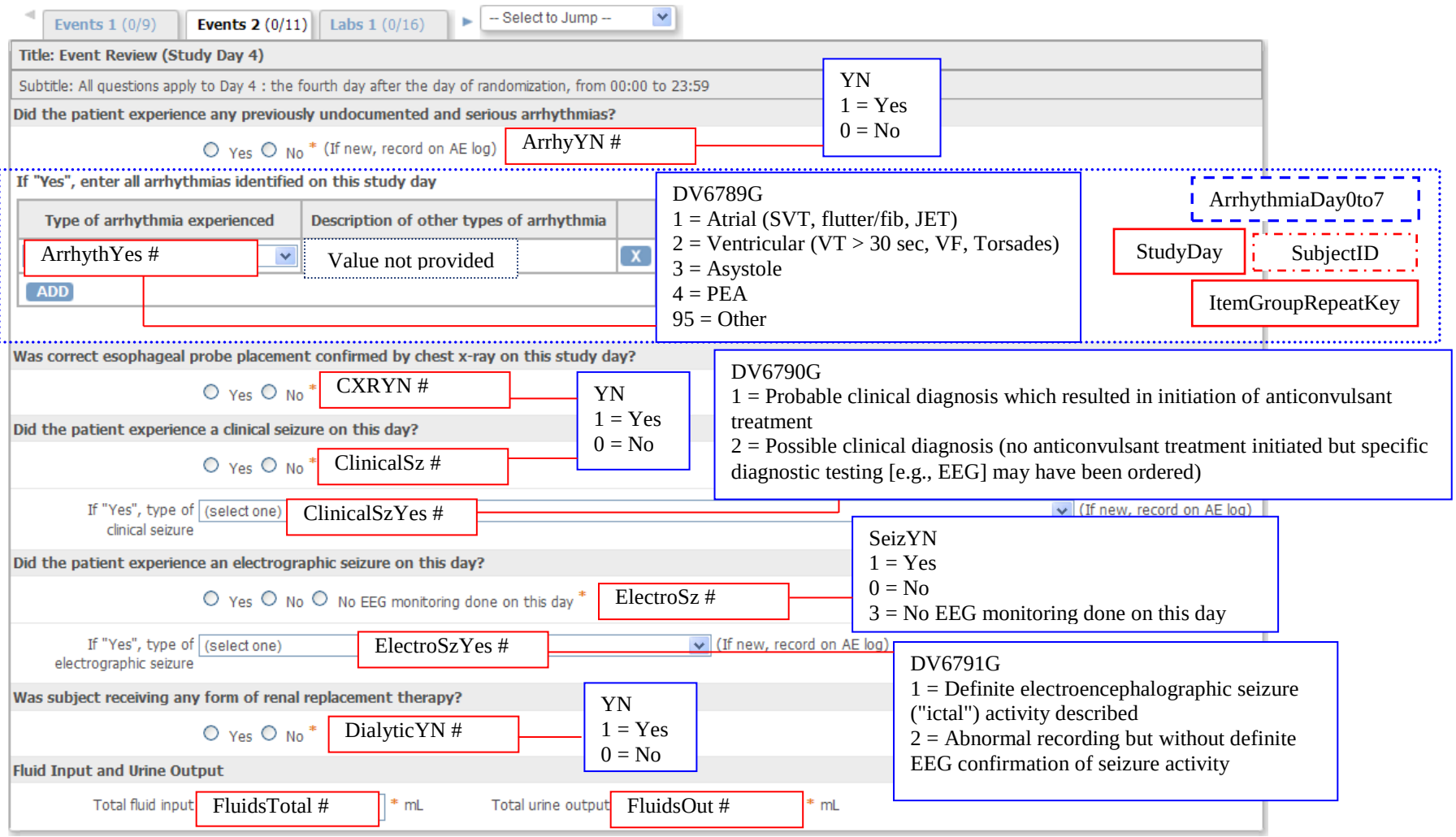
Day4, Day5 (1 of 4)

SubjectID

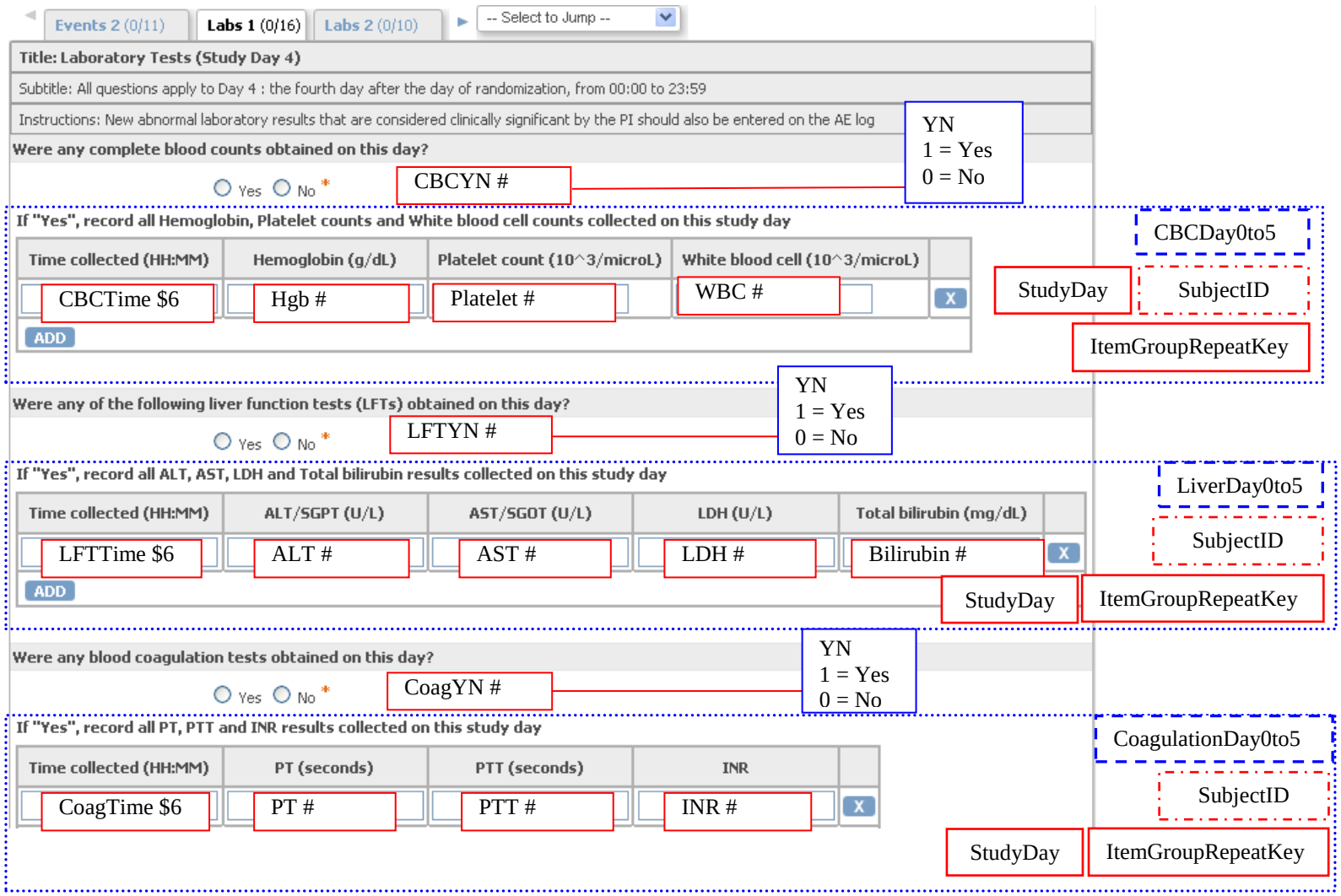
Day 4
Day 5



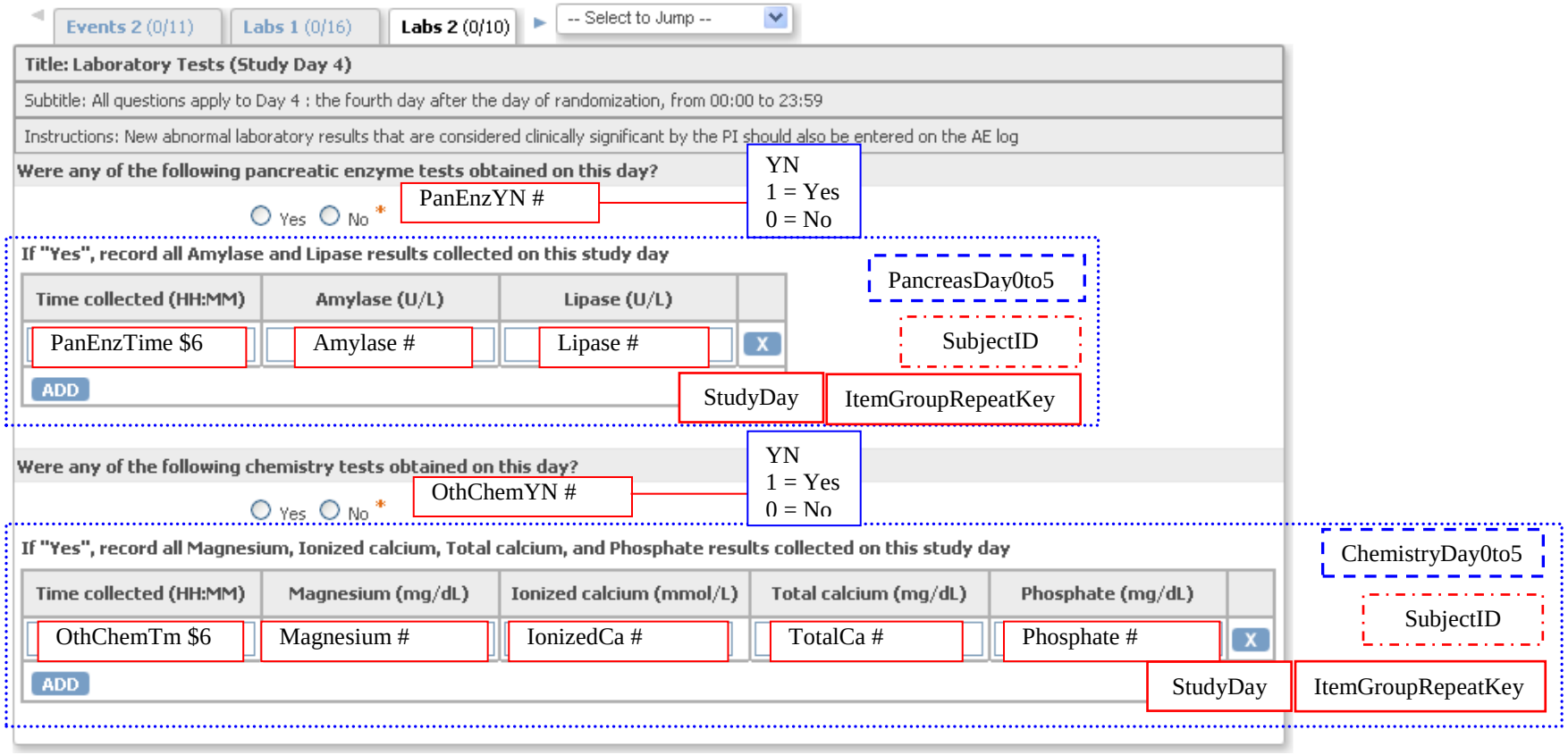
Day4, Day5 (2 of 4)



Day4, Day5 (3 of 4)



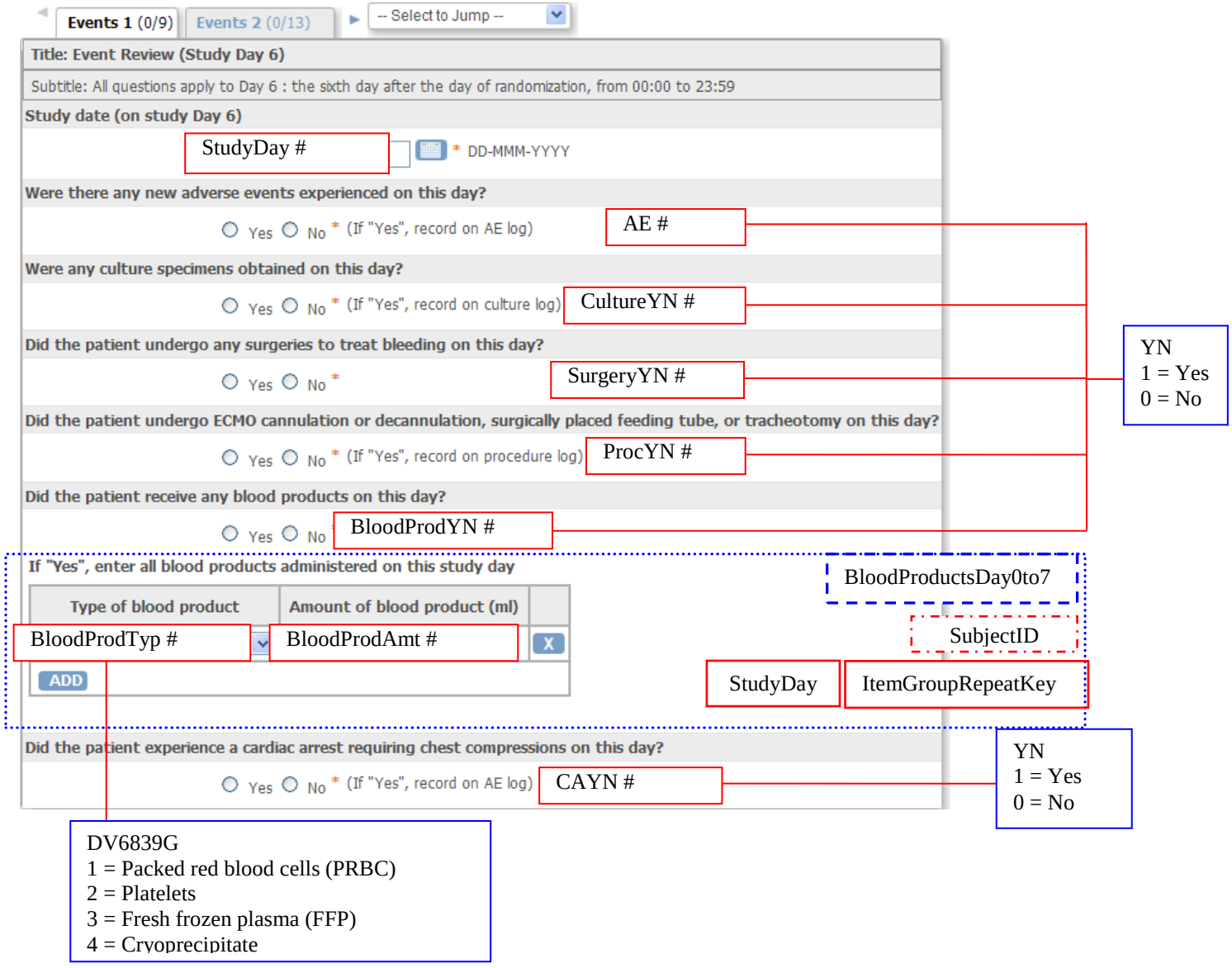
Day4, Day5 (4 of 4)



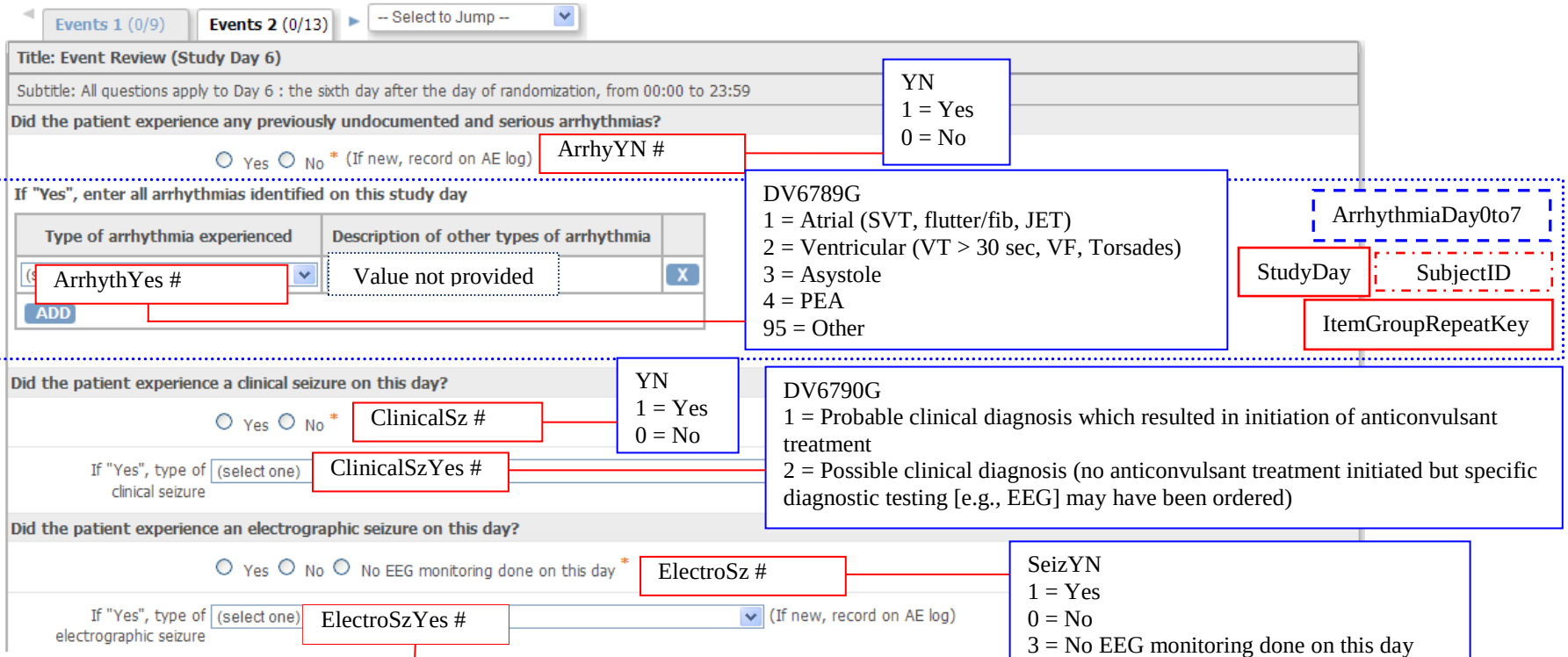
Day6, Day7 (1 of 3)

SubjectID

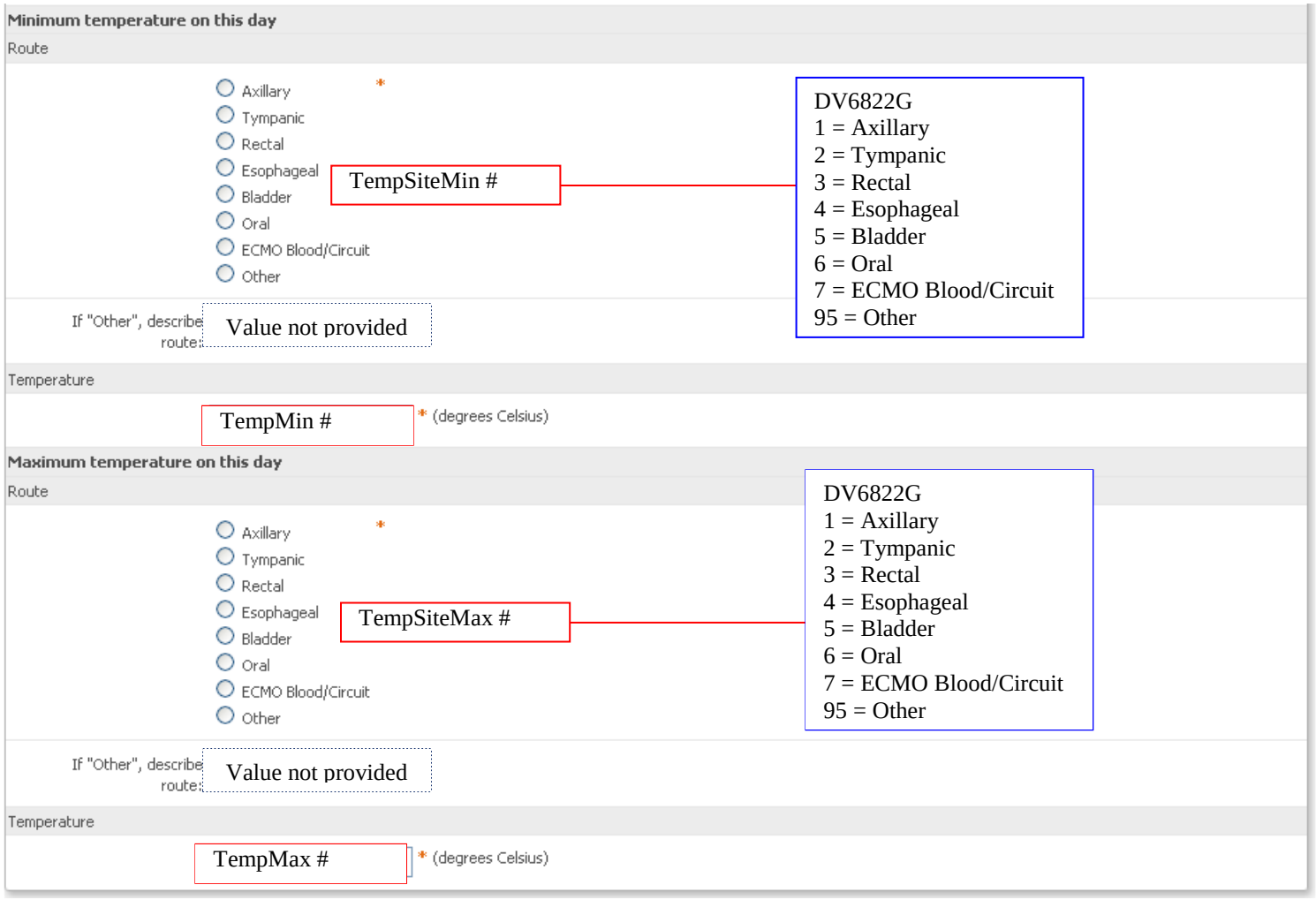
Day 6
Day 7



Day6, Day7 (2 of 3)



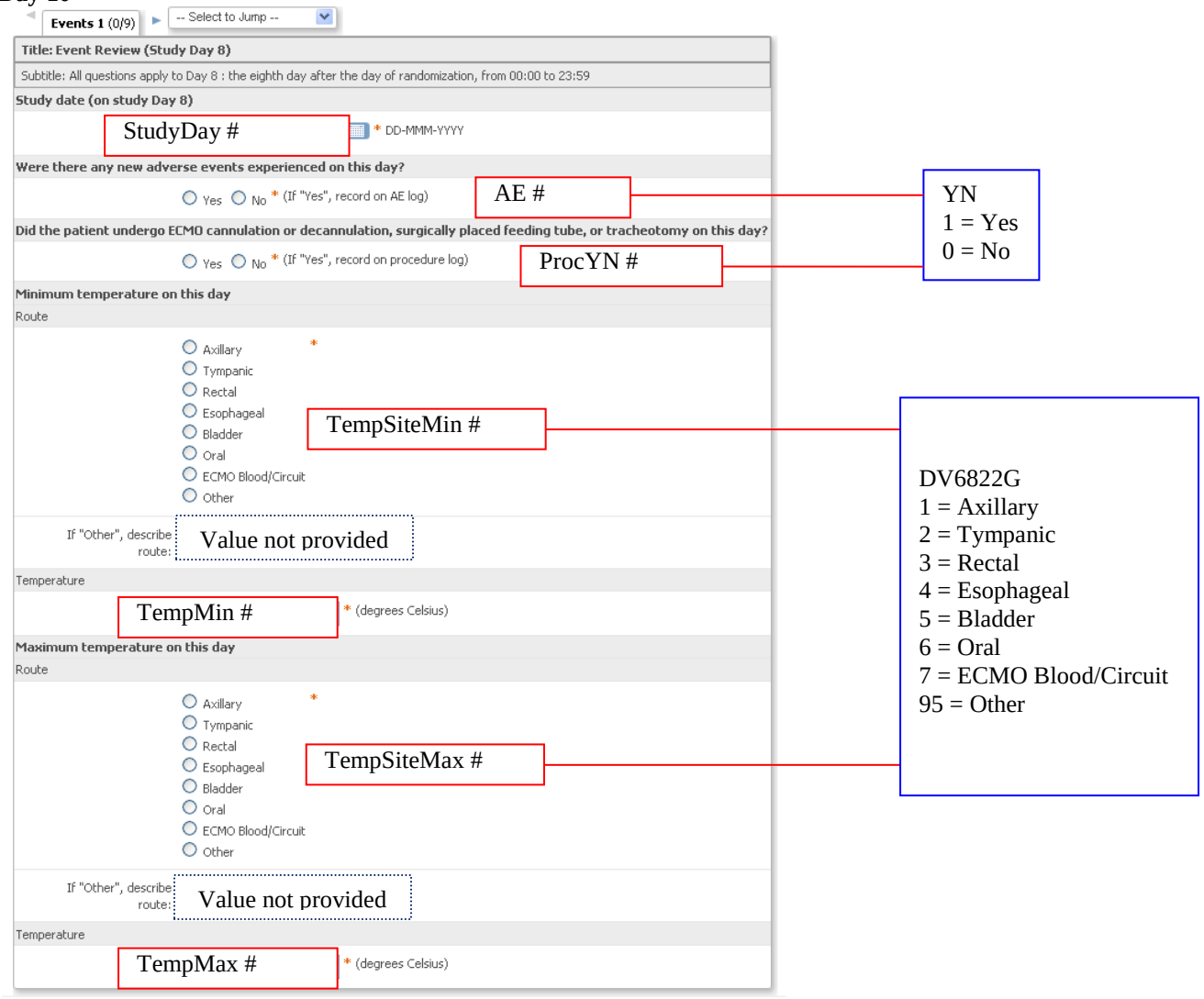
Day6, Day7 (3 of 3)



