Public Use Dataset Annotated eCRF

Pediatric Intensive Care Quality of CPR (PICqCPR)

CPCCRN Protocol Number 041

Collaborative Pediatric Critical Care Research Network

Eunice Kennedy Shriver National Institute for Child

Health and Human Development (NICHD)

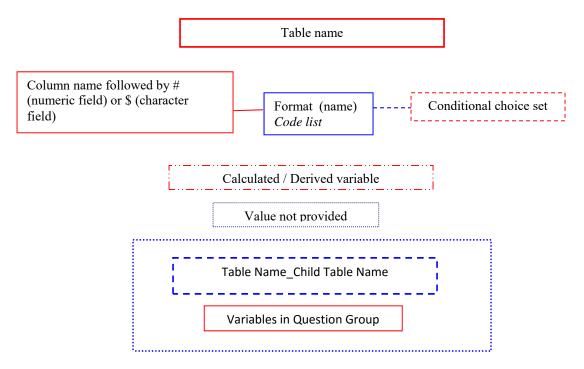
PUD Annotated eCRF Version 1

Version Date: May 22, 2018

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Annotations key

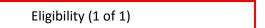


Notes

StudySubjectID was replaced by PudID which uniquely identifies a CPR event across datasets.

Occurrence and ItemGroupRepatKey are also unique CPR event identifiers and appear where applicable.

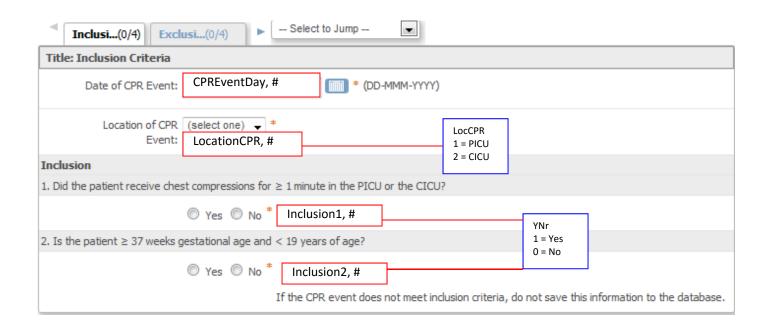
All date variables are recoded to be number of days since hospital admission. Variable names and labels are changed as well. For example, the variable ICUDischargeDate will be called ICUDischargeDay and the label will change from "Date of ICU Discharge" to "Day of ICU Discharge (relative to Hospital Admission). No actual dates will be included.

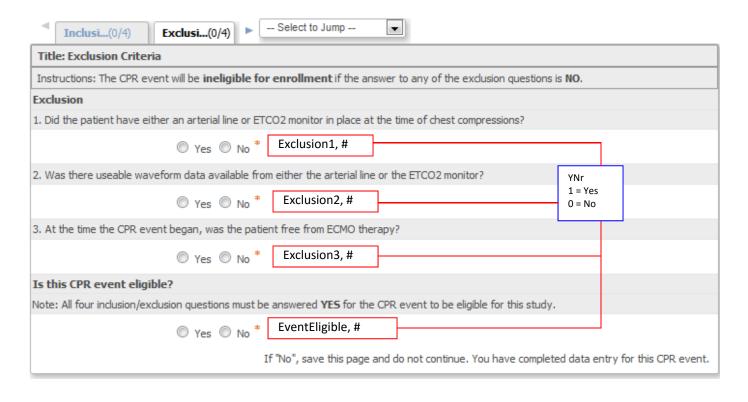


PICqCPR Eligibility:

PudID#

Occurrence #





			VitalsPre (1 of 1)					
PICqCPR PRE-	-CPR Event Hen	nodynamic Vari	ables:	PudID# Od	ccurrence #	ItemGr	oupRepeatKey #	
Title: Vital Measureme	ents							
Instructions: The following	ing variables will be collected, a	as available, once every minute	for a maximum of ten minutes p	prior to the beginning of o	hest compressions			
Minute(s) Prior to Chest Compressions	Heart Rate (bpm)	Systolic Arterial BP (mmHg)	Diastolic Arterial BP (mmHg)	Mean Arterial BP (mmHg)	ETCO2 (mmHg		entral Venous Pressure/ Right Atrial Pressure (mmHg)	Sp02 (%)
VitalsMinutePrior, (select one) ▼		SBP,#	DBP,#	MeanBP, #	ETCO2, #		CVP,#	SPO2, #
(select one) ▼	HeartRate, #							
(select one) ▼								
(select one) ▼								
(select one) ▼								
(select one) ▼								
(select one) ▼								
(select one) ▼								
(select one) ▼								
(select one) ▼								
Add							,	

-10 = -10 -9 = -9 -8 = -8 -7 = -7 -6 = -6 -5 = -5 -4 = -4 -3 = -3

MinPrior