Day8, Day9, Day 10 (1 of 1)

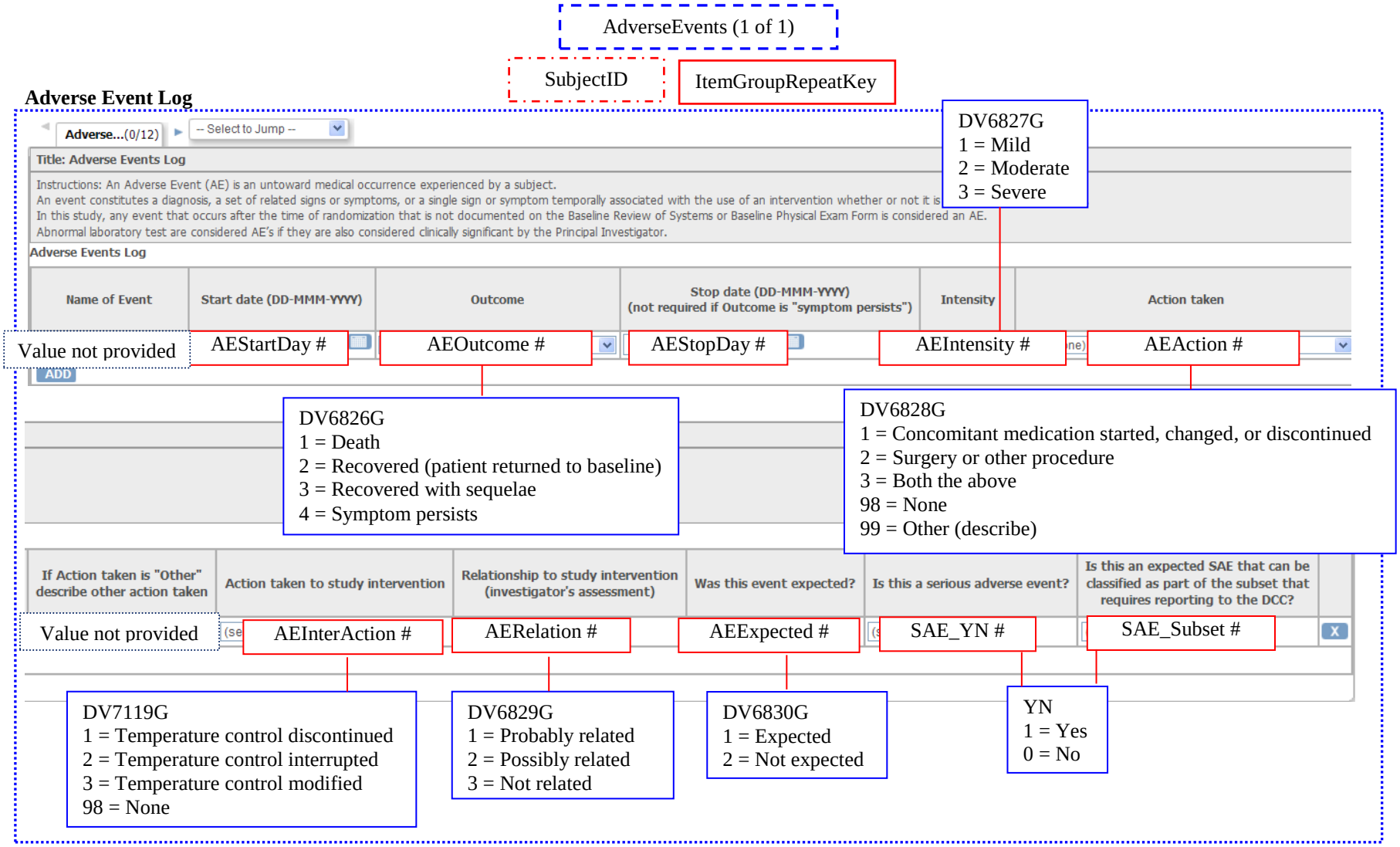
SubjectID

Day 8
Day 9
Day 10



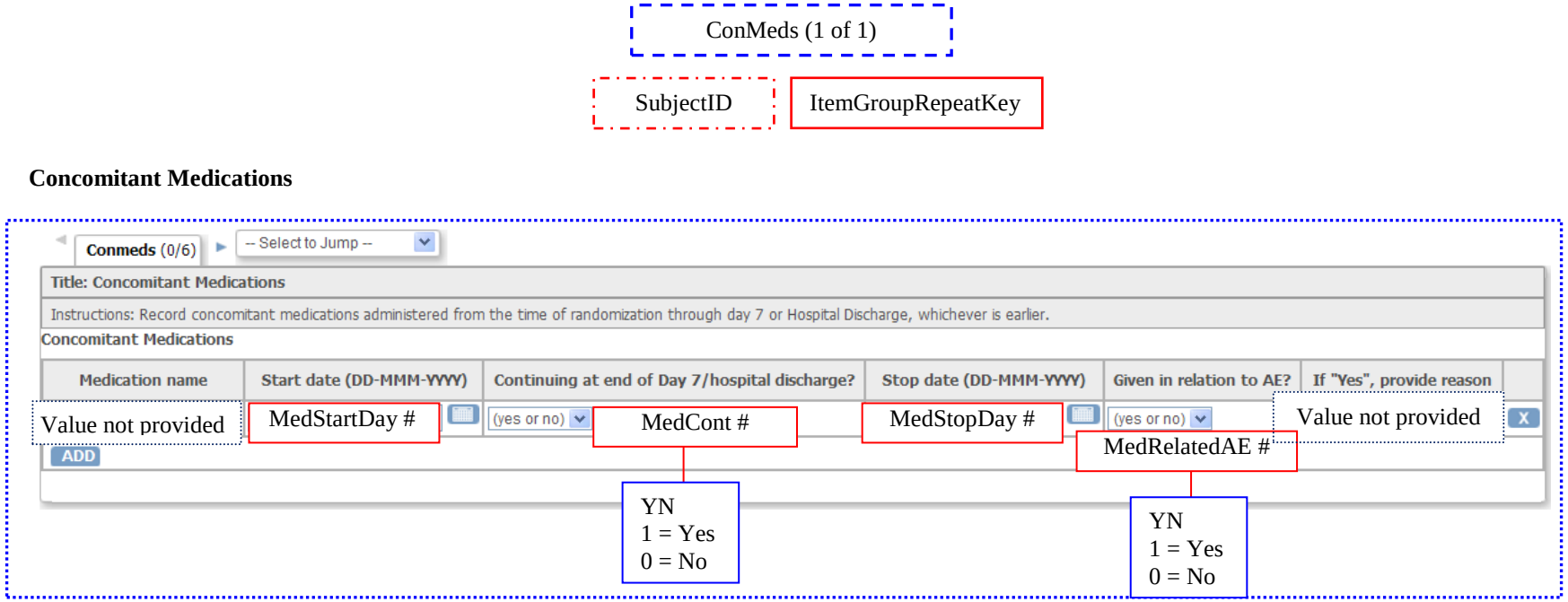
YN
1 = Yes
0 = No

DV6822G
1 = Axillary
2 = Tympanic
3 = Rectal
4 = Esophageal
5 = Bladder
6 = Oral
7 = ECMO Blood/Circuit
95 = Other



Derived variables included in the AdverseEvents dataset:

Variable	Format	Type	Label	Algorithm / Notes
aelltcode		#	MedDRA Lower Term ID Number	Verbatim terms were coded using MedDRA version 13
aellt		$	MedDRA Lower Level Term	
aesoc		$	MedDRA System Organ Class	



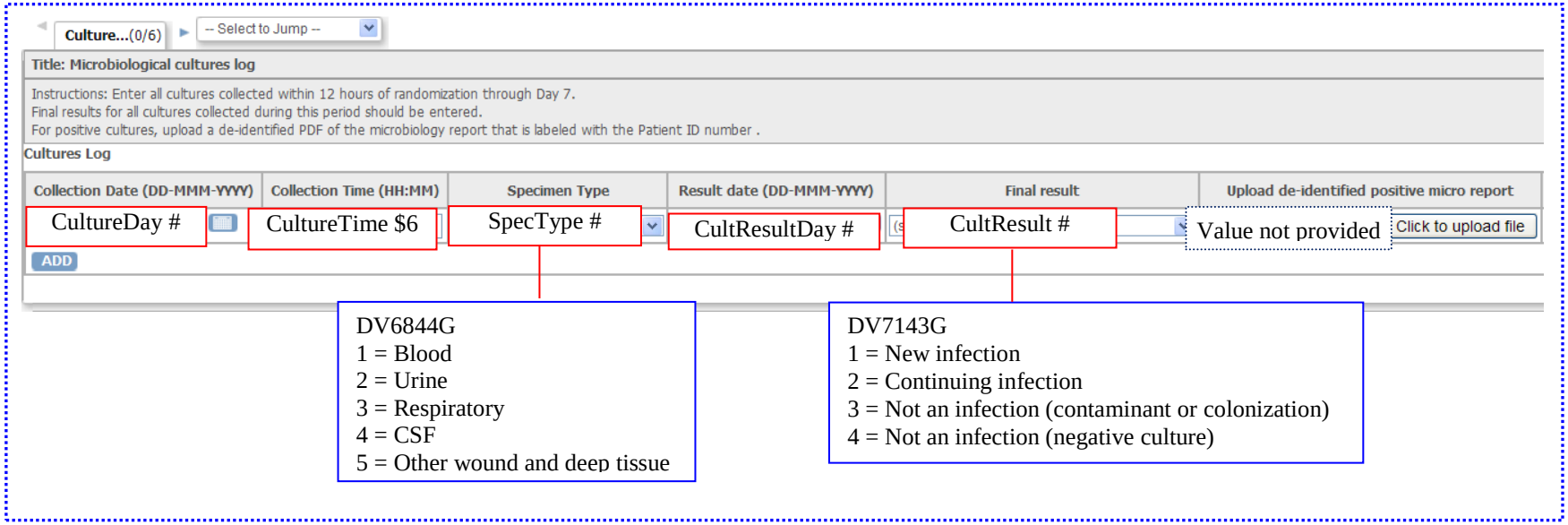
Derived variables included in the ConMeds dataset:

Variable	Format	Type	Label	Algorithm / Notes
codedmedname		$	Coded Medication Name	
code		$	RxNorm Code	Verbatim terms were coded using RxNorm version 02/01/2010

CultureLog (1 of 1)

SubjectID | ItemGroupRepeatKey

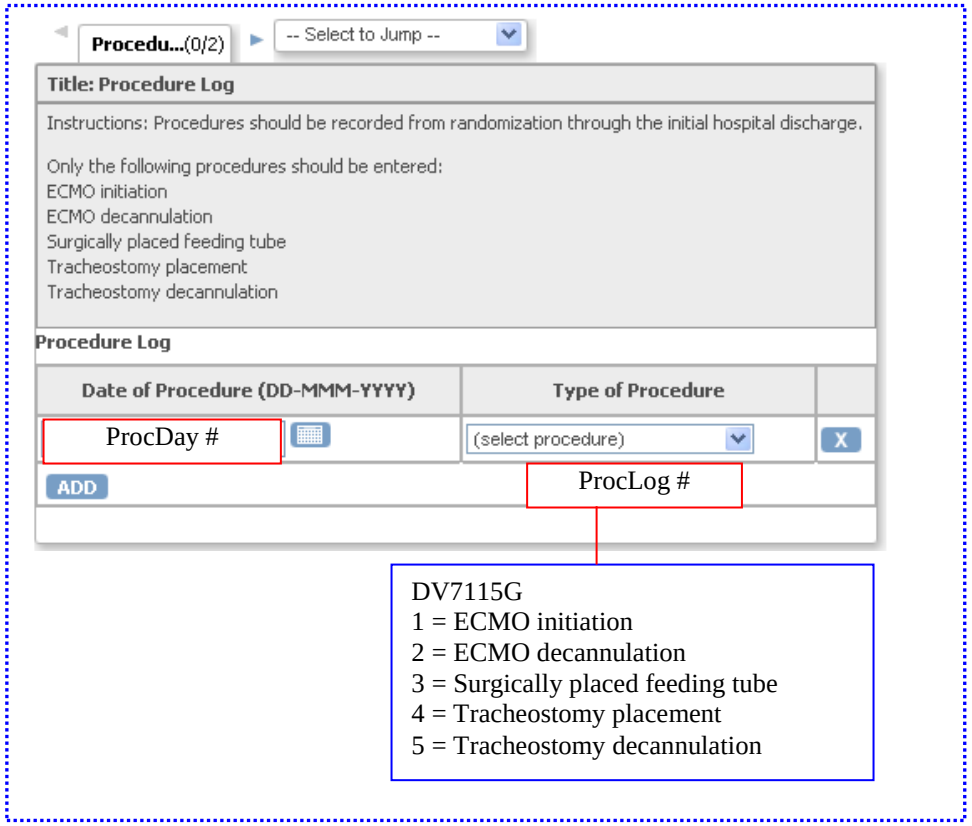
Culture Log



ProcedureLog (1 of 1)

SubjectID | ItemGroupRepeatKey

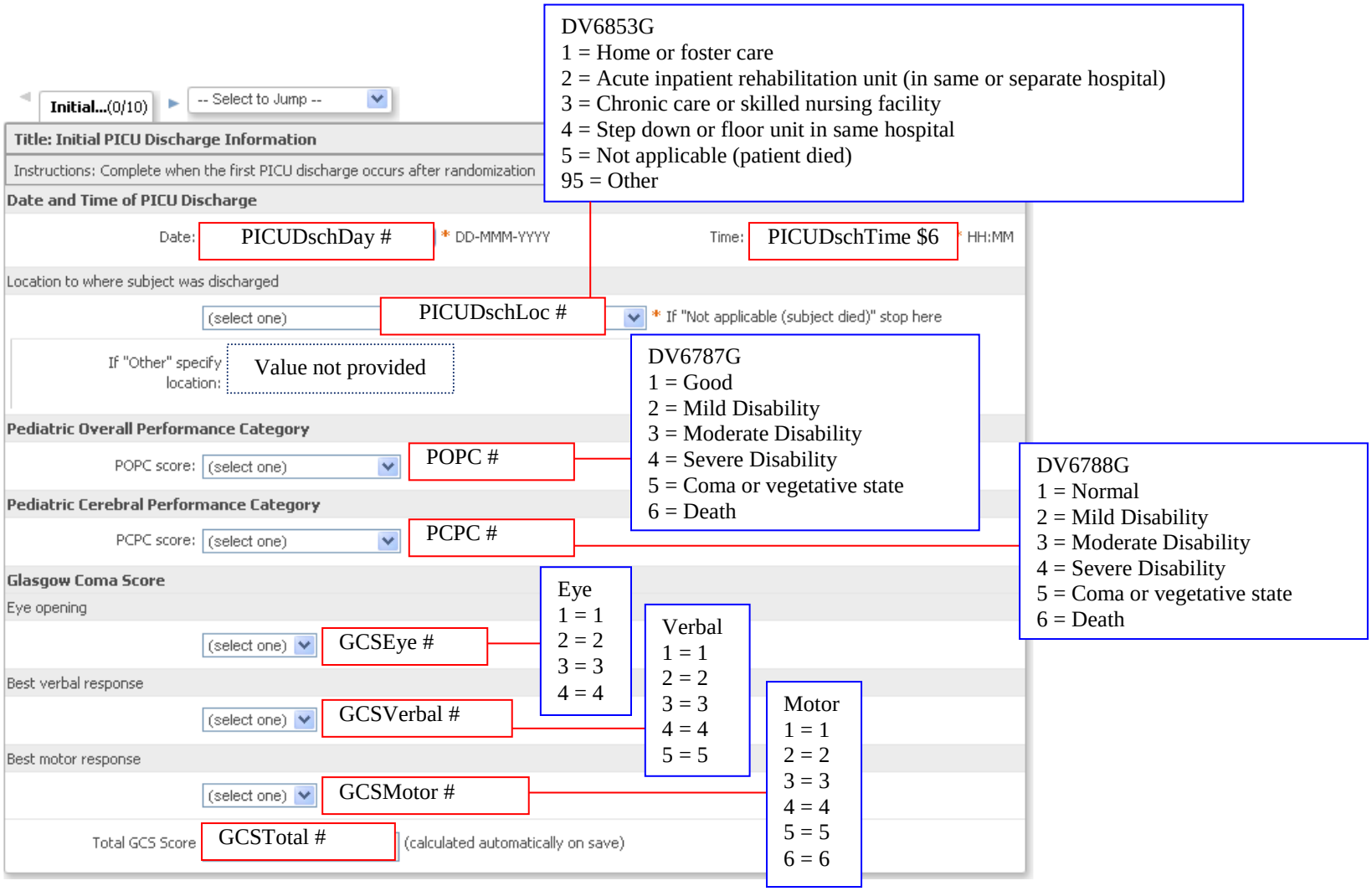
Procedure Log



PICUDischarge (1 of 1)

SubjectID

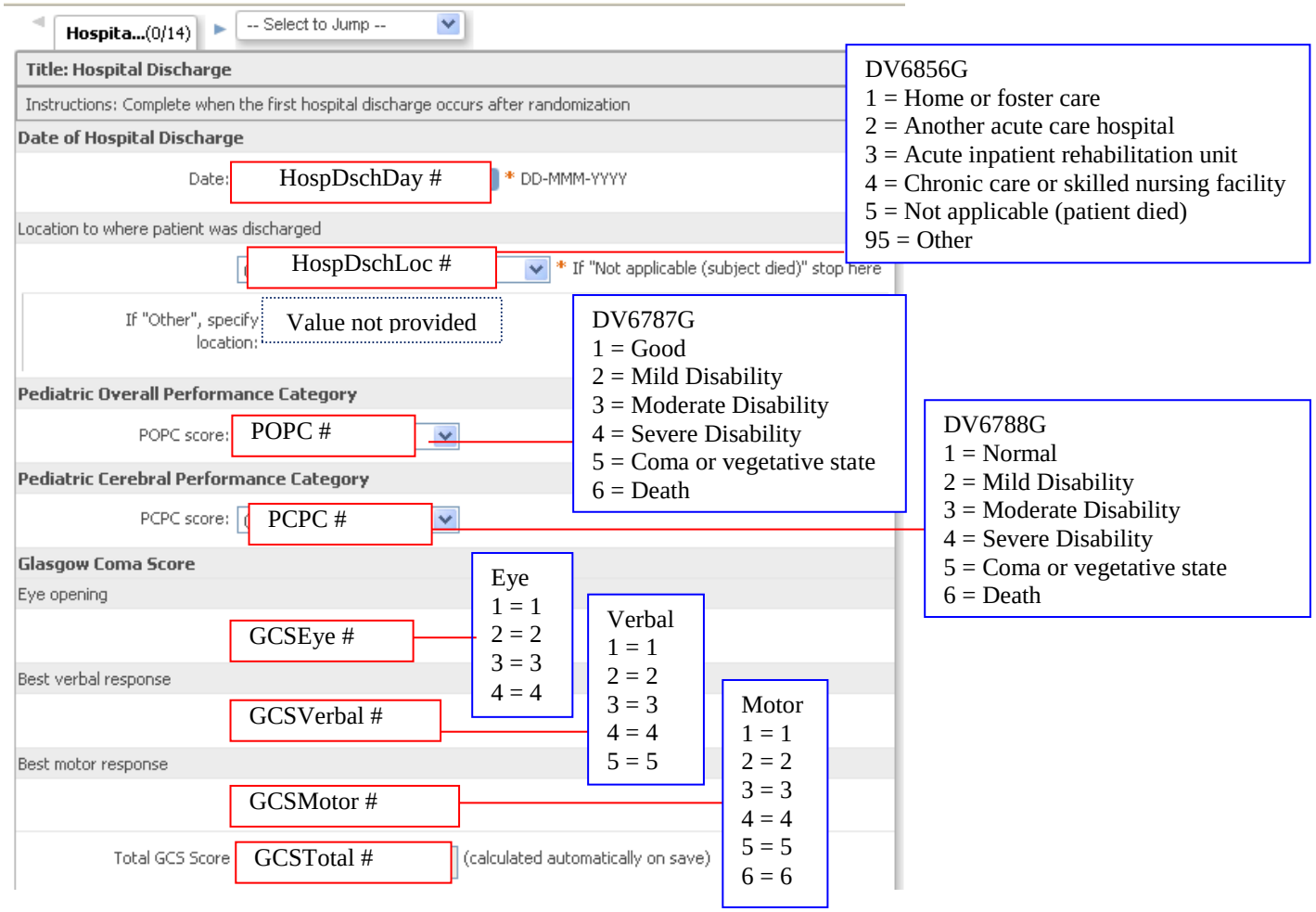
Initial PICU Discharge



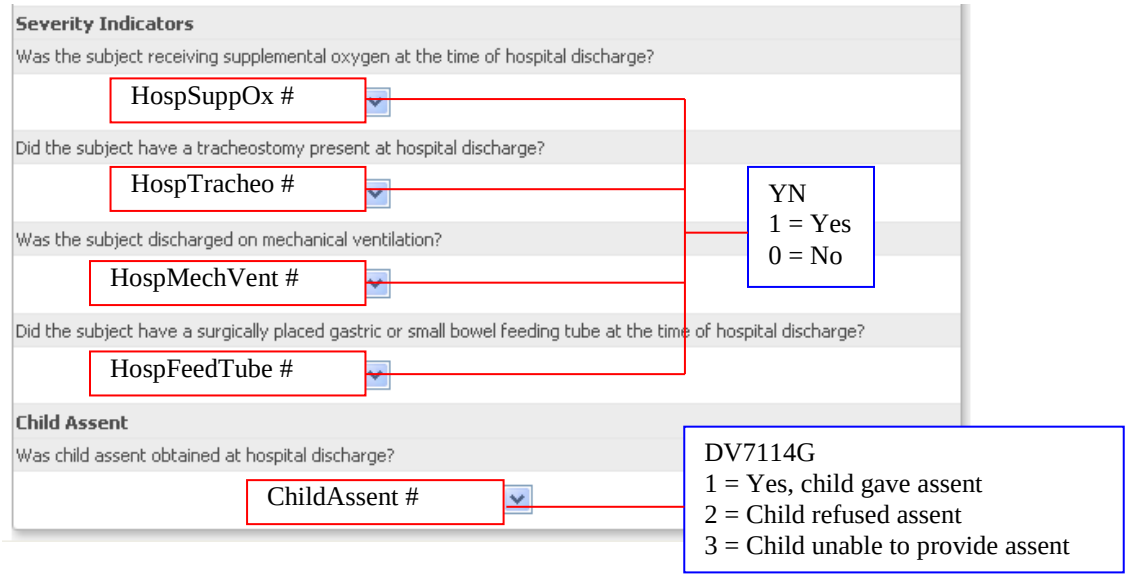
HospDischarge (1 of 2)

SubjectID

Hospital Discharge



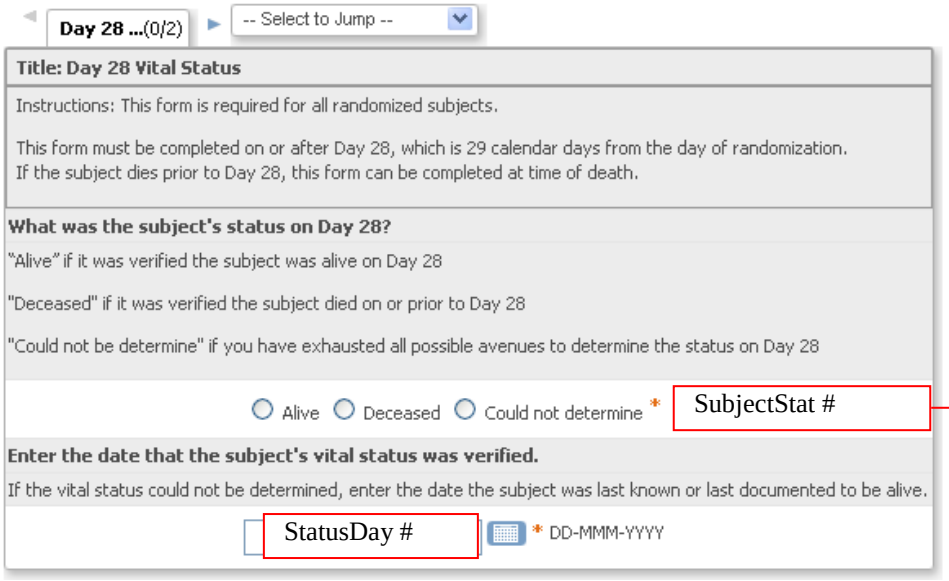
HospDischarge (2 of 2)



Day28VitalStatus (1 of 1)

SubjectID

Day 28 Vital Status

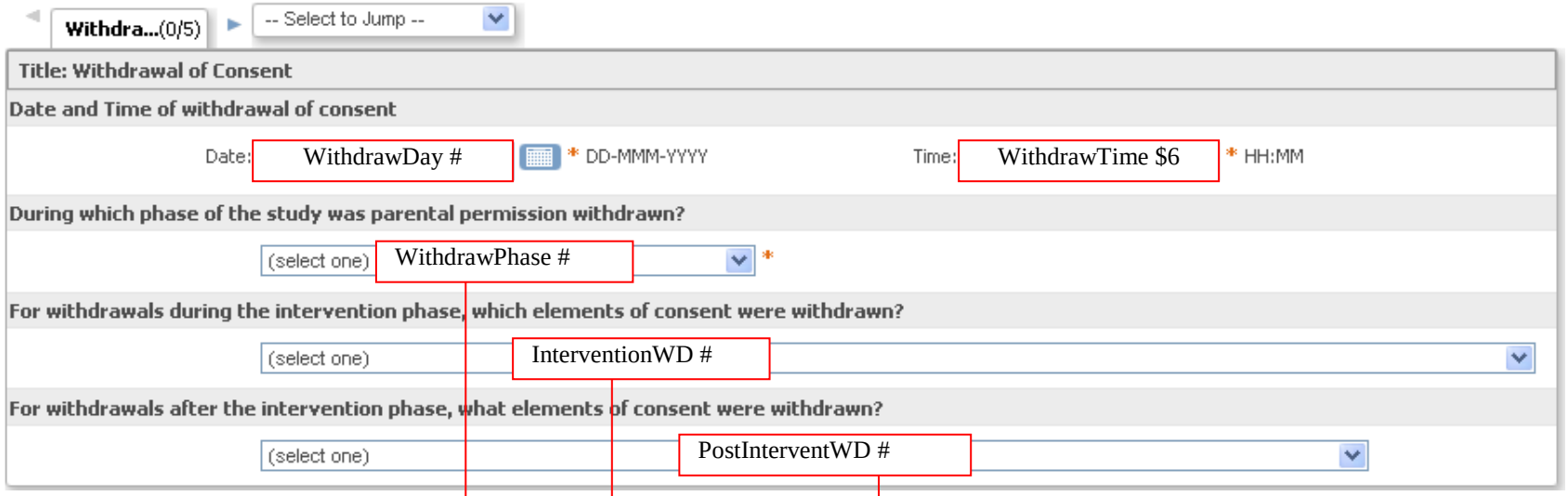


DV6850G
1 = Alive
2 = Deceased (complete death form)
3 = Could not determine

Withdrawal (1 of 1)

SubjectID

Withdrawal of Consent



DV7152G
1 = Intervention phase
2 = Post-intervention pre-discharge
3 = Prior to Month 3 Follow-up (after hospital discharge)
4 = Prior to Month 12 Follow-up (after Month 3 Follow-up)

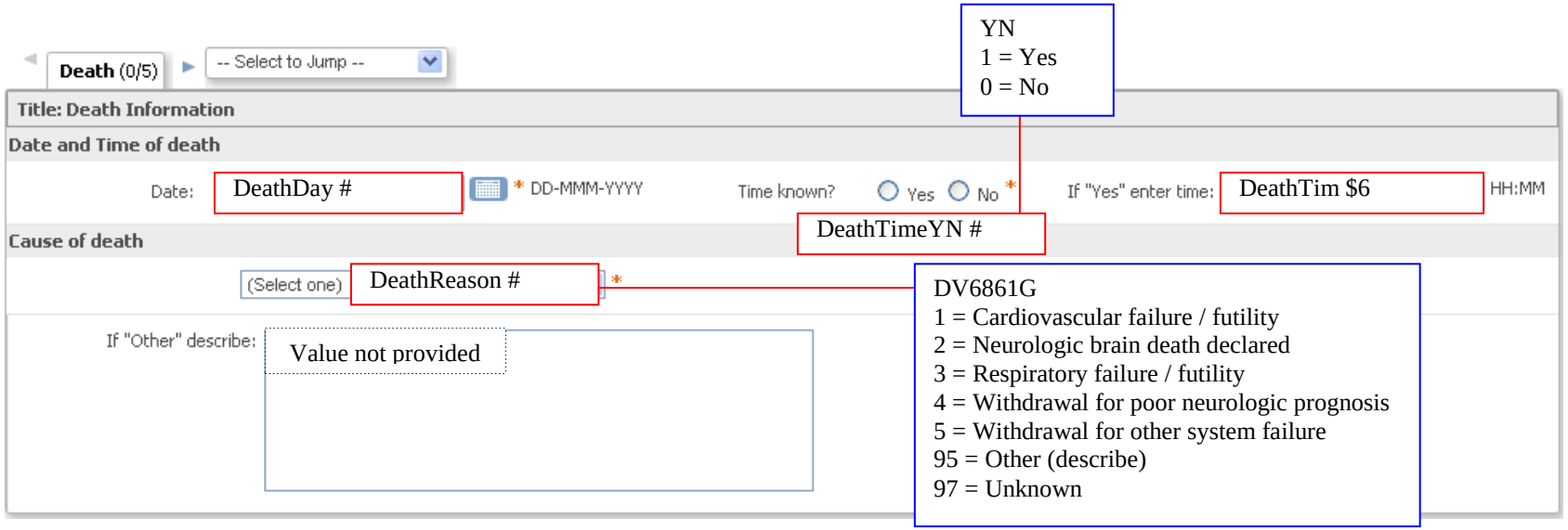
DV7151G
1 = Parent withdrew permission to participate in study assessments, but agrees to data collection through Month 12 (end of study)
2 = Parent withdrew permission to participate in study assessments, data collection and any contact or follow-up

DV7131G
1 = Parent withdrew permission from intervention only, but agrees to continue study assessments and data collection through Month 12 (end of study)
2 = Parent withdrew permission to participate in study intervention and assessments, but agrees to data collection through Month 12 (end of study)
3 = Parent withdrew permission to participate in study intervention, assessments, data collection and any contact or follow-up

DeathInfo (1 of 1)

SubjectID

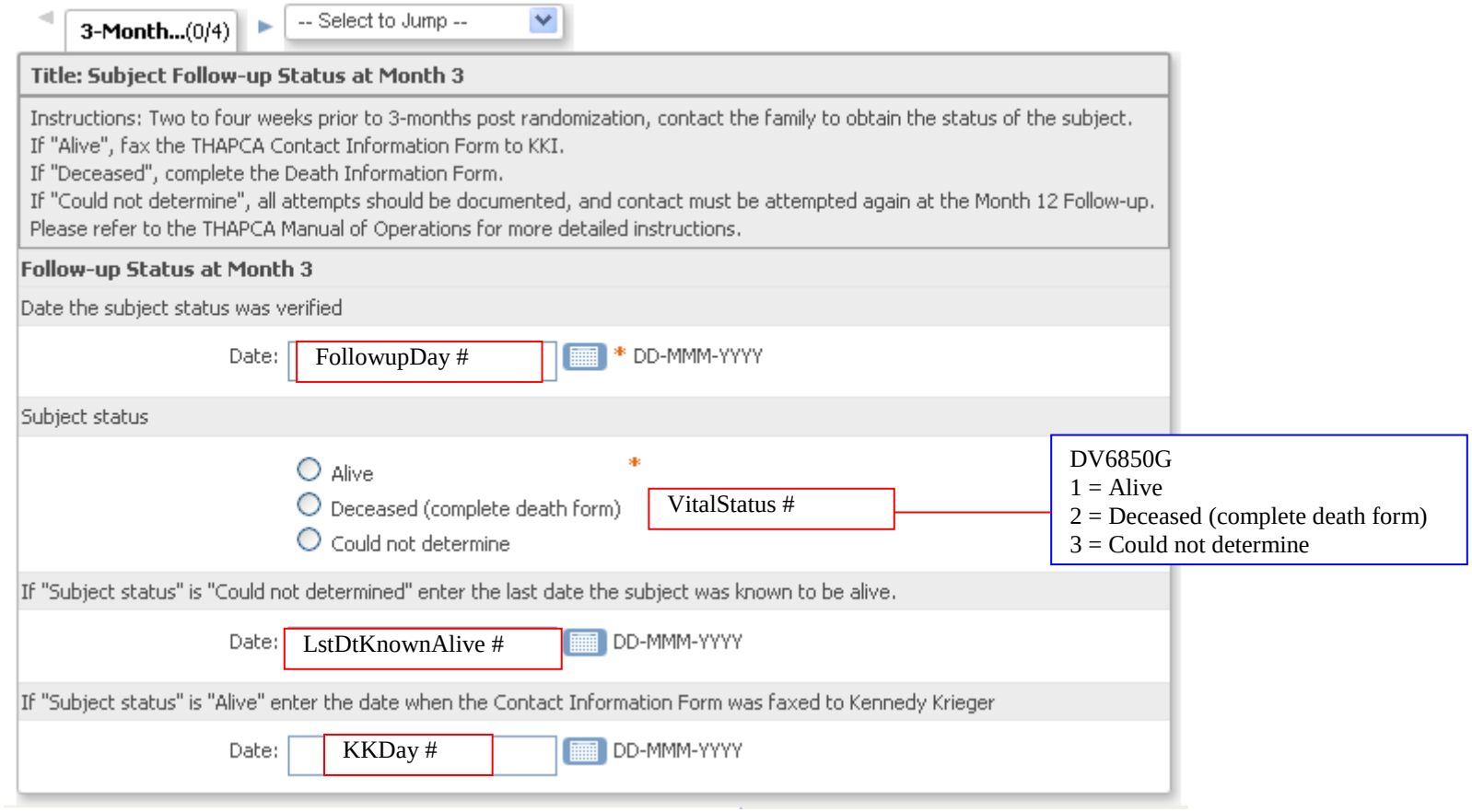
Death Information



Month3Status (1 of 1)

SubjectID

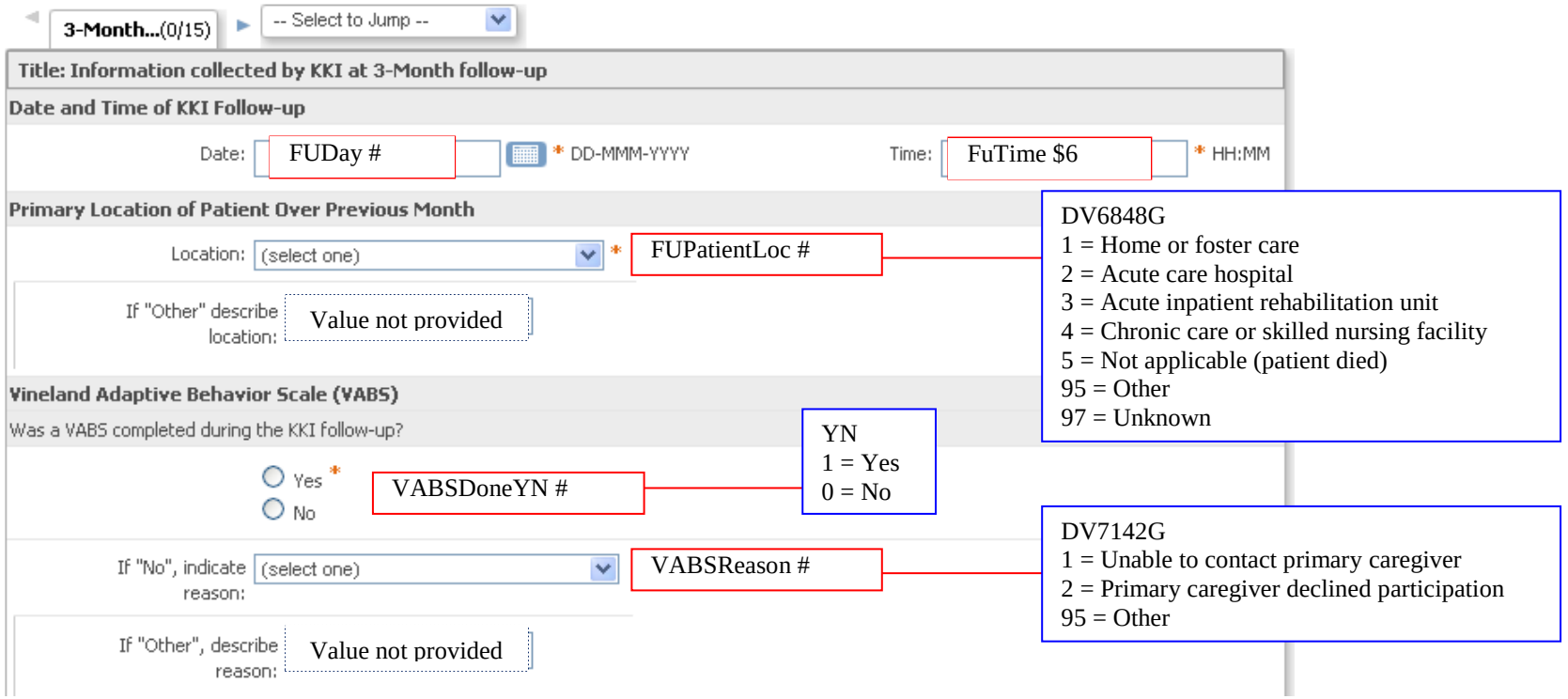
3-Month Follow-up Status



Month3KKI (1 of 2)

SubjectID

3-Month Follow-up KKI

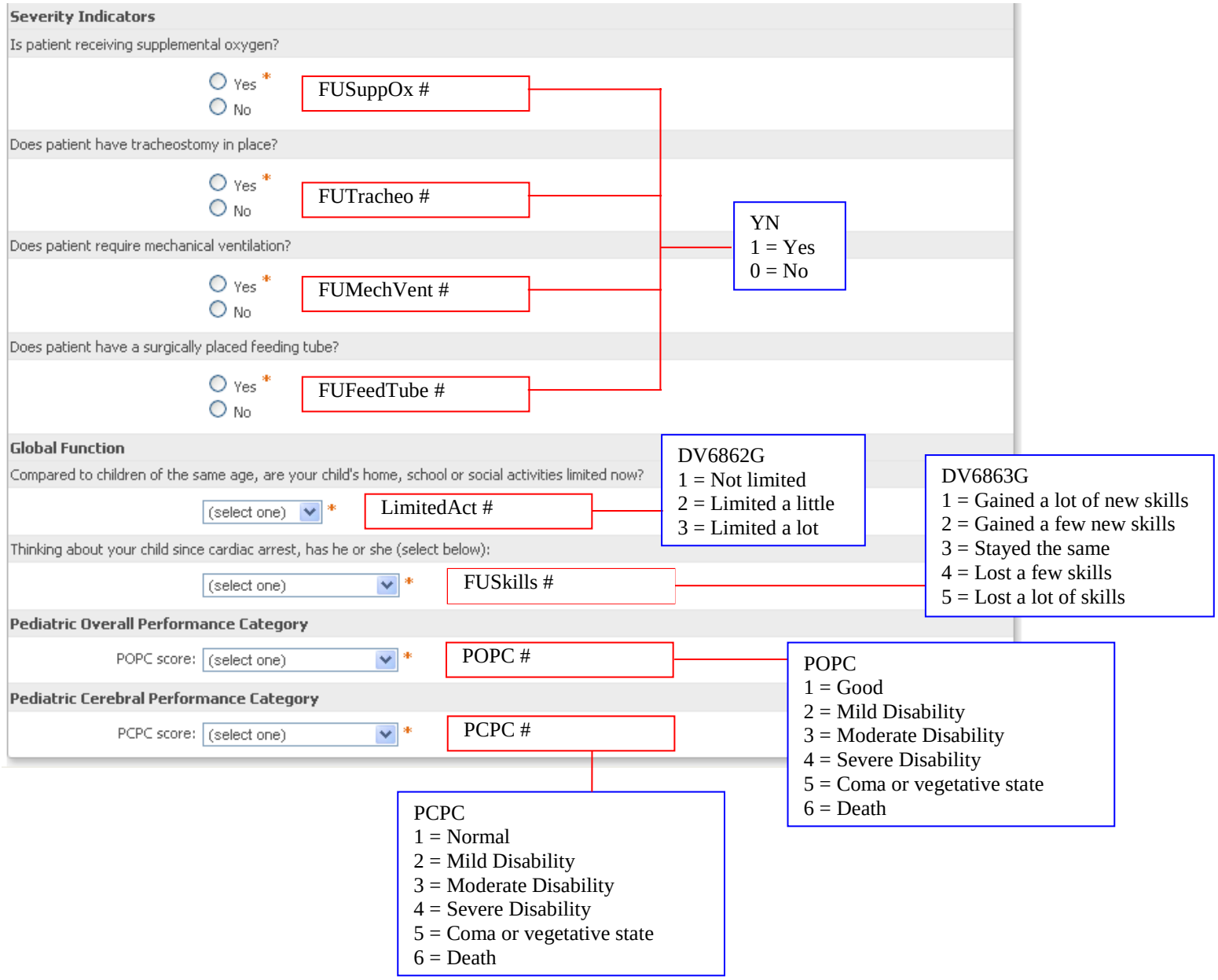


DV6848G
1 = Home or foster care
2 = Acute care hospital
3 = Acute inpatient rehabilitation unit
4 = Chronic care or skilled nursing facility
5 = Not applicable (patient died)
95 = Other
97 = Unknown

YN
1 = Yes
0 = No

DV7142G
1 = Unable to contact primary caregiver
2 = Primary caregiver declined participation
95 = Other

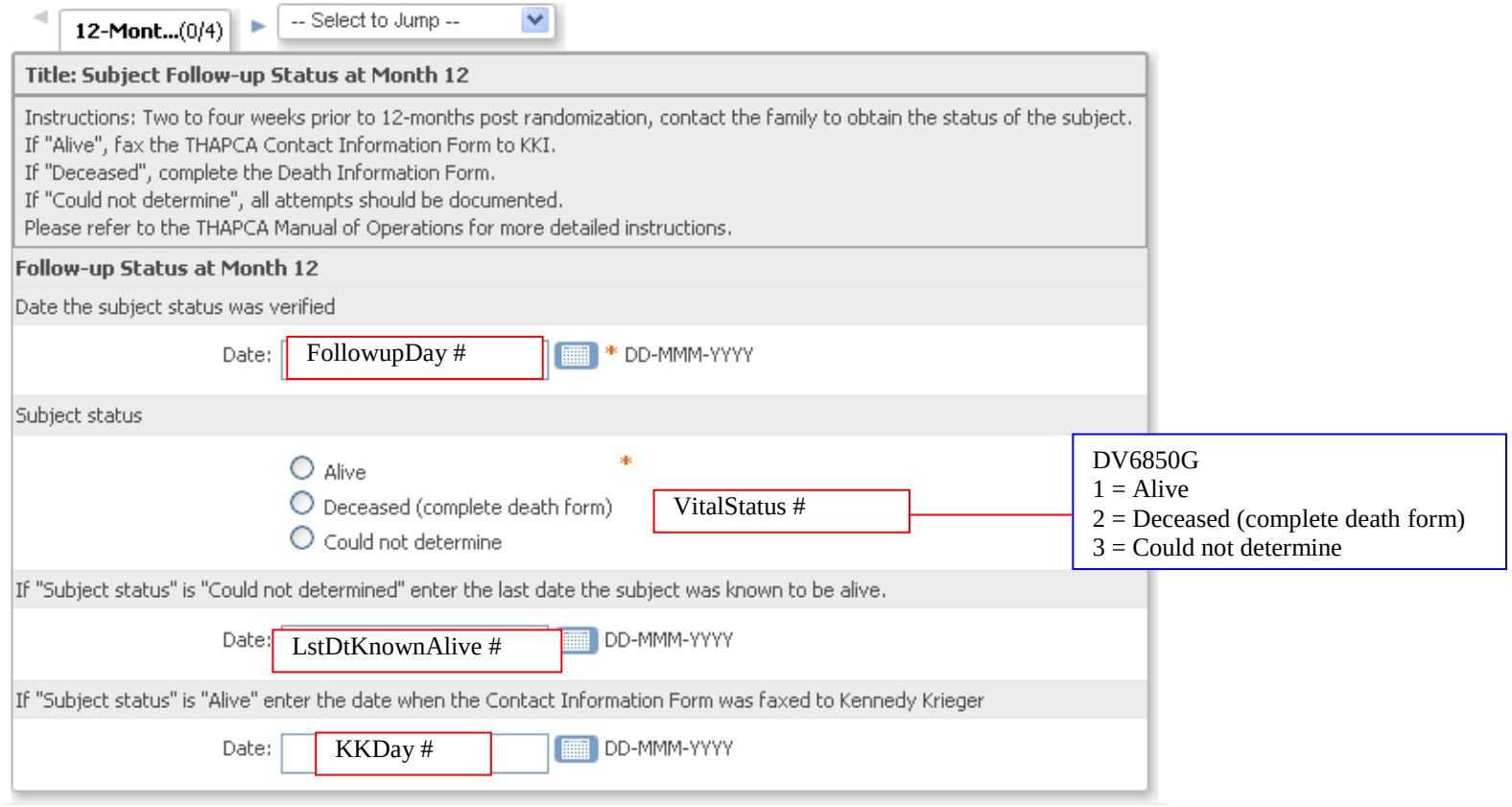
Month3KKI (2 of 2)



Month12Status (1 of 1)

SubjectID

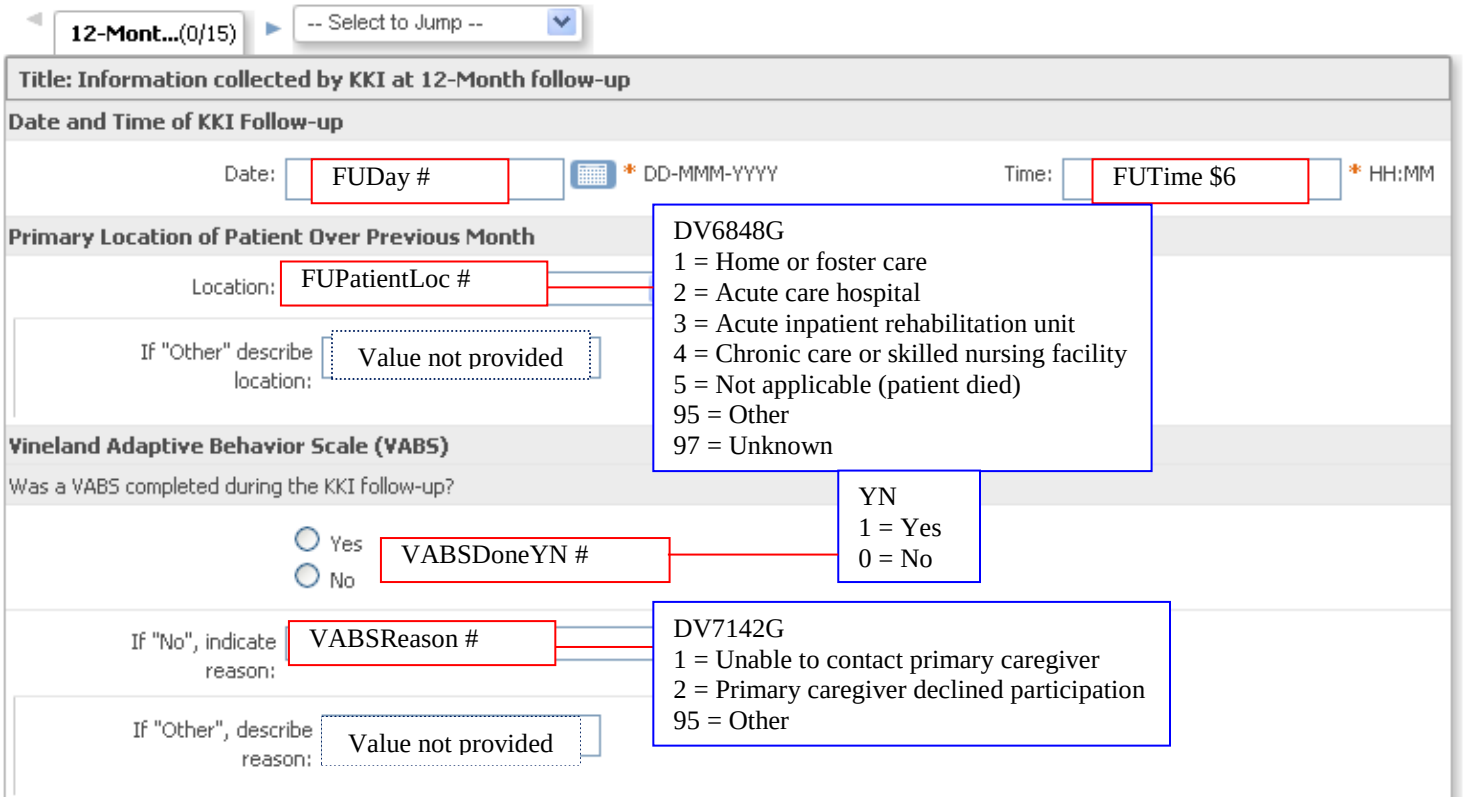
12-Month Follow-up Status



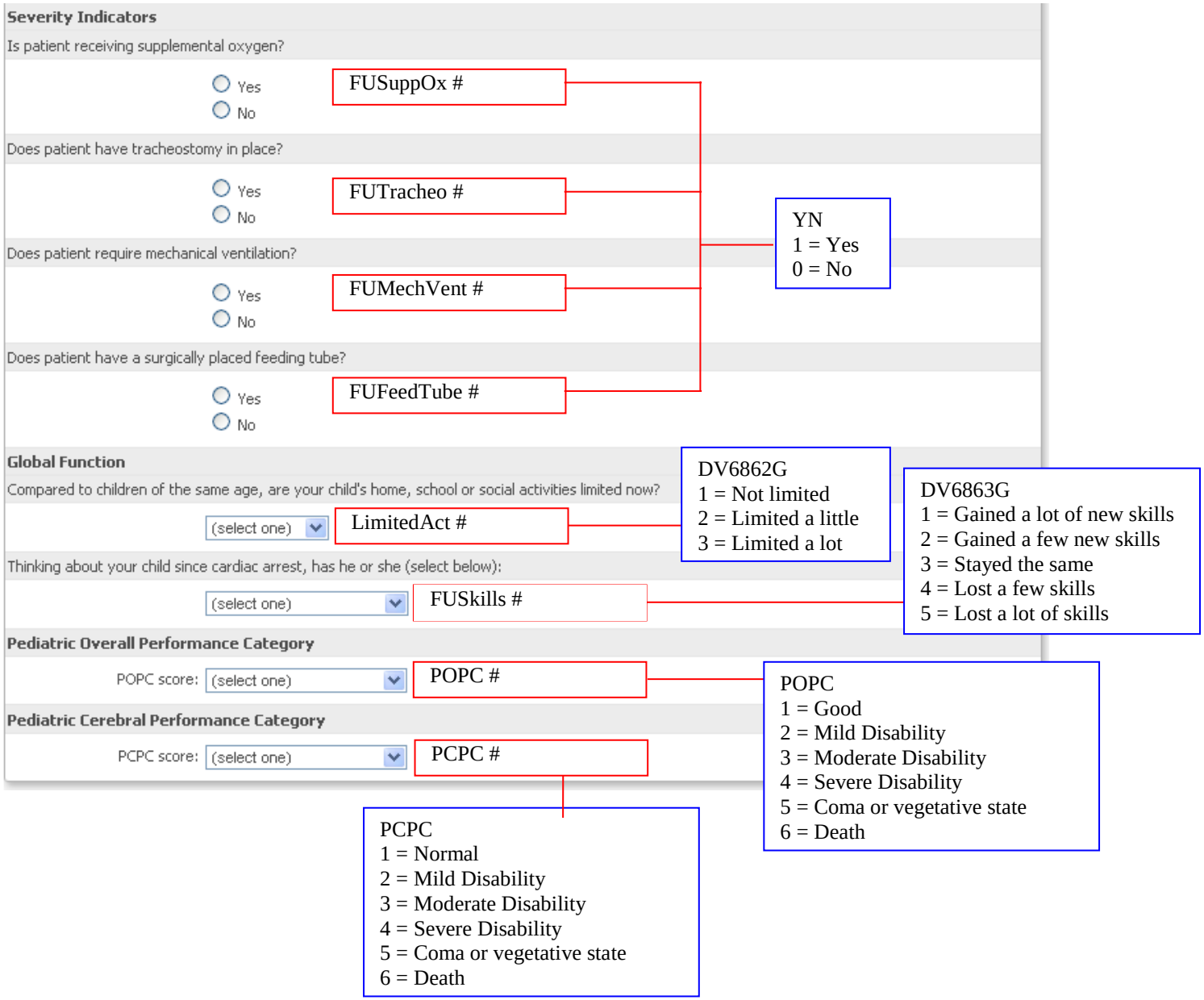
Month12KKI (1 of 2)

SubjectID

12-Month Follow-up KKI



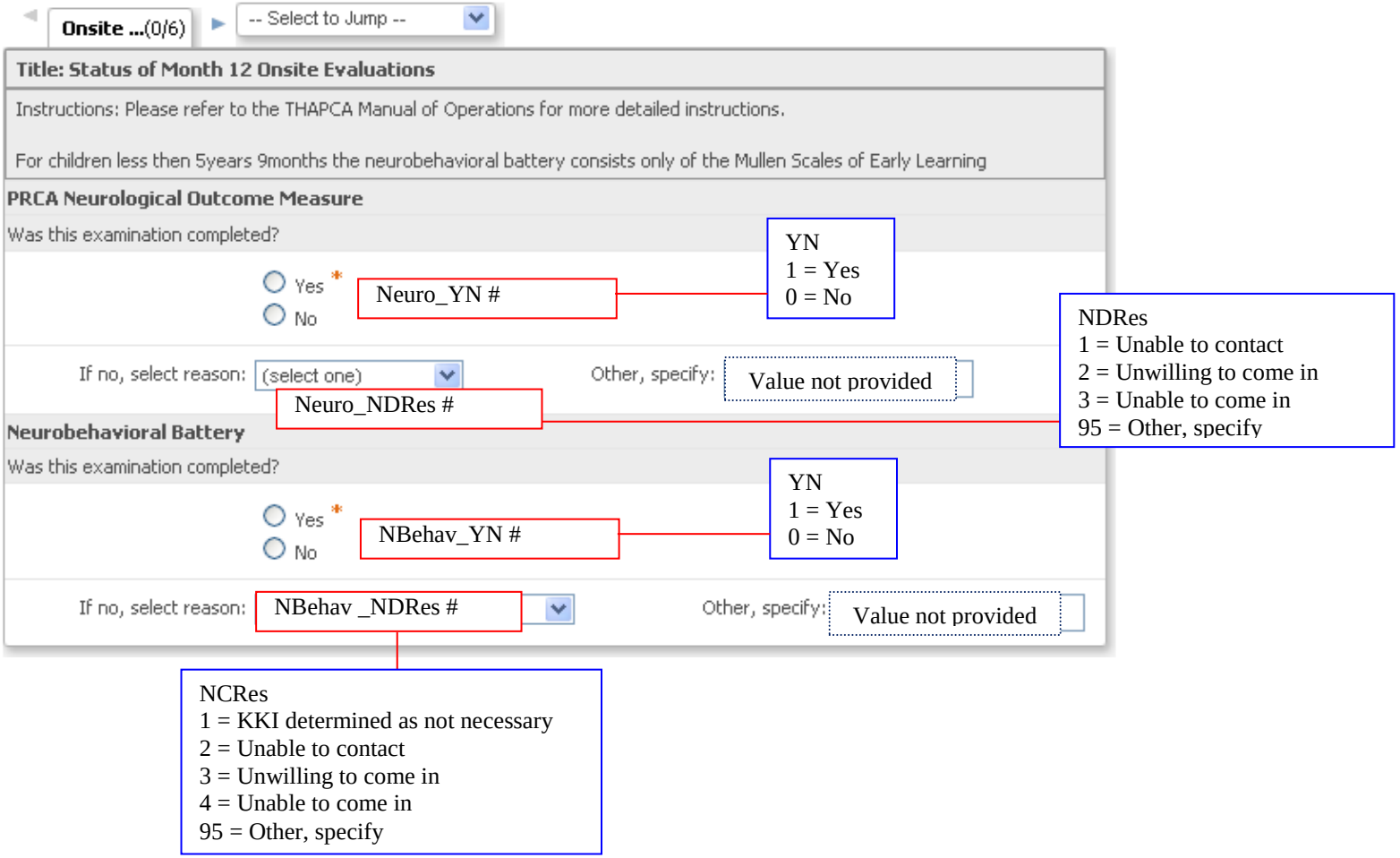
Month12KKI (2 of 2)



Month12OnSite (1 of 1)

SubjectID

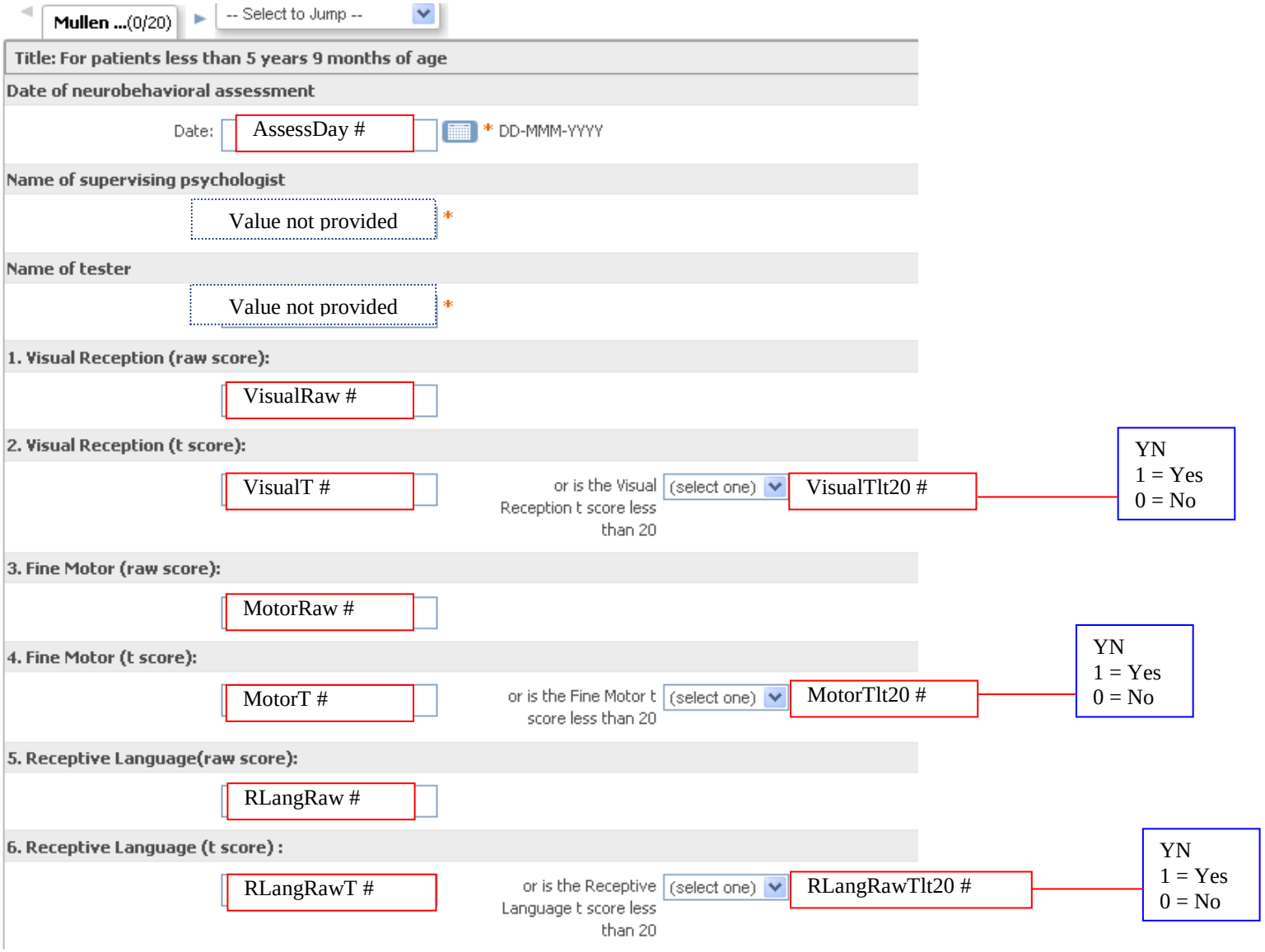
12-Month Follow-up Onsite Evaluations



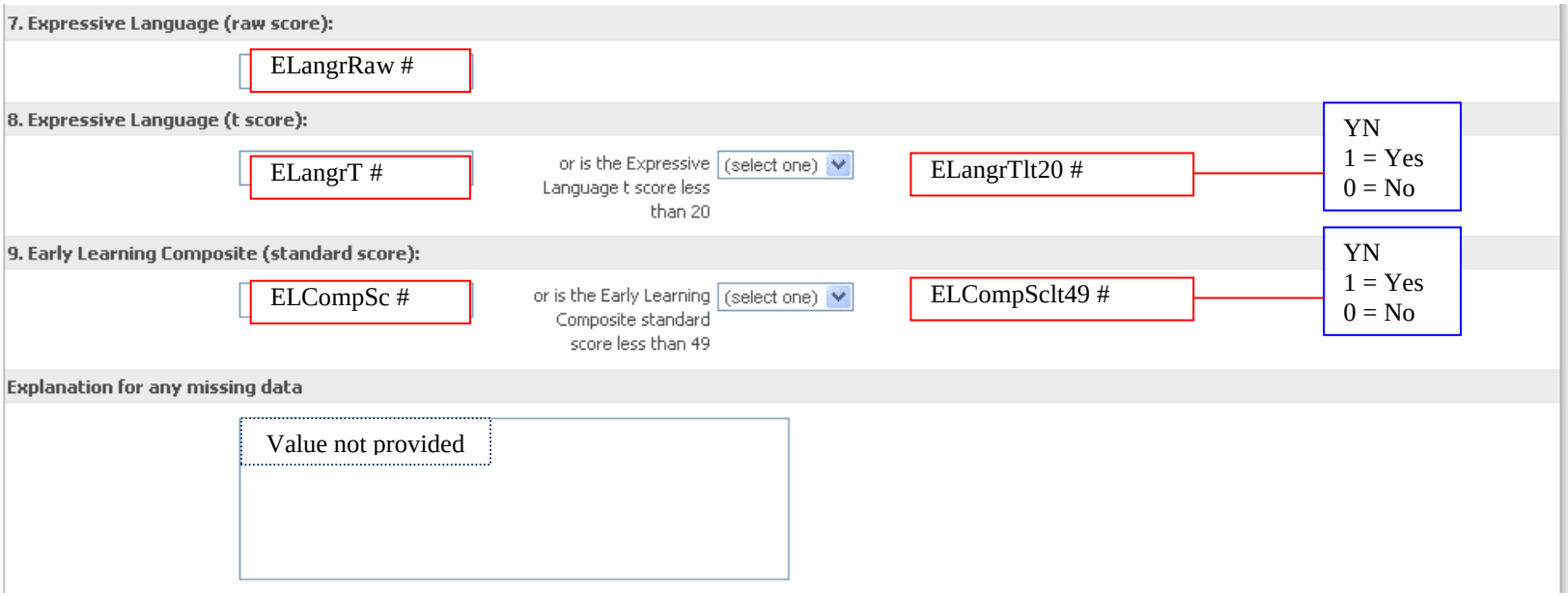
NeuroBatlt6 (1 of 2)

SubjectID

Neurobehavioral Battery lt 5yo 9months



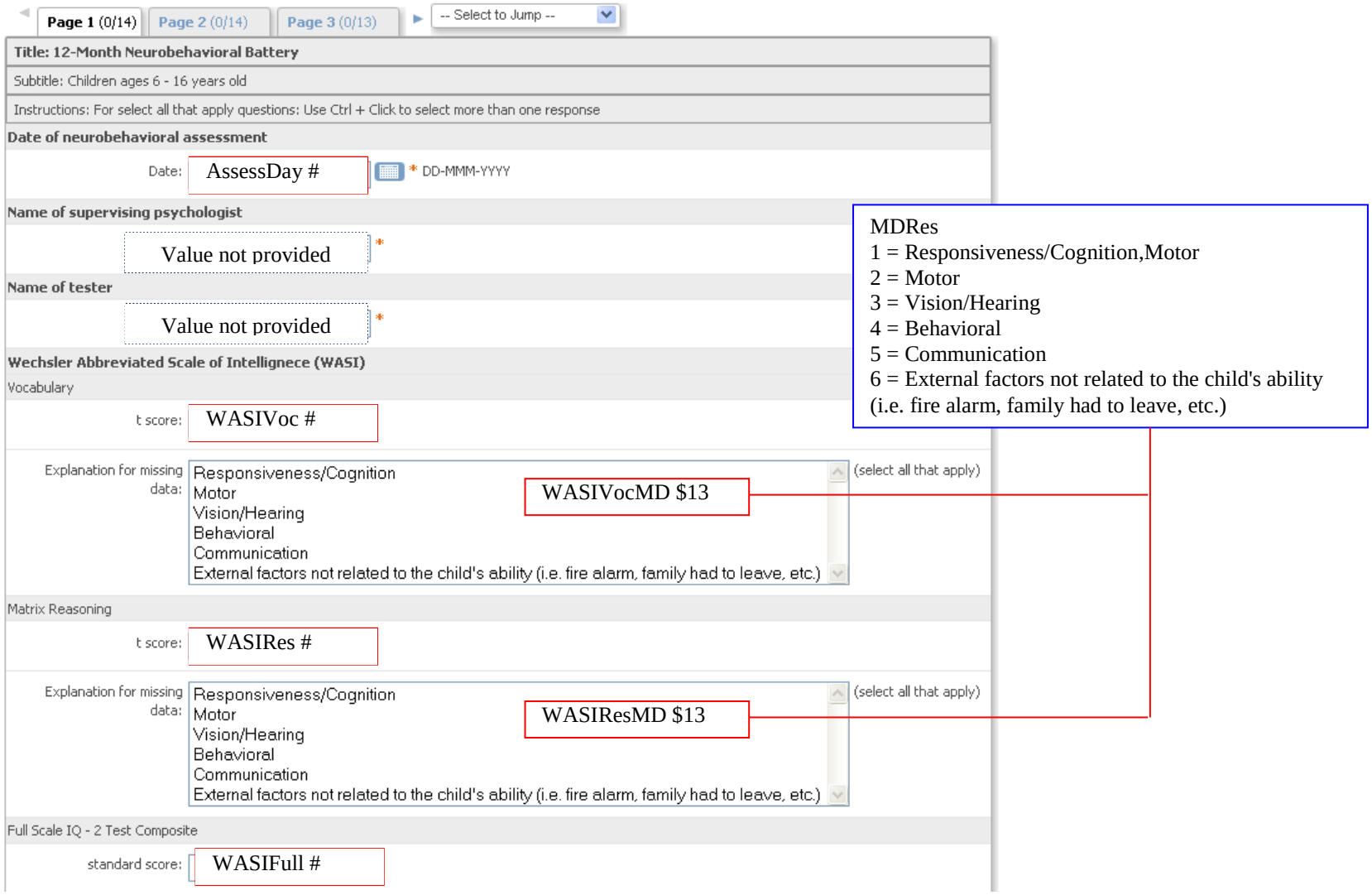
NeuroBatlt6 (2 of 2)



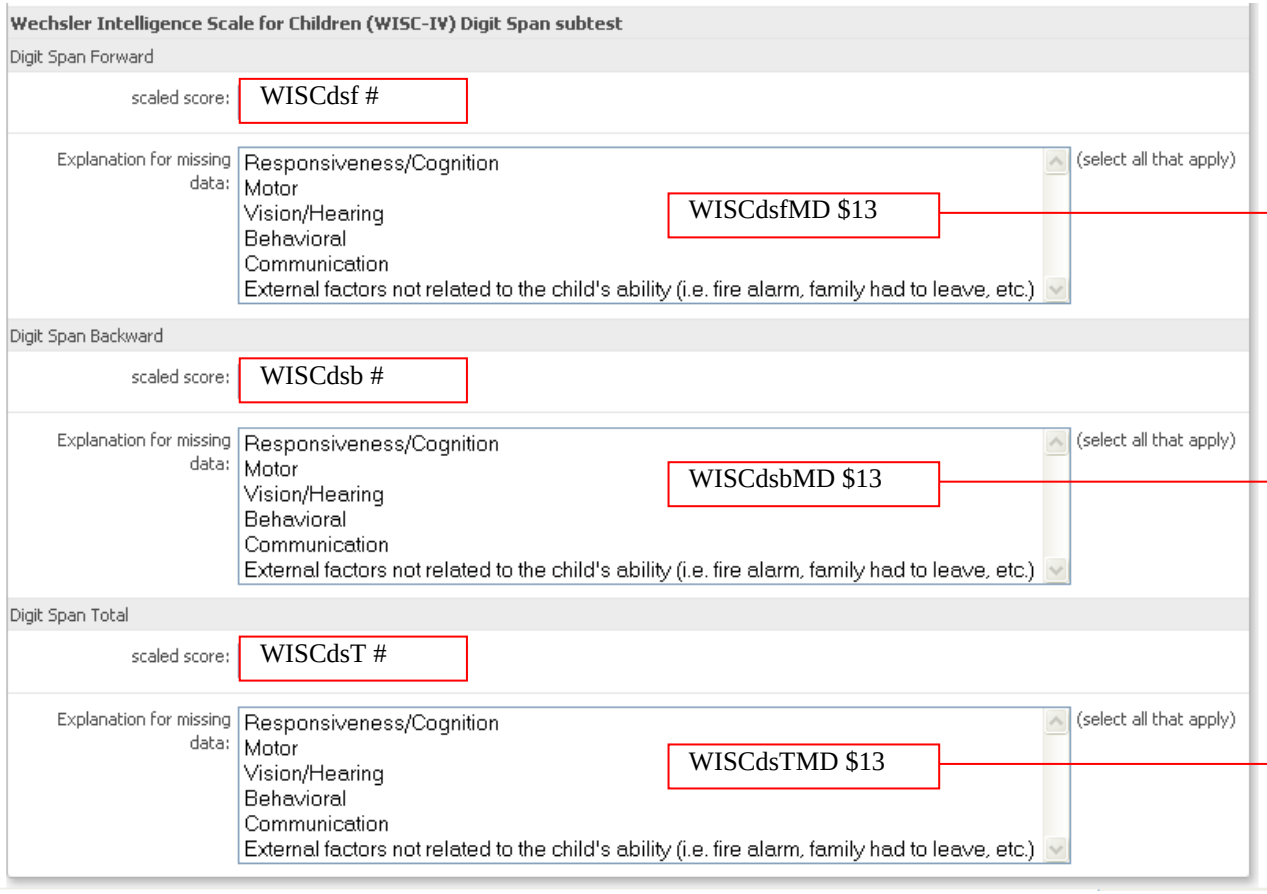
NeuroBat6to16 (1 of 7)

SubjectID

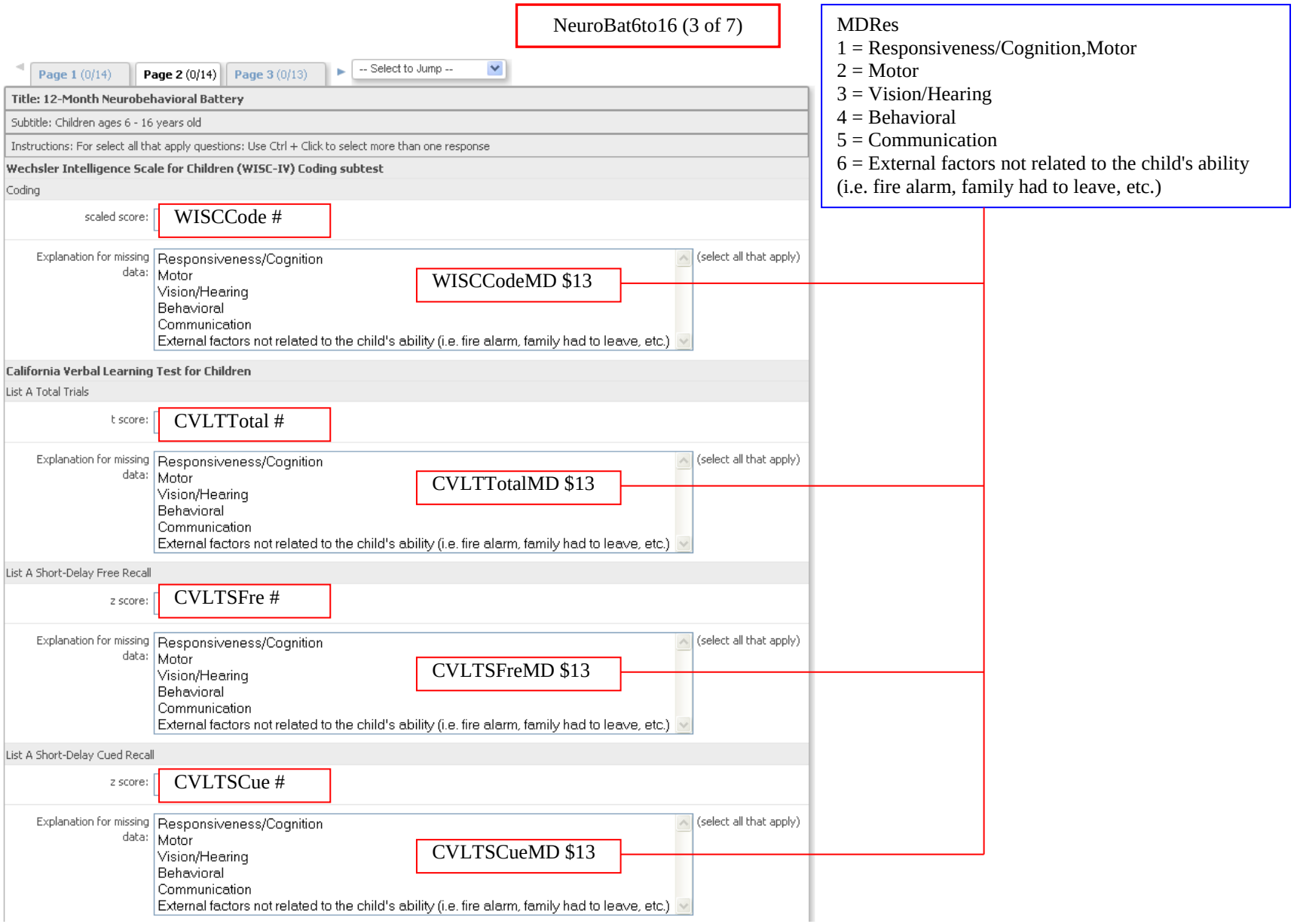
Neurobehavioral Battery 6-16yo



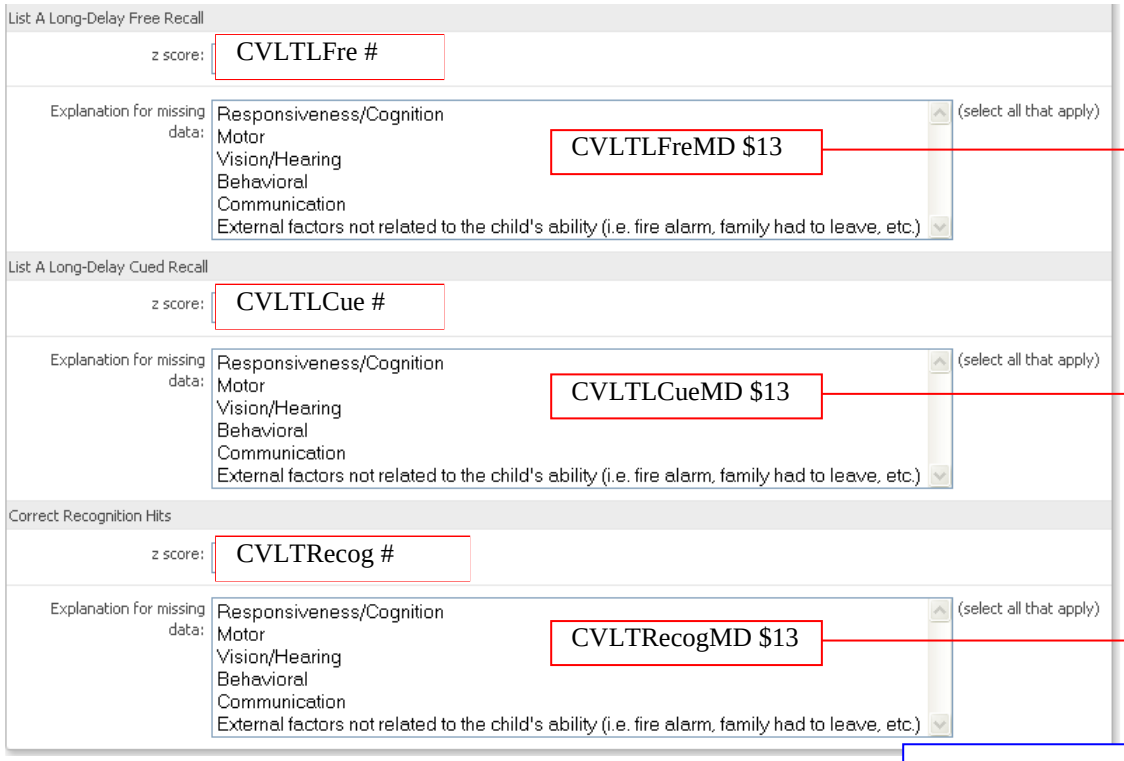
NeuroBat6to16 (2 of 7)



MDRes
1 = Responsiveness/Cognition,Motor
2 = Motor
3 = Vision/Hearing
4 = Behavioral
5 = Communication
6 = External factors not related to the child's ability (i.e. fire alarm, family had to leave, etc.)

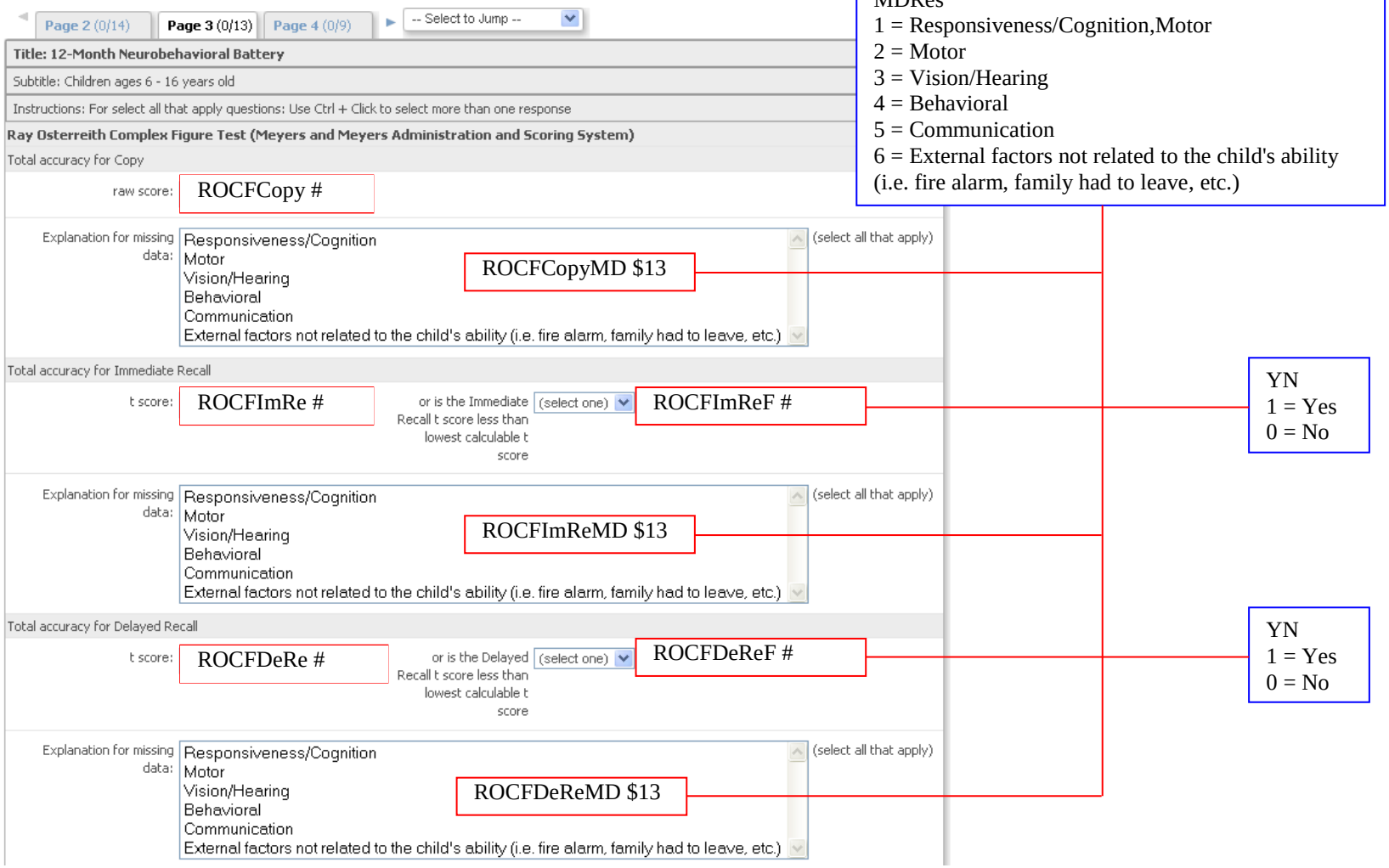

NeuroBat6to16 (3 of 7)
MDRes
1 = Responsiveness/Cognition,Motor
2 = Motor
3 = Vision/Hearing
4 = Behavioral
5 = Communication
6 = External factors not related to the child's ability
(i.e. fire alarm, family had to leave, etc.)
Page 1 (0/14)
Page 2 (0/14)
Page 3 (0/13)
-- Select to Jump --
Title: 12-Month Neurobehavioral Battery
Subtitle: Children ages 6 - 16 years old
Instructions: For select all that apply questions: Use Ctrl + Click to select more than one response
Wechsler Intelligence Scale for Children (WISC-IV) Coding subtest
Coding
scaled score:
WISCCode #
Explanation for missing data:
Responsiveness/Cognition
Motor
Vision/Hearing
Behavioral
Communication
External factors not related to the child's ability (i.e. fire alarm, family had to leave, etc.)
(select all that apply)
WISCCodeMD $13
California Verbal Learning Test for Children
List A Total Trials
t score:
CVLTTotal #
CVLTTotalMD $13
List A Short-Delay Free Recall
z score:
CVLTSFre #
CVLTSFreMD $13
List A Short-Delay Cued Recall
z score:
CVLTSCue #
CVLTSCueMD $13

NeuroBat6to16 (4 of 7)

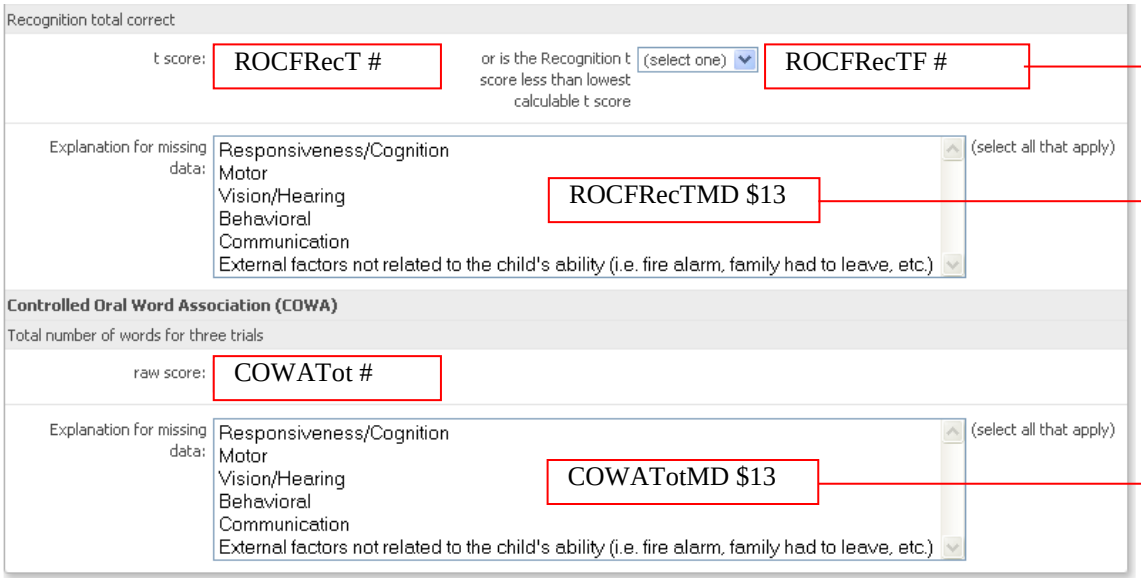


MDRes
1 = Responsiveness/Cognition,Motor
2 = Motor
3 = Vision/Hearing
4 = Behavioral
5 = Communication
6 = External factors not related to the child's ability (i.e. fire alarm, family had to leave, etc.)

NeuroBat6to16 (5 of 7)



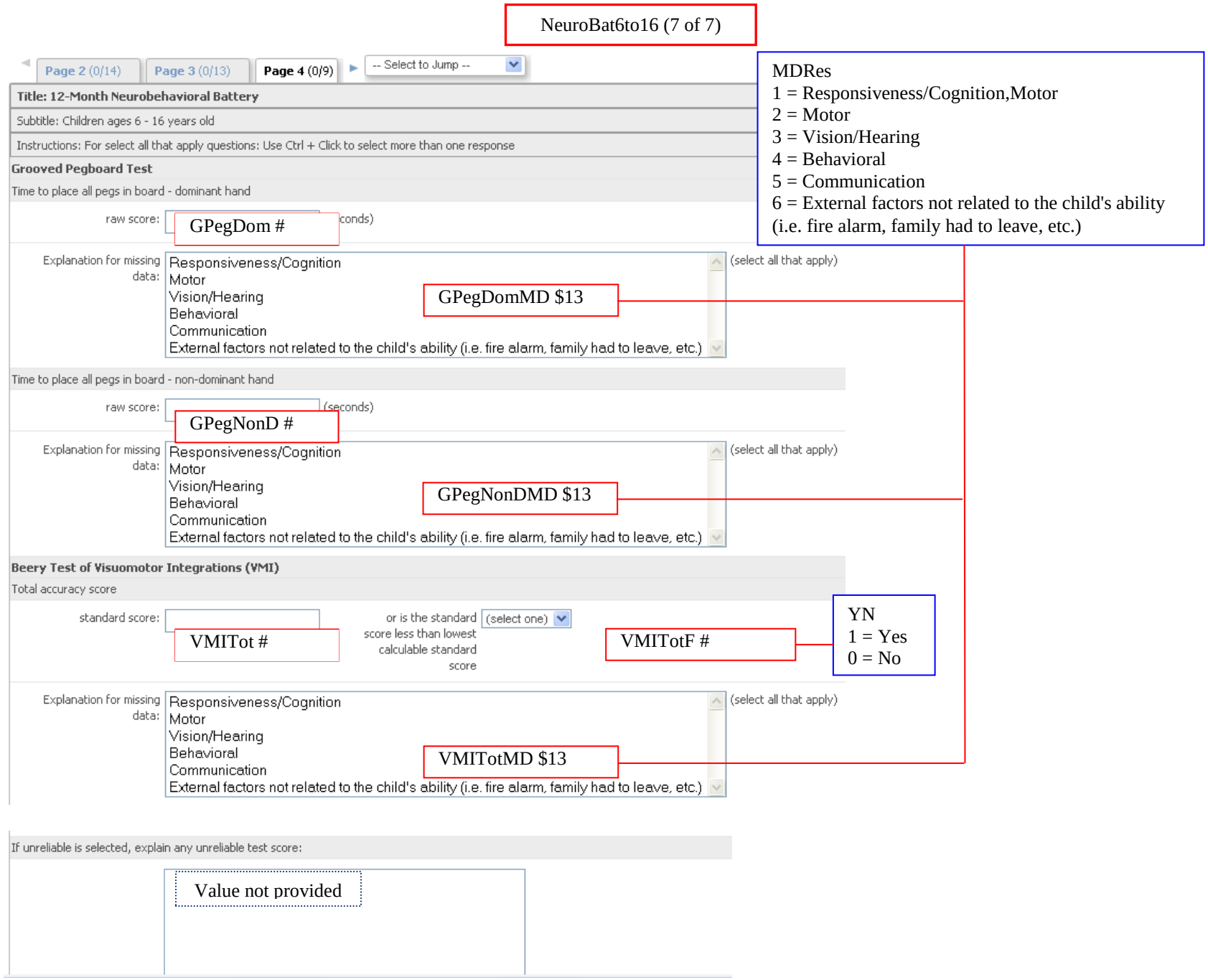
NeuroBat6to16 (6 of 7)



YN
1 = Yes
0 = No

MDRes
1 = Responsiveness/Cognition,Motor
2 = Motor
3 = Vision/Hearing
4 = Behavioral
5 = Communication
6 = External factors not related to the child's ability (i.e. fire alarm, family had to leave, etc.)

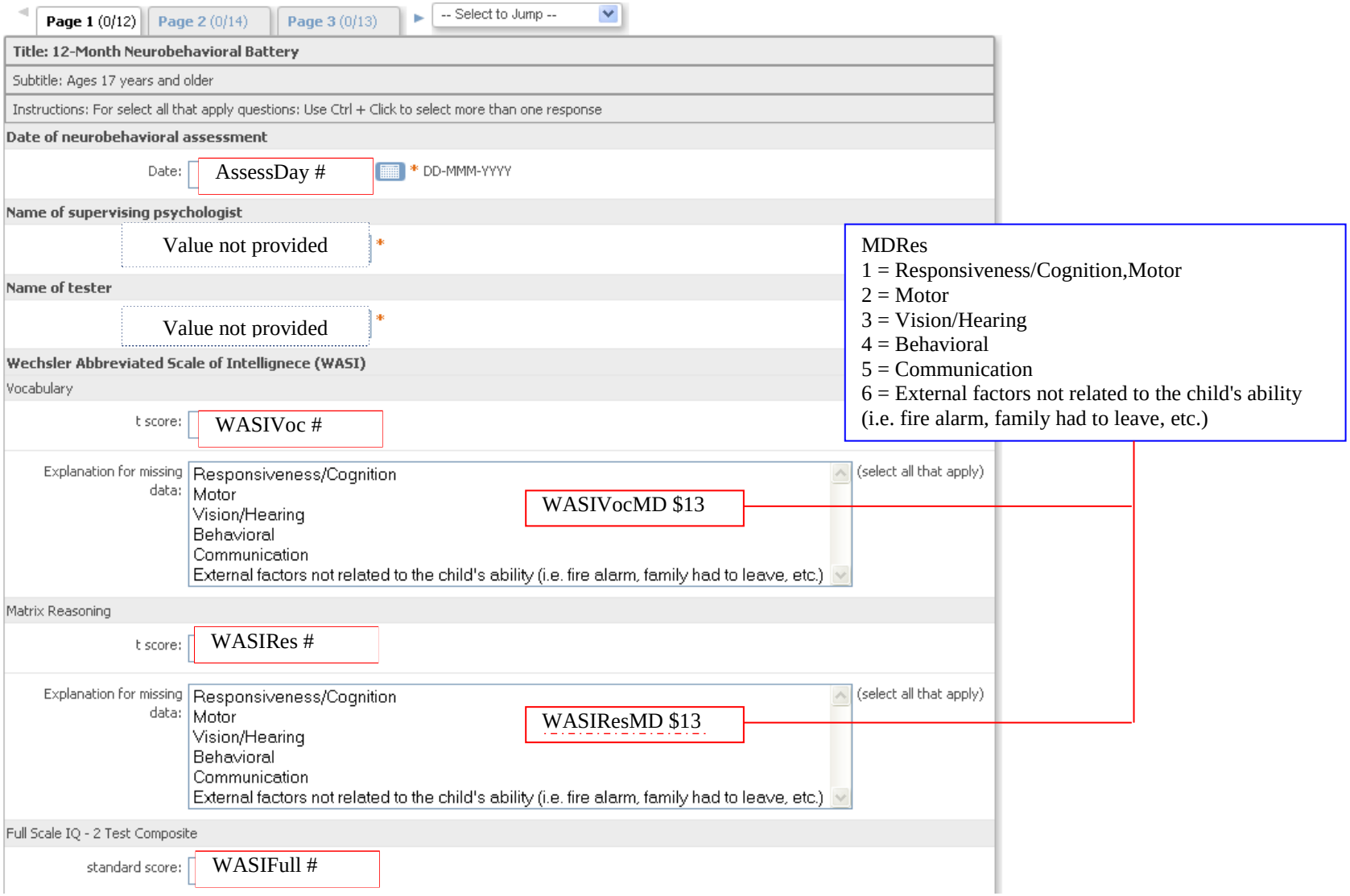
NeuroBat6to16 (7 of 7)



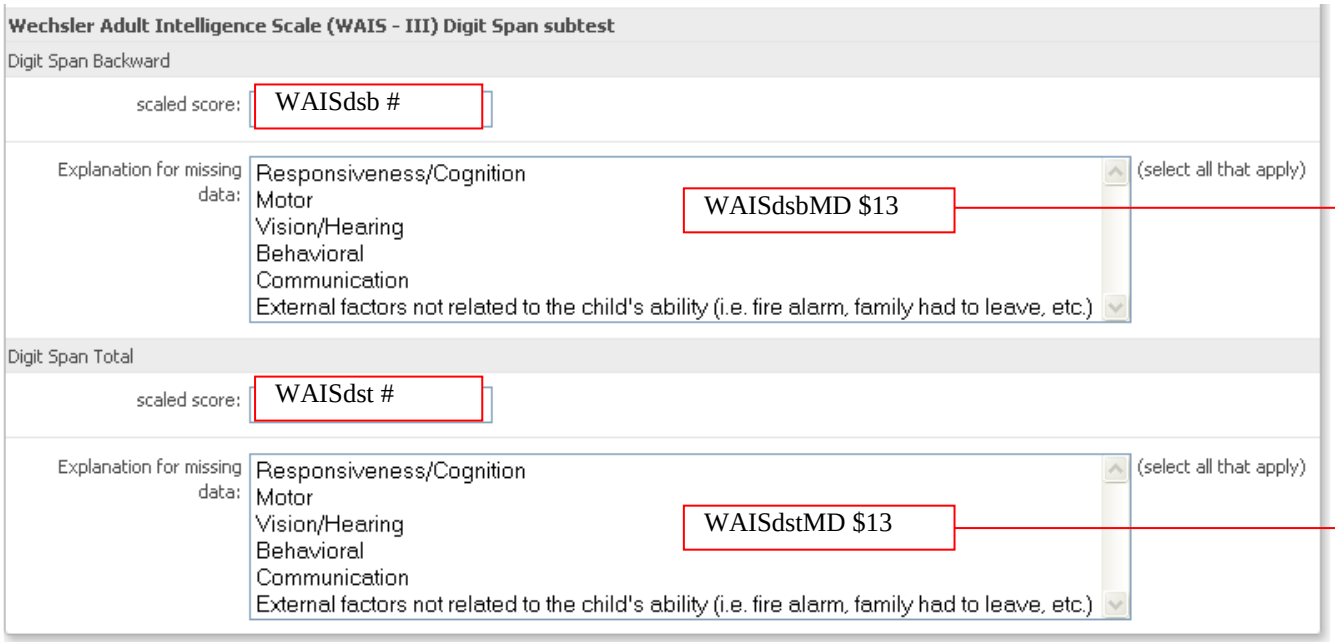
NeuroBatgte17 (1 of 7)

SubjectID

Neurobehavioral Battery 17 years and older

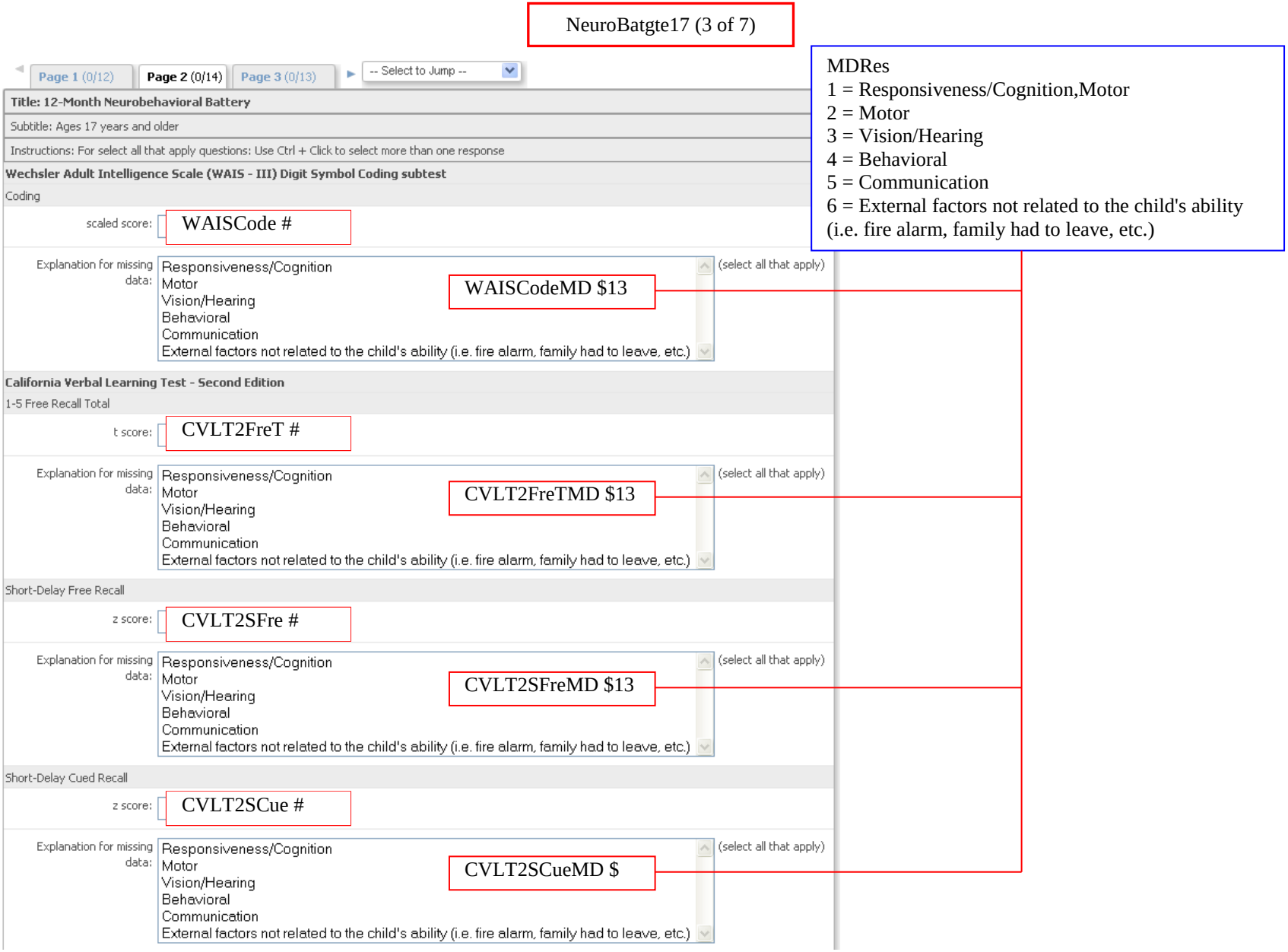


NeuroBatgte17 (2 of 7)



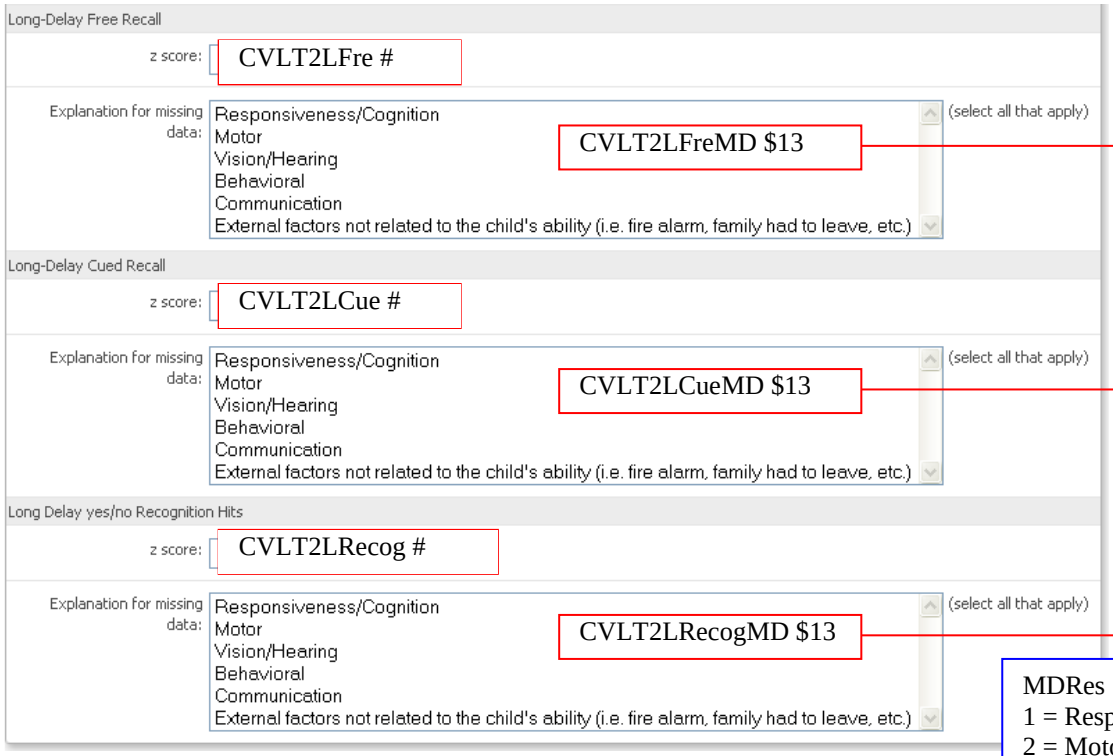
MDRes
1 = Responsiveness/Cognition,Motor
2 = Motor
3 = Vision/Hearing
4 = Behavioral
5 = Communication
6 = External factors not related to the child's ability (i.e. fire alarm, family had to leave, etc.)

NeuroBatgte17 (3 of 7)



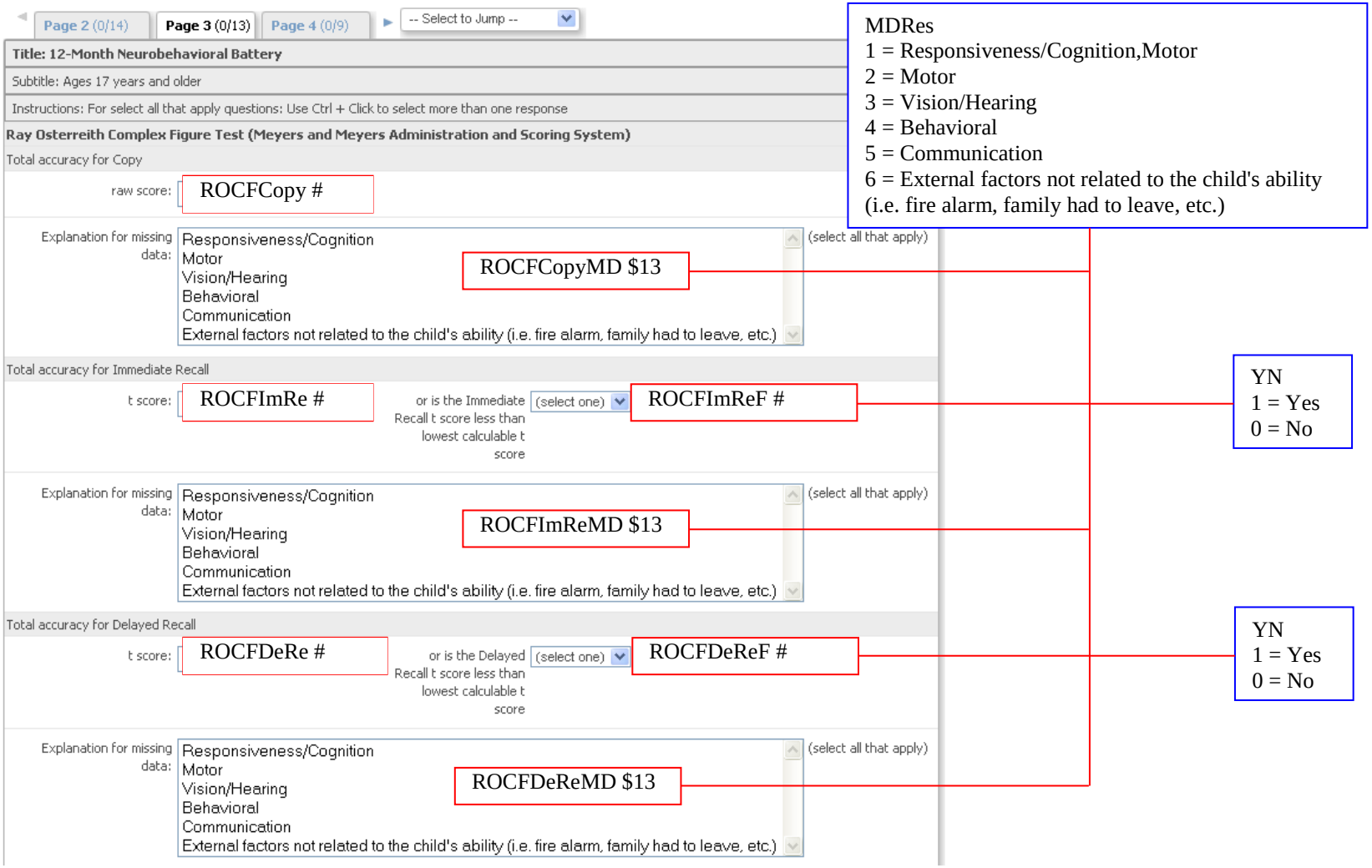
MDRes
1 = Responsiveness/Cognition,Motor
2 = Motor
3 = Vision/Hearing
4 = Behavioral
5 = Communication
6 = External factors not related to the child's ability (i.e. fire alarm, family had to leave, etc.)

NeuroBatgte17 (4 of 7)

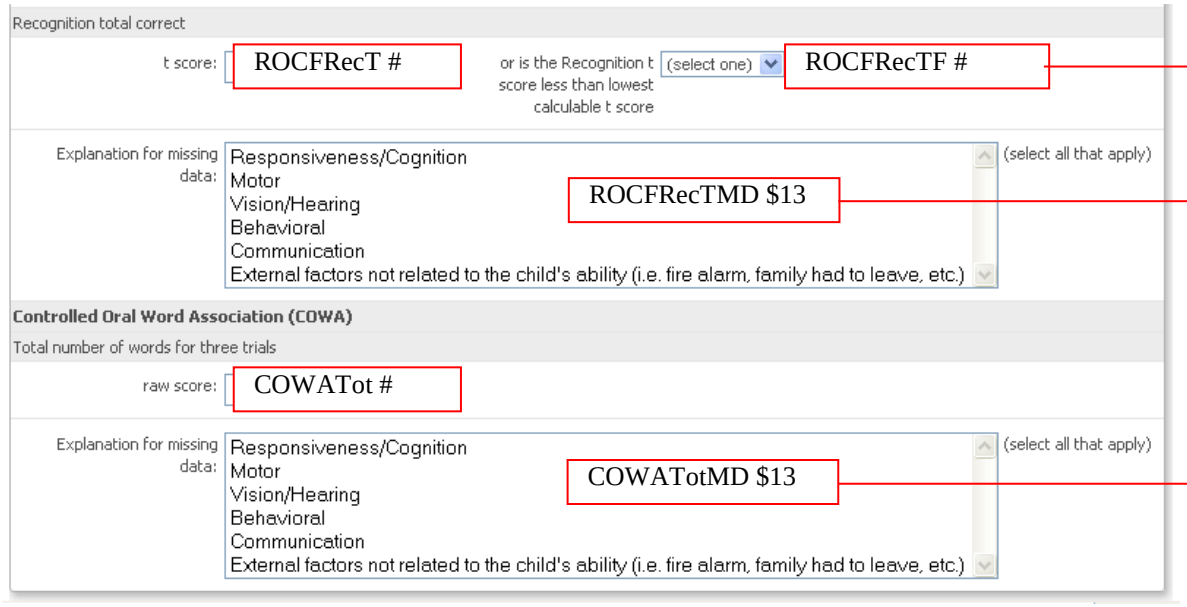


MDRes
1 = Responsiveness/Cognition,Motor
2 = Motor
3 = Vision/Hearing
4 = Behavioral
5 = Communication
6 = External factors not related to the child's ability (i.e. fire alarm, family had to leave, etc.)

NeuroBatgte17 (5 of 7)



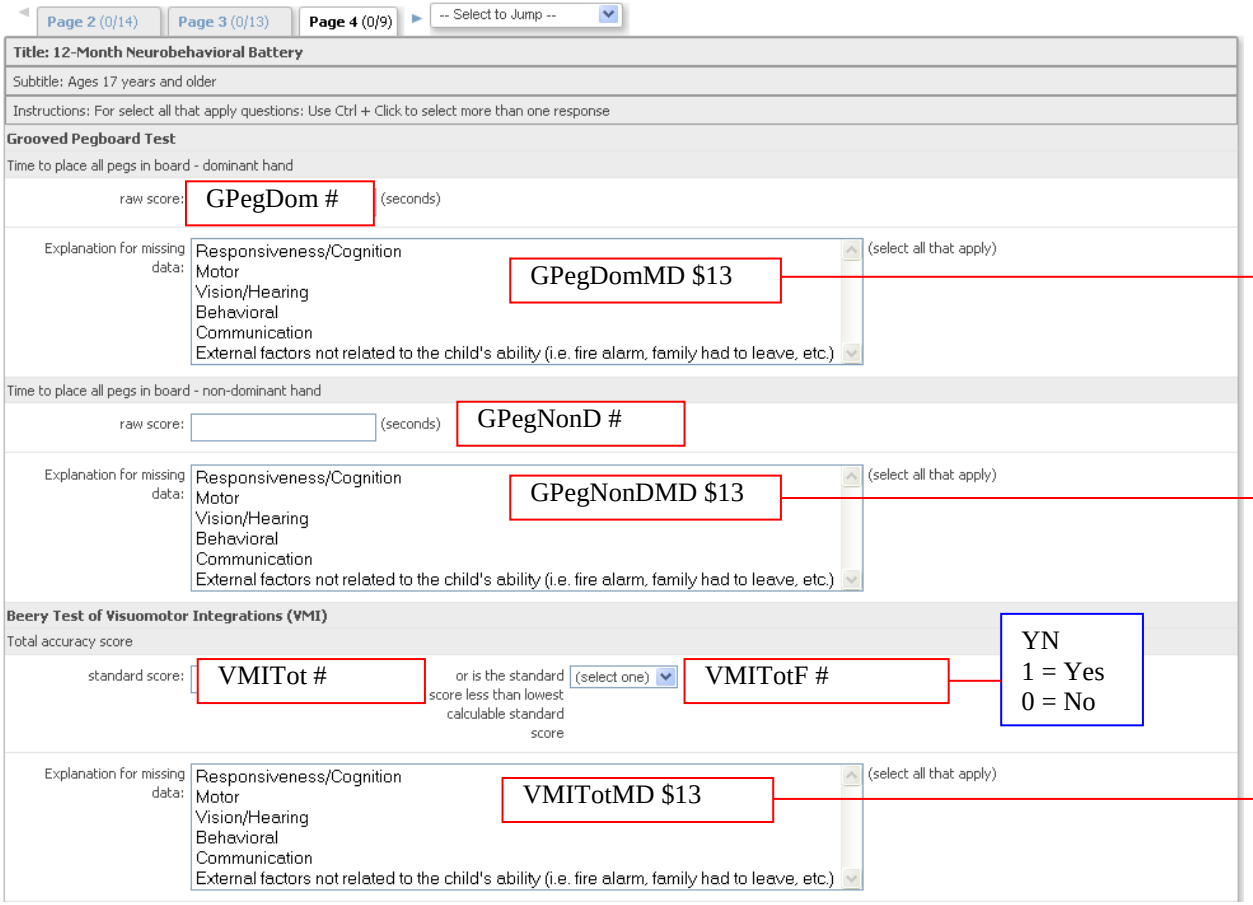
NeuroBatgte17 (6 of 7)



YN
1 = Yes
0 = No

MDRes
1 = Responsiveness/Cognition,Motor
2 = Motor
3 = Vision/Hearing
4 = Behavioral
5 = Communication
6 = External factors not related to the child's ability (i.e. fire alarm, family had to leave, etc.)

NeuroBatgte17 (7 of 7)

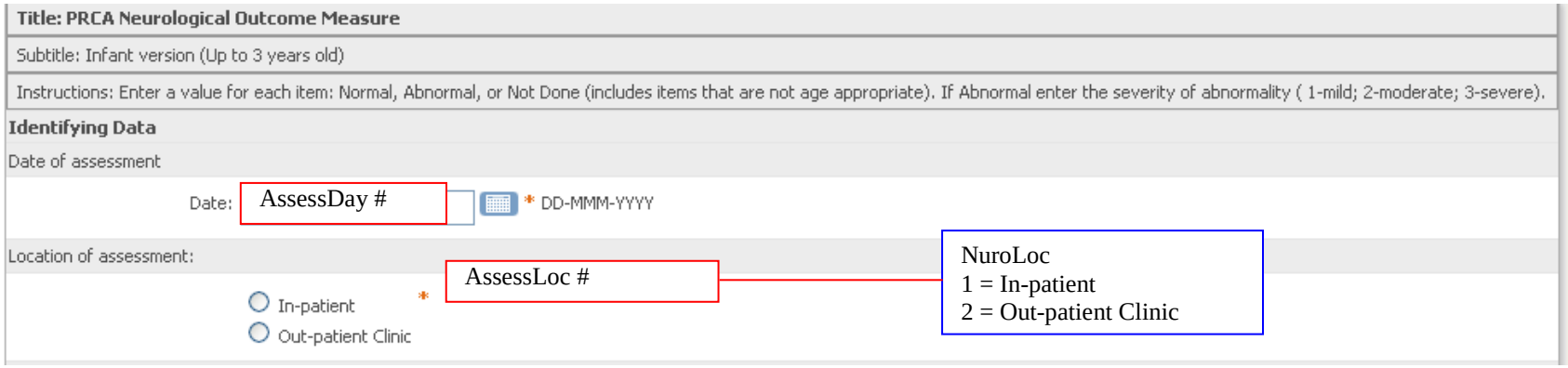


MDRes
1 = Responsiveness/Cognition,Motor
2 = Motor
3 = Vision/Hearing
4 = Behavioral
5 = Communication
6 = External factors not related to the child's ability (i.e. fire alarm, family had to leave, etc.)

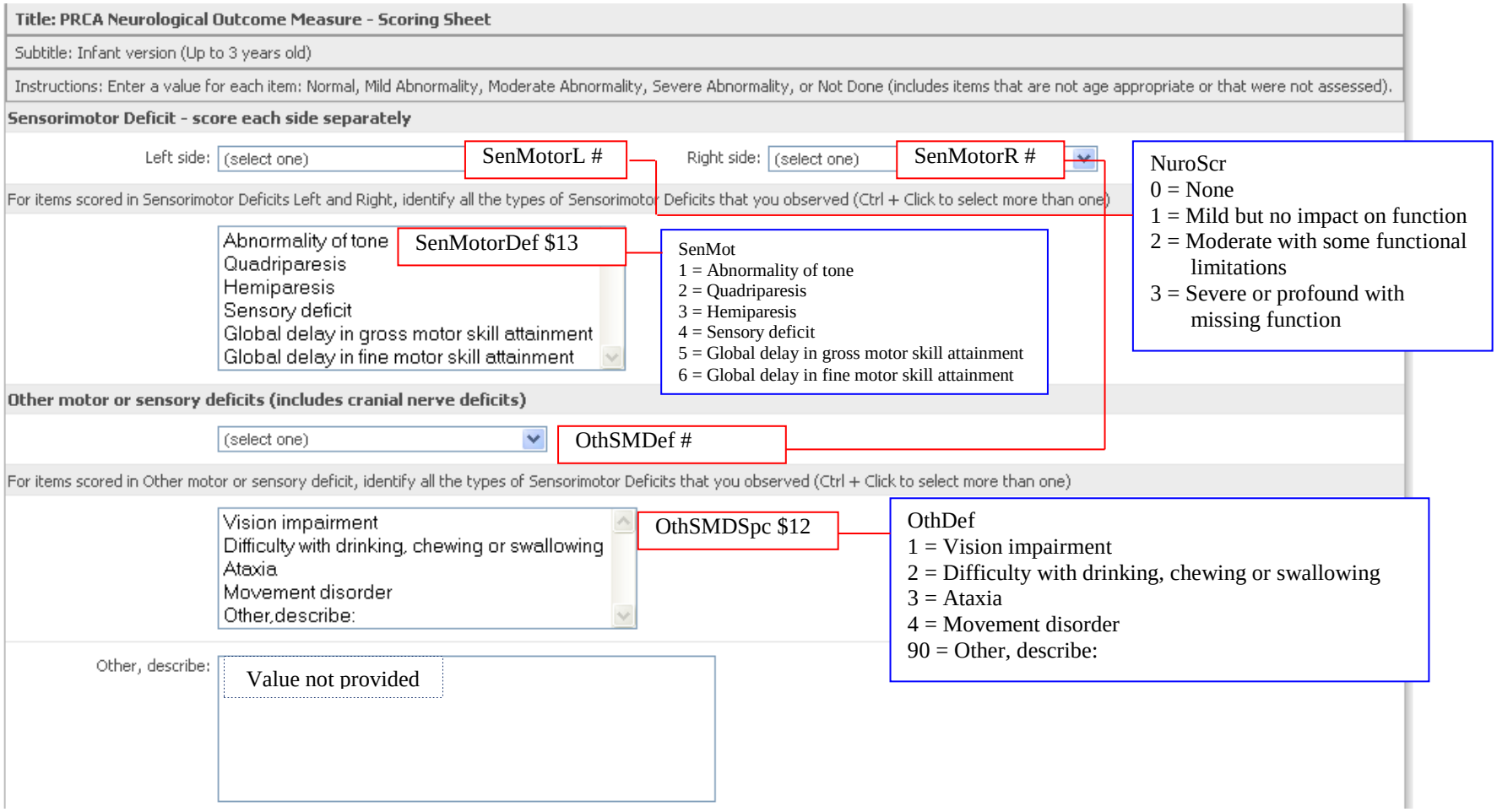
PRCAYoung (1 of 3)

SubjectID

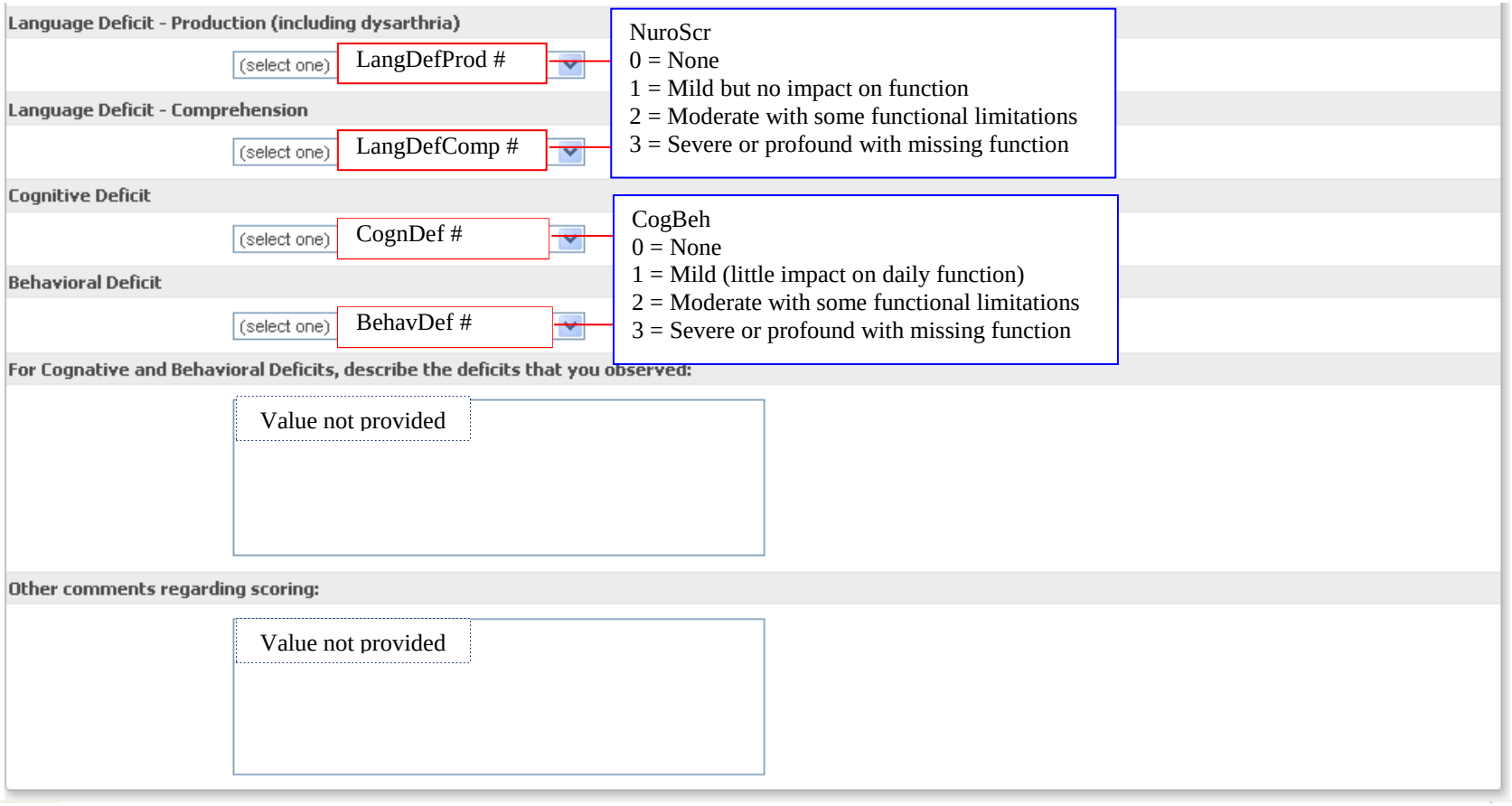
PRCA Neurological Outcome Measure (Up to 3years old)



PRCAYoung (2 of 3)



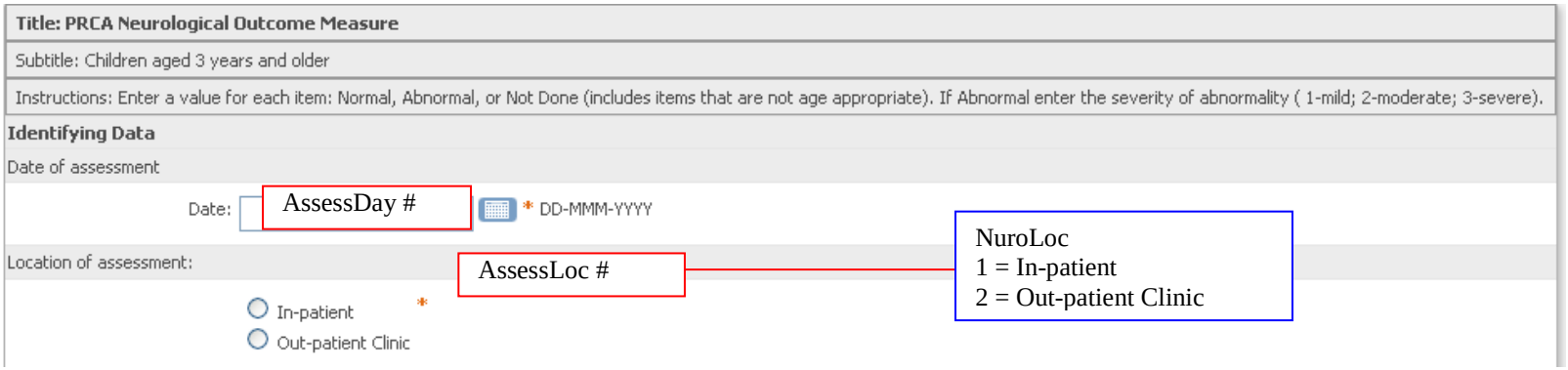
PRCAYoung (3 of 3)



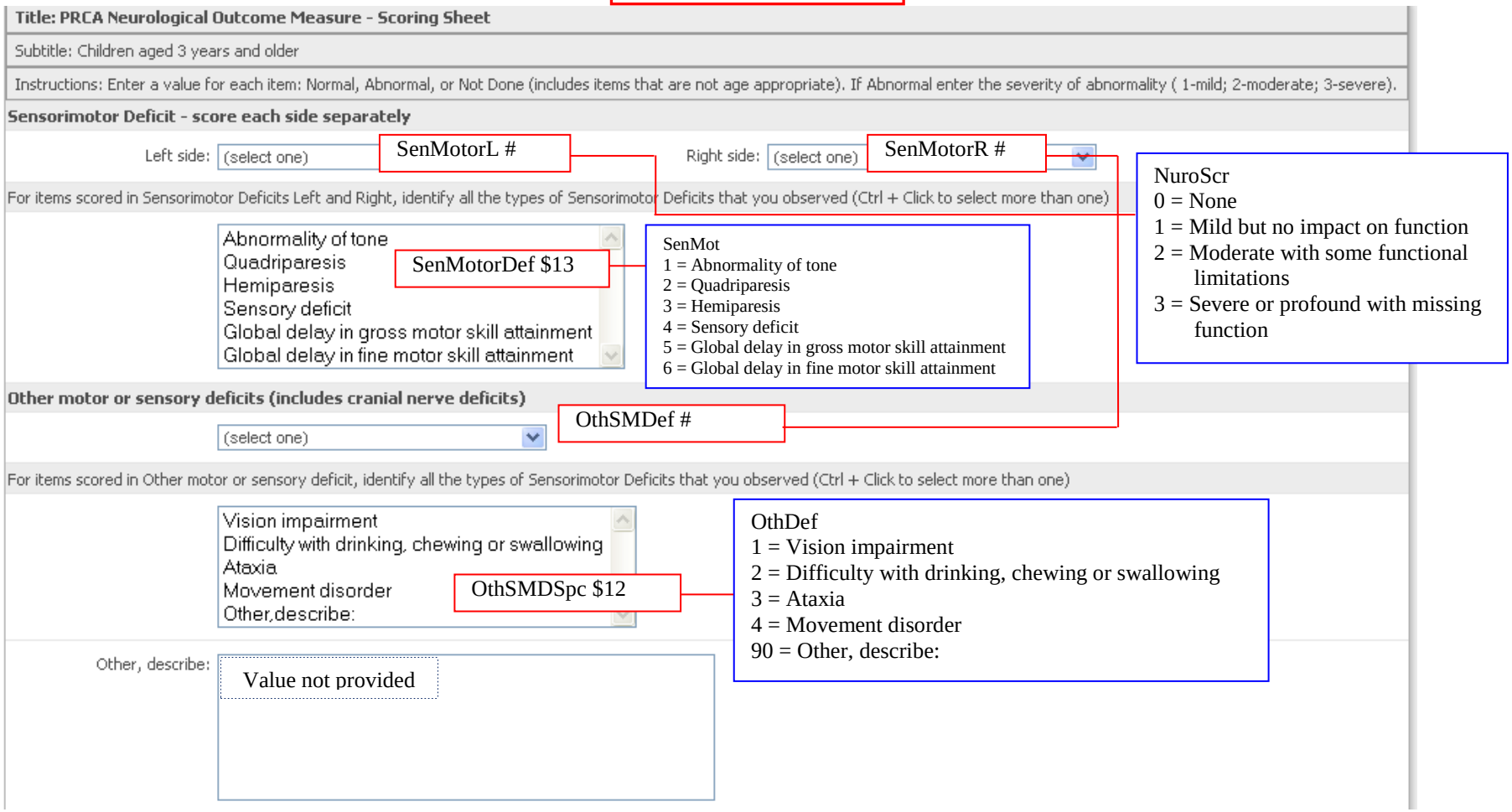
PRCAOlder (1 of 3)

SubjectID

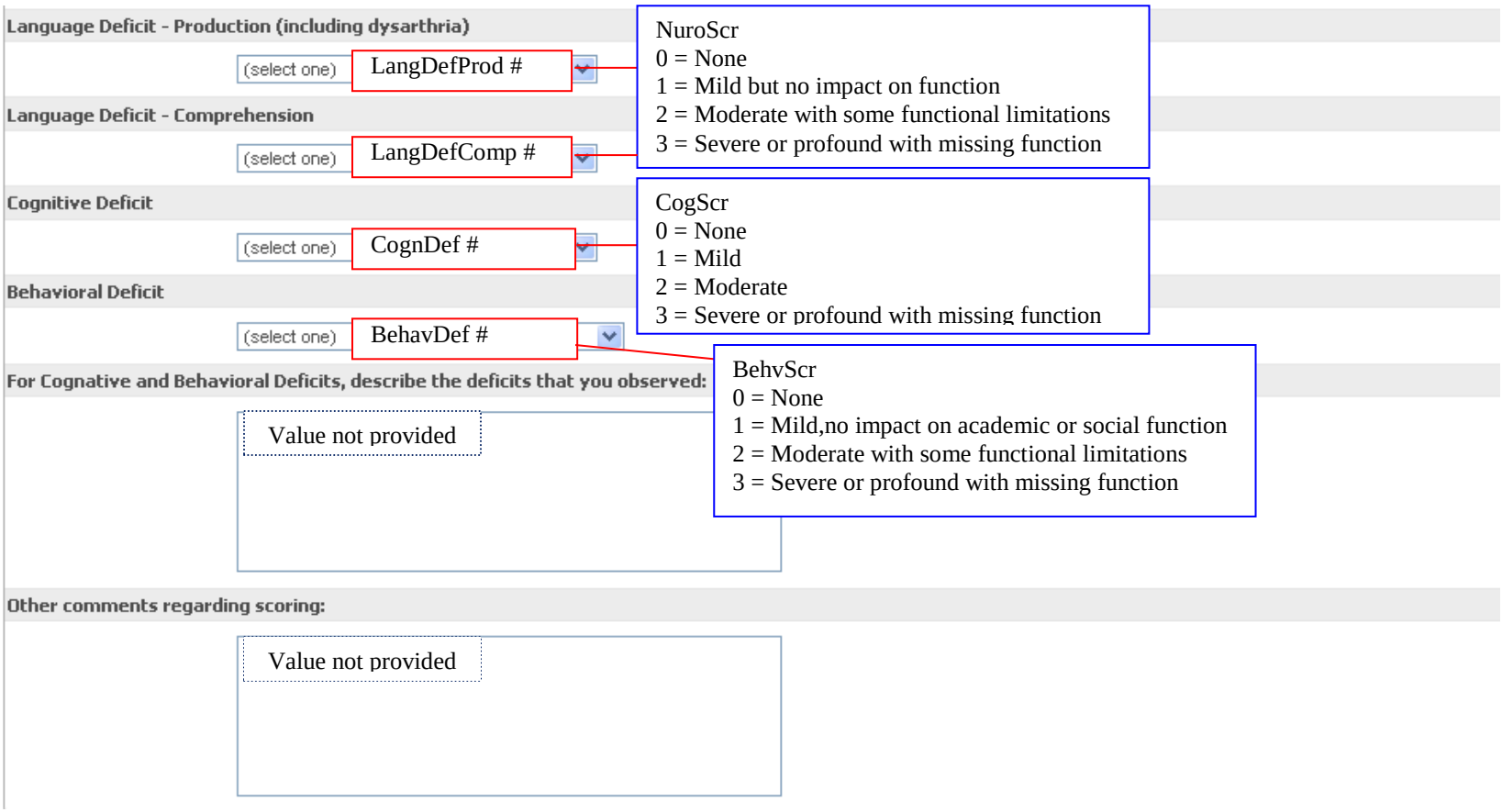
PRCA Neurological Outcome Measure (Children Aged 3 Years and Older)



PRCAOlder (2 of 3)



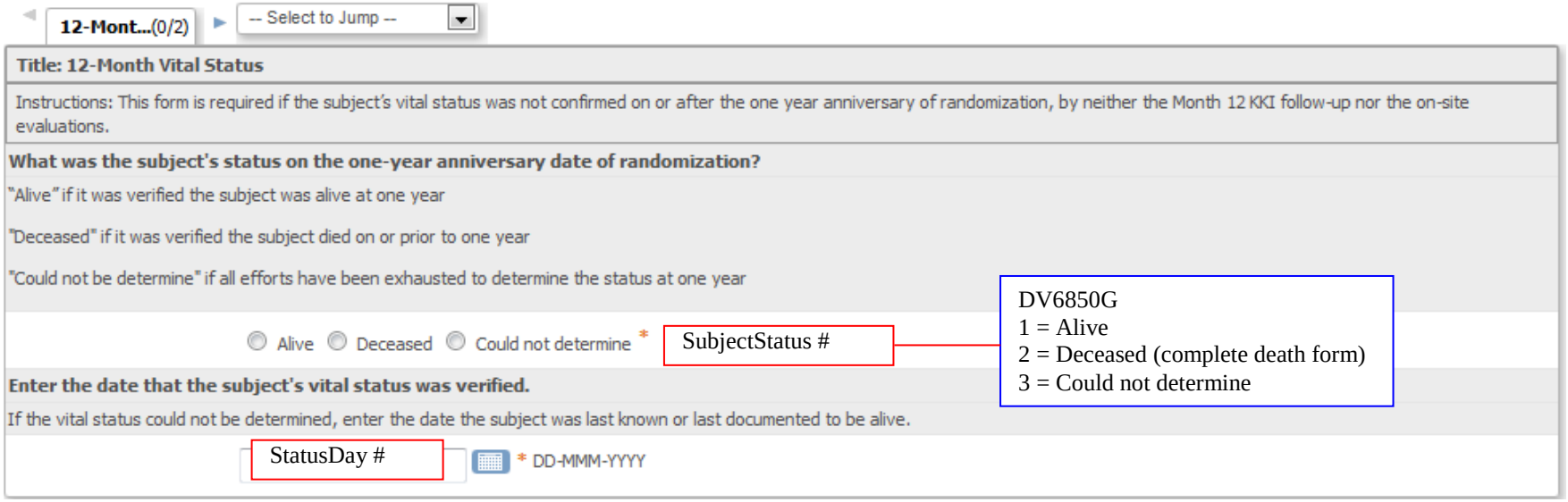
PRCAOlder (3 of 3)



Month12VitalStatus (1 of 1)

SubjectID

12-Month Vital Status



Vineland Adaptive Behavior Scale (VABS)

Variable	Format	Type	Label	Algorithm / Notes
subjectid		#	Subject ID	Randomly generated ID number that uniquely identifies an enrolled (randomized) subject across datasets
VABSTestDay		#	Day of VABS Test (relative to randomization date)	VABS Test Date – Randomization Date
VABSPhase		$	VABS Study Phase	= “BASELINE” for Baseline VABS = “IIIMOS” for Month 3 VABS = ”XIIMOS for Month 12 VABS
VABSAge		$	Age at time of VABS-II Assessment (Years:Months)	Age variable output from VABS Scoring Software
REC_RAW		#	Receptive Raw Score	Output from VABS Scoring Software
REC_VSCALE		#	Receptive v-Scale Score	Output from VABS Scoring Software
REC_ADAPT_LEVEL		$	Receptive Adaptive Level	Output from VABS Scoring Software
EXP_RAW		#	Expressive Raw Score	Output from VABS Scoring Software
EXP_VSCALE		#	Expressive v-Scale Score	Output from VABS Scoring Software
EXP_ADAPT_LEVEL		$	Expressive Adaptive Level	Output from VABS Scoring Software
WRN_RAW		#	Written Raw Score	Output from VABS Scoring Software
WRN_VSCALE		#	Written v-Scale Score	Output from VABS Scoring Software
WRN_ADAPT_LEVEL		$	Written Adaptive Level	Output from VABS Scoring Software
COM_SUM_VSCALES_FOR_DOMAIN		#	Communication Domain Sum of the Subdomain v-Scale Scores	Output from VABS Scoring Software
COM_STD_SCORE		#	Communication Domain Standard Score	Output from VABS Scoring Software
COM__ IL E_RANK		$	Communication Domain Percentile Rank	Output from VABS Scoring Software
COM_ADAPT_LEVEL		$	Communication Domain Adaptive Level	Output from VABS Scoring Software

Variable	Format	Type	Label	Algorithm / Notes
PER_RAW		#	Personal Raw Score	Output from VABS Scoring Software
PER_VSCALE		#	Personal v-Scale Score	Output from VABS Scoring Software
PER_ADAPT_LEVEL		$	Personal Adaptive Level	Output from VABS Scoring Software
DOM_RAW		#	Domestic Raw Score	Output from VABS Scoring Software
DOM_VSCALE		#	Domestic v-Scale Score	Output from VABS Scoring Software
DOM_ADAPT_LEVEL		$	Domestic Adaptive Level	Output from VABS Scoring Software
CMM_RAW		#	Community Raw Score	Output from VABS Scoring Software
CMM_VSCALE		#	Community v-Scale Score	Output from VABS Scoring Software
CMM_ADAPT_LEVEL		$	Community Adaptive Level	Output from VABS Scoring Software
DLS_SUM_VSCALES_FOR_DOMAIN		#	Daily Living Skills Domain Sum of the Subdomain v-Scale Scores	Output from VABS Scoring Software
DLS_STD_SCORE		#	Daily Living Skills Domain Standard Score	Output from VABS Scoring Software
DLS__ IL E_RANK		$	Daily Living Skills Domain Percentile Rank	Output from VABS Scoring Software
DLS_ADAPT_LEVEL		$	Daily Living Skills Domain Adaptive Level	Output from VABS Scoring Software
IPR_RAW		#	Interpersonal Relations Raw Score	Output from VABS Scoring Software
IPR_VSCALE		#	Interpersonal Relations v-Scale Score	Output from VABS Scoring Software
IPR_ADAPT_LEVEL		$	Interpersonal Relations Adaptive Level	Output from VABS Scoring Software
PL_RAW		#	Play and Leisure Time Raw Score	Output from VABS Scoring Software
PL_VSCALE		#	Play and Leisure Time v-Scale Score	Output from VABS Scoring Software
PL_ADAPT_LEVEL		$	Play and Leisure Time Adaptive Level	Output from VABS Scoring Software
CS_RAW		#	Coping Skills Raw Score	Output from VABS Scoring Software

Variable	Format	Type	Label	Algorithm / Notes
CS_VSCALE		#	Coping Skills v-Scale Score	Output from VABS Scoring Software
CS_ADAPT_LEVEL		$	Coping Skills Adaptive Level	Output from VABS Scoring Software
SOC_SUM_VSCALES_FOR_DOMAIN		#	Socialization Domain Sum of the Subdomain v-Scale Scores	Output from VABS Scoring Software
SOC_STD_SCORE		#	Socialization Domain Standard Score	Output from VABS Scoring Software
SOC__ IL E_RANK		$	Socialization Domain Percentile Rank	Output from VABS Scoring Software
SOC_ADAPT_LEVEL		$	Socialization Domain Adaptive Level	Output from VABS Scoring Software
GMS_RAW		#	Gross Motor Skills Raw Score	Output from VABS Scoring Software
GMS_VSCALE		#	Gross Motor Skills v-Scale Score	Output from VABS Scoring Software
GMS_ADAPT_LEVEL		$	Gross Motor Skills Adaptive Level	Output from VABS Scoring Software
FMS_RAW		#	Fine Motor Skills Raw Score	Output from VABS Scoring Software
FMS_VSCALE		#	Fine Motor Skills v-Scale Score	Output from VABS Scoring Software
FMS_ADAPT_LEVEL		$	Fine Motor Skills Adaptive Level	Output from VABS Scoring Software
MS_SUM_VSCALES_FOR_DOMAIN		#	Motor Skills Domain Sum of the Subdomain v-Scale Scores	Output from VABS Scoring Software
MS_STD_SCORE		#	Motor Skills Domain Standard Score	Output from VABS Scoring Software
MS__ ILE_ RANK		$	Motor Skills Domain Percentile Rank	Output from VABS Scoring Software
MS_ADAPT_LEVEL		$	Motor Skills Domain Adaptive Level	Output from VABS Scoring Software
ABC_SUM_ALL_DOM_STD_SCORES		#	Adaptive Behavior Composite Sum of All Domain Standard Scores	Output from VABS Scoring Software
ABC_STD_SCORE		#	Adaptive Behavior Composite Standard Score	Output from VABS Scoring Software
ABC__ IL E_RANK		$	Adaptive Behavior Composite Percentile Rank	Output from VABS Scoring Software
ABC_ADAPT_LEVEL		$	Adaptive Behavior Composite Adaptive Level	Output from VABS Scoring Software

Outcomes

Variable	Format	Type	Label	Algorithm / Notes
SubjectID		#	Subject ID	Randomly generated ID number that uniquely identifies an enrolled (randomized) subject across datasets
TreatRand	TREATMENT 1 = Hypothermia 2 = Normothermia 3 = Treatment not initiated	#	Treatment Assigned	= 1 if subject was randomized to Hypothermia = 2 if subject was randomized to Normothermia
TreatRec	TREATMENT	#	Treatment Received	= 1 if subject received Hypothermia = 2 if subject received Normothermia = 3 if subject received neither treatment
AgeYrs		#	Age at Randomization (years)	Randomization Date - Birthdate
AgeGroup	AGEGROUP 1 = < 2 years 2 = 2-11 years 3 = >= 12 years	#	Age Group at Randomization	= 1 if AgeYrs < 2 = 2 if 2 <= AgeYrs < 12 = 3 if AgeYrs >= 12
Gender	GENDER 1 = Male 2 = Female	#	Sex	Copied from Demographics dataset
CARhythmIH	CARHYTHMIH 1 = Asystole 2 = Bradycardia 3 = Pulseless electrical activity (PEA) 4 = Ventricular fibrillation or tachycardia 97 = Unknown	#	Initial cardiac rhythm	Based on InitialRhyth and Study PIs' recategorization of open-text entries of "other" rhythms from IHCardiacArr dataset.

Variable	Format	Type	Label	Algorithm / Notes
IHArrestLoc	DV7123G 1 = Arrest at non-study hospital 2 = Arrest at study hospital	#	Location at time of cardiac arrest	Copy from IHCardiacArr dataset
CAtoCPR		#	Time between cardiac arrest and start of compressions (minutes)	Time of CPR – time of arrest (from OHCarciacArr dataset). NULL if either variable is NULL.
CPRtoROSC		#	Time between start of compressions and ROSC/ROC (minutes)	Time of ROSC – time of CPR (from OHCarciacArr dataset). NULL if either variable is NULL.
ECMOBaseline	YESNO 1 = Yes 0 = No	#	ECMO used post qualifying CA and prior to randomization	= 1 if, in IHCardiacArr, ECMO is Yes and ECMO start day/time is before randomization day/time
ECMOatTreat	YESNO	#	ECMO used at the time of treatment initiation	= 1 if ECMOBaseline is Yes AND ECMO was not discontinued before treatment initiation = 1 else if subject has a record in TempECMO dataset with a time before or at treatment start time = 0 otherwise
DosesEpiHosp		#	Number of doses of epinephrine adminstered at hospital (>10 coded as 11, Unknown coded as NULL)	= NULL if OHCardiacArr.EpinephHosp is (NULL or Unknown) = 0 else if OHCardiacArr.EpinephHosp is None = OHCardiacArr.EpinephHosp otherwise
SurviveM12	YESNOUNKNOWN 1 = Yes 0 = No 97 = Unknown	#	Survival at 12 months	= 0 if subject died on or prior to the one-year anniversary of their cardiac arrest per the death date =1 else if subject is known to be alive on or after the one-year anniversary of their cardiac arrest per any of the 12 month follow-up datasets = 97 otherwise
PrimaryEndpoint	YESNOUNKNOWN	#	Survival at 12 months with VABS >= 70	= 1 if SurviveM12 is Yes AND Month 12 VABS >= 70 = 0 if SurviveM12 is No = 0 if Month 12 VABS < 70 = 97 otherwise

Variable	Format	Type	Label	Algorithm / Notes
Primary	YN 1 = Yes 0 = No	#	Eligibile for primary analysis?	= 1 if baseline VABS >= 70 = 1 if baseline VABS is NULL AND (baseline POPC='Good' or 'Mild Disability) AND (baseline PCPC ='Normal' or 'Mild Disability) = 0 otherwise
M12VabsOutcome		#	Alternative VABS status at 12 months outcome	= -2000 if SurviveM12 is No = -1000 if SurviveM12 is Yes AND the Month 12 VABS is the lowest possible for age = Month 12 VABS otherwise
M12VabsOutcomeCat	M12VABSOUTCOMECAT 0 = Death 1 = Profound disability (VABS < 45 or lowest possible) 2 = Moderate to severe disability (VABS 45-69) 3 = Good functional status (VABS >= 70)	#	Categorical VABS status at 12 months	= 0 if SurviveM12 is No = 1 if M12VabsOutcome < 45 = 2 if 45 <= M12VabsOutcome <= 69 = 3 if M12VabsOutcome >= 70
DeltaVabs		#	Change in neurobehavioral function as assessed by VABS from pre-arrest to 12 months.	= -2000 if SurviveM12 is No = -1000 if SurviveM12 is Yes AND the Month 12 VABS is the lowest possible for age = Month 12 VABS – baseline VABS if SurviveM12 is Yes AND both VABS scores are not NULL = NULL otherwise
DeltaVabsCat	DELTAVABSCAT 0 = Death 1 = Lowest possible VABS score 2 = VABS decreased > 30 points 3 = VABS decreased 16-30 points 4 = VABS decreased no more than 15 points or improved	#	Categorical change in neurobehavioral function as assessed by VABS from pre-arrest to 12 months	= 0 if SurviveM12 is No = 1 if DeltaVabs = -1000 = 2 if DeltaVabs <= -30 = 3 if -30 <= DeltaVabs <= -16 = 4 if DeltaVabs >= -15

Variable	Format	Type	Label	Algorithm / Notes
BloodAll	YESNOWITHDREW -1 = Unknown (patient withdrew) 1 = Yes 0 = No	#	Any blood product use within 7 days of randomization	= -1 if NO blood products were used after randomization through Day 7 AND the patient withdrew permission to collect data prior to completing all 8 days of data collection = 1 else if any blood products were used after randomization through Day 7 = 0 else if NO blood products were used after randomization through Day7 Note:In the raw data, SubjectID 49 is indicated to have packed red blood cells on Day 7. However, the amount entered is 0. There were no other blood products used for this subject. Therefore, BloodAll=No for SubjectID 49.
BloodCryo	YESNOWITHDREW	#	Any cryoprecipitate use within 7 days of randomization	= -1 if NO cryoprecipitate was used after randomization through Day 7 AND the patient withdrew permission to collect data prior to completing all 8 days of data collection = 1 else if any cryoprecipitate was used after randomization through Day 7 = 0 else if NO cryoprecipitate was used after randomization through Day7
BloodFFP	YESNOWITHDREW	#	Any fresh frozen plasma (FFP) use within 7 days of randomization	= -1 if NO fresh frozen plasma (FFP) was used after randomization through Day 7 AND the patient withdrew permission to collect data prior to completing all 8 days of data collection = 1 else if any fresh frozen plasma (FFP)was used after randomization through Day 7 = 0 else if NO fresh frozen plasma (FFP)was used after randomization through Day7

Variable	Format	Type	Label	Algorithm / Notes
BloodPRBC	YESNOWITHDREW	#	Any packed red blood cell/whole blood use within 7 days of randomization	= -1 if NO packed red blood cells (PRBC) were used after randomization through Day 7 AND the patient withdrew permission to collect data prior to completing all 8 days of data collection = 1 else if any packed red blood cells (PRBC) were used after randomization through Day 7 = 0 else if NO packed red blood cells (PRBC) were used after randomization through Day7 Note:In the raw data, SubjectID 49 is indicated to have packed red blood cells on Day 7. However, the amount entered is 0. There were no other blood products used for this subject. Therefore, BloodPRBC=No for SubjectID 49.
BloodPlat	YESNOWITHDREW	#	Any platelet use within 7 days of randomization	= -1 if NO platelets were used after randomization through Day 7 AND the patient withdrew permission to collect data prior to completing all 8 days of data collection = 1 else if any platelets were used after randomization through Day 7 = 0 else if NO platelets were used after randomization through Day7
Arrhy	YESNOWITHDREW	#	Any serious arrhythmias within 7 days of randomization	= -1 if there are NO serious arrhythmias occuring after randomization through day 7, AND the patient withdrew permission to collect data prior to completing all 8 days of data collection = 1 else if there are any serious arrhythmias occuring after randomization through day 7 = 0 else if there are NO serious arrhythmias occuring after randomization through day 7

Variable	Format	Type	Label	Algorithm / Notes
ArrhyAsystole	YESNOWITHDREW	#	Any Asystole arrhythmias within 7 days of randomization	= -1 if there are NO serious Asystole arrhythmias occuring after randomization through day 7, AND the patient withdrew permission to collect data prior to completing all 8 days of data collection = 1 else if there are any serious Asystole arrhythmias occuring after randomization through day 7 = 0 else if there are NO serious Asystole arrhythmias occuring after randomization through day 7
ArrhyAtrial	YESNOWITHDREW	#	Any Atrial (SVT, atrial flutter, JET) arrhythmias within 7 days of randomization	= -1 if there are NO serious Atrial arrhythmias occuring after randomization through day 7, AND the patient withdrew permission to collect data prior to completing all 8 days of data collection = 1 else if there are any serious Atrial arrhythmias occuring after randomization through day 7 = 0 else if there are NO serious Atrial arrhythmias occuring after randomization through day 7
ArrhyPEA	YESNOWITHDREW	#	Any PEA arrhythmias within 7 days of randomization	= -1 if there are NO serious PEA arrhythmias occuring after randomization through day 7, AND the patient withdrew permission to collect data prior to completing all 8 days of data collection = 1 else if there are any serious PEA arrhythmias occuring after randomization through day 7 = 0 else if there are NO serious PEA arrhythmias occuring after randomization through day 7

Variable	Format	Type	Label	Algorithm / Notes
ArrhyVentricular	YESNOWITHDREW	#	Any Ventricular (sustained VT greater than 30 seconds, VF, Torsades) arrhythmias within 7 days of randomization	= -1 if there are NO serious Ventricular arrhythmias occuring after randomization through day 7, AND the patient withdrew permission to collect data prior to completing all 8 days of data collection = 1 else if there are any serious Ventricular arrhythmias occuring after randomization through day 7 = 0 else if there are NO serious Ventricular arrhythmias occuring after randomization through day 7
ArrhyOther	YESNOWITHDREW	#	Any other type of arrhythmias within 7 days of randomization	= -1 if there are NO serious Other arrhythmias occuring after randomization through day 7, AND the patient withdrew permission to collect data prior to completing all 8 days of data collection = 1 else if there are any serious Other arrhythmias occuring after randomization through day 7 = 0 else if there are NO serious Other arrhythmias occuring after randomization through day 7
InfectionN		#	Number of culture-proven infection within 7 days of randomization	Number of new, culture-proven infections occuring after randomization date/time through day 7 according to the culture log
Infection	YESNOWITHDREW	#	Any culture-proven infection within 7 days of randomization	= -1 if infection = 0 AND the patient withdrew permission to collect data prior to completing all 8 days of data collection = 1 else if infection > 0 = 0 else if infection = 0

Variable	Format	Type	Label	Algorithm / Notes
DaysData		#	Days of expected daily data collection including Days 0-7	= Number of days from randomization to the earliest of day 7, hospital discharge, death, or withdrawal. Day of randomization and (day 7, day of hospital discharge, or day of death) are included in this calculation. In cases of withdrawal, date of withdrawal is included in the calculation if daily form was created for that day (ie, data was collected on withdraw date)
Death28	VITALSTATUS -1 = Could not be determined 1 = Deceased 0 = Alive	#	Patient vital status at Day 28	= 1 if patient died on or prior to Day 28 = 0 else if patient is verified to be alive on Day 28 = -1 if vital status on Day 28 could not be determined
PrimaryRe	PRIMARYRE 1 = Baseline VABS<70 2 = No VABS, POPC, nor PCPC 3 = No VABS, POPC/PCPC>=3	#	Why not eligible for primary analysis	= NULL if Primary is Yes = 1 if BLVabs<70 = 2 if BLVabs is NULL AND (BLPCPC is NULL OR BLPOPC is NULL) = 3 if BLVabs is NULL AND (BLPOPC>2 OR BLPCPC>2)
OneYearAvailableReas	ONEYEARAVAILABLEREAS 1 = Unable to obtain vital status 2 = Vital status known, unable to obtain VABS	#	Reason one year data is unavailable	= 1 if SurviveM12 is Unknown = 2 else if SurviveM12 is Yes AND Month 12 VABS is NULL = NULL otherwise
timeToDeathM12		#	Time to death/censor by Month 12 (days)	= (Death date – cardiac arrest date) if SurviveM12 is No = (One-year cardiac arrest anniversary date – cardiac arrest date) if SurviveM12 is Yes = (Last date patient known to be alive – cardiac arrest date) if SurviveM12 is Unknown
censorDeathM12	YESNO 1 = Yes 0 = No	#	Censored for 12 month mortality	= 0 if SurviveM12 is No = 1 if SurviveM12 is Yes OR Unknown

Variable	Format	Type	Label	Algorithm / Notes
PreExNone	YN 1 = Yes 0 = No	#	Patient had no pre-existing condition	= 1 if PreExPrenat, PreExLung, PreExCongHrt, PreExAcqHrt, PreExArrhyth, PreExImmuno, PreExTranspl, PreExGastro, PreExEndo, PreExRenal, PreExNeuro, and PreExMisc (all from PreArrest dataset) are all No = 0 if any of these variables are Yes
preexlungMOD	YN	#	MODIFIED: Did patient have a pre-existing lung or airway disease?	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions
preexneuroMOD	YN	#	MODIFIED: Did patient have a pre-existing neurologic condition?	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions
preexgastroMOD	YN	#	MODIFIED: Did patient have a pre-existing gastrointestinal disorder?	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions
preexprenatMOD	YN	#	MODIFIED: Did patient have a pre-existing prenatal condition?	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions
PreExImmunoMOD	YN	#	MODIFIED: Did patient have a pre-existing immunocompromised condition or is taking an immunosuppressive medication?	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions
PreExRenalMOD	YN	#	MODIFIED: Did patient have a pre-existing renal condition?	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions
PreExFailThriveMOD	YN	#	MODIFIED: Other pre-existing condition: Failure to thrive	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions
PreExEndoMOD	YN	#	MODIFIED: Did patient have a pre-existing endocrine condition?	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions

Variable	Format	Type	Label	Algorithm / Notes
PreExTransplMOD	YN	#	MODIFIED: Did patient have a pre-existing transplant?	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions
PreExOtherOtherMOD	YN	#	MODIFIED: Other pre-existing condition: Other	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions
PreExAcqHrtMOD	YN	#	MODIFIED: Did patient have a pre-existing acquired heart disease?	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions
PreExArrhythMOD	YN	#	MODIFIED: Did patient have pre-existing arrhythmia?	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions
PreExCongHrtAcyanoticMOD	YN	#	MODIFIED: Did patient have a pre-existing congenital acyanotic heart disease?	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions
PreExCongHrtCyanoticMOD	YN	#	MODIFIED: Did patient have a pre-existing congenital cyanotic heart disease?	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions
PreExPulmHyperCHDMOD	YN	#	MODIFIED: Other pre-existing condition: Pulmonary hypertension - associated with congenital heart disease	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions
PreExPulmHyperNoCHDMOD	YN	#	MODIFIED: Other pre-existing condition: Pulmonary hypertension - not associated with congenital heart disease	Based on entries in PREARREST_ datasets and recategorization by study PIs of open-text entries of “other” pre-existing conditions

Variable	Format	Type	Label	Algorithm / Notes
CACauseIH	CACAUSE 1 = Cardiovascular event 2 = Neurological event 3 = Congenital heart disease event 4 = Respiratory event 5 = Multiple organ system failure (MOSF) 6 = Drug overdose 7 = Electrolyte imbalance 95 = Other 97 = Unknown	#	Primary cause of the cardiac arrest	Based on PrimaryCause and recategorization by study PIs of open-text entries of “other” causes from the ArrEtiol dataset.
arresthosp	DV6772G 1 = Emergency department 2 = Non-intensive care inpatient ward 3 = Intensive care unit (includes intermediate care) 4 = Operating room 5 = Other clinical lacation (radiology, laboratory, etc. 6 = Non-clnincal location	#	Location within hospital at time of arrest (IH only)	Copy from IHCardiacArr dataset
FirstTempNew		#	First reported temperature	Earliest recorded temperature. If more than one temperature recorded at the same (earliest) time, the following order of preference is used to select the temperature: temperature recorded by the primary probe at that time (reference primary probe form), ECMO blood/circuit temperature, esophageal temperature, bladder temperature, rectal temperature.
FirstABGpH		#	First reported ph	First non-missing BLABGpH value from the Baseline dataset
FirstABGPaCO2		#	First reported PaCO2 (mmHg)	First non-missing BLABGPaCO2 value from the Baseline dataset
FirstABGPaO2		#	First reported PaO2 (mmHg)	First non-missing BLABGPaO2 value from the Baseline dataset

Variable	Format	Type	Label	Algorithm / Notes
FirstABGSat		#	First reported Saturation (%)	First non-missing BLABGSat value from the Baseline dataset
FirstABGBicarb		#	First reported Bicarbonate (mmol/L)	First non-missing BLABGBicarb value from the Baseline dataset
Firstlactate		#	First reported Lactate (mmol/L)	First non-missing BLLactate value from the Baseline_Lactate dataset
FirstSodium		#	First reported Serum sodium concentration (mmol/L)	First non-missing BLSodium value from the PreInterven_Elytes dataset
FirstPotassium		#	First reported Serum potassium concentration (mmol/L)	First non-missing BLPotassium value from the PreInterven_Elytes dataset
FirstBicarbonate		#	First reported Serum bicarbonate concentration (mmol/L)	First non-missing BLBicarbonate value from the PreInterven_Elytes dataset
FirstChloride		#	First reported Serum chloride concentration (mmol/L)	First non-missing BLChloride value from the PreInterven_Elytes dataset
FirstBUNitrogen		#	First reported Serum BUN concentration (mmol/L)	First non-missing BLBUNitrogen value from the PreInterven_Elytes dataset
FirstCreatinine		#	First reported Serum creatinine concentration (mmol/L)	First non-missing BLCreatinine value from the PreInterven_Elytes dataset
Firstglucose		#	First reported Serum glucose concentration (mmol/L)	First non-missing BLGlucose value from the PreInterven_Elytes dataset
Firstmagnesium		#	First reported Magnesium (mg/dL)	First non-missing BLMagnesium value from the Baseline_Chemistry dataset
Firstionizedca		#	First reported Ionized calcium (mmol/L)	First non-missing BLIonizedCa value from the Baseline_Chemistry dataset
Firsttotalca		#	First reported Total calcium (mg/dL)	First non-missing BLTotalCa value from the Baseline_Chemistry dataset
Firstphosphate		#	First reported Phosphate (mg/dL)	First non-missing BLPhosphate value from the Baseline_Chemistry dataset
FirstALT		#	First reported ALT/SGPT (U/L)	First non-missing BLALT value from the Baseline_Liver dataset
FirstAST		#	First reported AST/SGOT (U/L)	First non-missing BLAST value from the Baseline_Liver dataset
FirstBilirubin		#	First reported Total Bilirubin (mg/dL)	First non-missing BLBilirubin value from the Baseline_Liver dataset
FirstPT		#	First reported PT (seconds)	First non-missing BLPT value from the Baseline_Coags dataset

Variable	Format	Type	Label	Algorithm / Notes
FirstPTT		#	First reported PTT (seconds)	First non-missing BLPTT value from the Baseline_Coags dataset
FirstINR		#	First reported INR	First non-missing BLINR value from the Baseline_Coags dataset
FirstAmylase		#	First reported Amylase (U/L)	First non-missing BLAmylase value from the Baseline_Pancreas dataset
FirstLipase		#	First reported Lipase (U/L)	First non-missing BLLipase value from the Baseline_Pancreas dataset
FirstHgb		#	First reported Hemoglobin (g/dL)	First non-missing BLHgb value from the Baseline_CBC dataset
FirstPlatelet		#	First reported Platelet count (10^3/microL)	First non-missing BLPlatelet value from the Baseline_CBC dataset
FirstWBC		#	First reported White blood cell (10^3/microL)	First non-missing BLWBC value from the Baseline_CBC dataset
BLVabs		#	Pre-cardiac arrest VABS Adaptive Behavior Composite Score	= ABC_STD_SCORE from the VABS dataset where VABSPhase = ”BASELINE”
BLPCPC	PCPCDER 1 = Normal = 1 2 = Mild disability = 2 3 = Moderate disability = 3 4 = Severe disability = 4 5 = Coma or vegetative state = 5	#	Pre-cardiac arrest PCPC	=PCPC from the BLNeurobeharioral dataset
BLPOPC	POPCDER 1 = Good = 1 2 = Mild disability = 2 3 = Moderate disability = 3 4 = Severe disability = 4 5 = Coma or vegetative state = 5	#	Pre-cardiac arrest POPC	=POPC from the BLNeurobeharioral dataset

Variable	Format	Type	Label	Algorithm / Notes
DeathRe	DV6861G 1 = Cardiovascular failure/futility 2 = Neurologic brain death declared 3 = Respiratory failure/futility 4 = Withdrawal for poor neurologic prognosis 5 = Withdrawal for other system failure 95 = Other 97 = Unknown	#	Cause of Death	= DeathReason from DeathInfo dataset
ELCompScCat2	MULLRANGETWO 1 = Lowest possible score 2 = 49 - 69 (well below average) 3 = 70 - 84 (below average) 4 = 85 - 115 (average) 5 = > 115 (above average)	#	Early learning composite category	= 1 if Neurobatlt6.ELCompSclt49 is Yes = 2 if if 49 <= Neurobatlt6.ELCompSc <= 69 = 3 if 70 <= Neurobatlt6.ELCompSc <= 84 = 4 if 85 <= Neurobatlt6.ELCompSc <= 115 = 5 if 115 < Neurobatlt6.ELCompSc
WASIFAIQCat	WASIRANGE 1 = Lowest possible score 2 = 55 - 69 (well below average) 3 = 70 - 84 (below average) 4 = 85 - 115 (average) 5 = > 115 (above average)	#	Intelligence domain: Full-scale IQ score category	= 1 if month12onsite.Nbehav_NDRes = “KKI determined as not necessary” and for one subject identified by KKI = 2 if 55 <= Neurobat6to16.WASIFull <= 69 = 2 if 55 <= Neurobatgte17.WASIFull <= 69 = 3 if 70 <= Neurobat6to16.WASIFull <= 84 = 3 if 70 <= Neurobatgte17.WASIFull <= 84 = 4 if 85 <= Neurobat6to16.WASIFull <= 115 = 4 if 85 <= Neurobatgte17.WASIFull <= 115 = 5 if 115 < Neurobat6to16.WASIFull = 5 if 115 < Neurobatgte17.WASIFull

Variable	Format	Type	Label	Algorithm / Notes
Mullwasicat2	MULLWASITWO 1 = Lowest possible score 2 = < 70 (well below average) 3 = 70 - 84 (below average) 4 = 85 - 115 (average) 5 = > 115 (above average)	#	Mullen or WASI score category (all ages combined)	= ELCompScCat2 if ELCompScCat2 is not NULL = WASIFAIQCat if WASIFAIQCat is not NULL
Hypokalemia	YN	#	During first 5 days, patient had at least one reported AE with MedDRA lower level term of 'Hypokalemia'	= 1 if subject has a record in the adverseevents dataset where AEStartDay <= 5 AND AELLT="Hypokalemia" = 0 otherwise
Hyperkalemia	YN	#	During first 5 days, patient had at least one reported AE with MedDRA lower level term of 'Hyperkalemia'	= 1 if subject has a record in the adverseevents dataset where AEStartDay <= 5 AND AELLT=" Hyperkalemia" = 0 otherwise
Hypoglycemia	YN	#	During first 5 days, patient had at least one reported AE with MedDRA lower level term of 'Hypoglycemia'	= 1 if subject has a record in the adverseevents dataset where AEStartDay <= 5 AND AELLT=" Hypoglycemia" = 0 otherwise
Hyperglycemia	YN	#	During first 5 days, patient had at least one reported AE with MedDRA lower level term of 'Hyperglycemia'	= 1 if subject has a record in the adverseevents dataset where AEStartDay <= 5 AND AELLT=" Hyperglycemia" = 0 otherwise
Hypophosphatemia	YN	#	During first 5 days, patient had at least one reported AE with MedDRA lower level term of 'Hypophosphatemia'	= 1 if subject has a record in the adverseevents dataset where AEStartDay <= 5 AND AELLT=" Hypophosphatemia" = 0 otherwise
Neutropenia	YN	#	During first 5 days, patient had at least one reported AE with MedDRA lower level term of 'Neutropenia'	= 1 if subject has a record in the adverseevents dataset where AEStartDay <= 5 AND AELLT=" Neutropenia" = 0 otherwise
Thrombocytopenia	YN	#	During first 5 days, patient had at least one reported AE with MedDRA lower level term of 'Thrombocytopenia'	= 1 if subject has a record in the adverseevents dataset where AEStartDay <= 5 AND AELLT=" Thrombocytopenia" = 0 otherwise

Variable	Format	Type	Label	Algorithm / Notes
ClinElectroSz	YN	#	During first 5 days, patient had a clinical or electrographic seizure	= 1 if ClinicalSz = Yes or ElectroSz = Yes in any of the Day0, Day1, Day2, Day3, Day4, or Day5 datasets = 0 otherwise
RepeatCA5days	YN	#	During first 5 days, patient had a repeat cardiac arrest	= 1 if CAYN = Yes in any of the Day0, Day1, Day2, Day3, Day4, or Day5 datasets = 0 otherwise
Dialytic	YN	#	During first 5 days, patient received any form of renal replacement therapy	= 1 if DialyticYN = Yes in any of the Day0, Day1, Day2, Day3, Day4, or Day5 datasets = 0 otherwise
Race5	RACE 1 = American Indian or Alaska Native 2 = Asian 3 = Black or African American 4 = Native Hawaiian or Other Pacific Islander 5 = White 97 = Unknown 95 = Other	#	Race (Grouped into Asian, Black, White, Other, and Unknown)	= 95 if Race from Demographics dataset is American Indian or Alaska Native or Native Hawaiian or Other Pacific Islander = Race otherwise
Ethnicity	ETHNIC 1 = Hispanic or Latino 2 = Not Hispanic or Latino 97 = Stated as Unknown	#	Ethnicity	Copy from Demographics dataset
CHDYN	YESNO	#	Did the patient have congenital heart disease?	Copy from CardiacPatients_v2 dataset
CardiacSurgYN	YESNO	#	Was this a post-operative cardiac surgery patient at the time of screening (i.e. had cardiac surgery during this hospitalization)?	Copy from CardiacPatients_v2 dataset
CPRDurationCalcRange	CPRDURATIONCALCRANGE 1 = 2-15 2 = 15-30 3 = >30 97 = Unknown	#	CPR Duration (minutes)	Based on CPRtime and ROCTime (if both are available) or CPRDuration (all from the IHCardiacArr dataset)

Variable	Format	Type	Label	Algorithm / Notes
CACauseIH2	CACAUSE	#	Recoded Primary etiology of cardiac arrest (IH patients)	= 95 if CACauseIH is not Cardiovascular or Congenital Heart Disease or Respiratory = CACauseIH otherwise

Temperature

Variable	Format	Type	Label	Algorithm / Notes
SubjectID		#	Subject ID	Randomly generated ID number that uniquely identifies an enrolled (randomized) subject across datasets
Temp		#	Primary Temperature (°C)	Temperature recorded in the temperature logs for the temperature route indicated to be the primary probe location (according to the primary probe form) at the time of the temperature collection
Time		#	Time from treatment initiation (hours)	Temperature date/time – Treatment Initiation date/time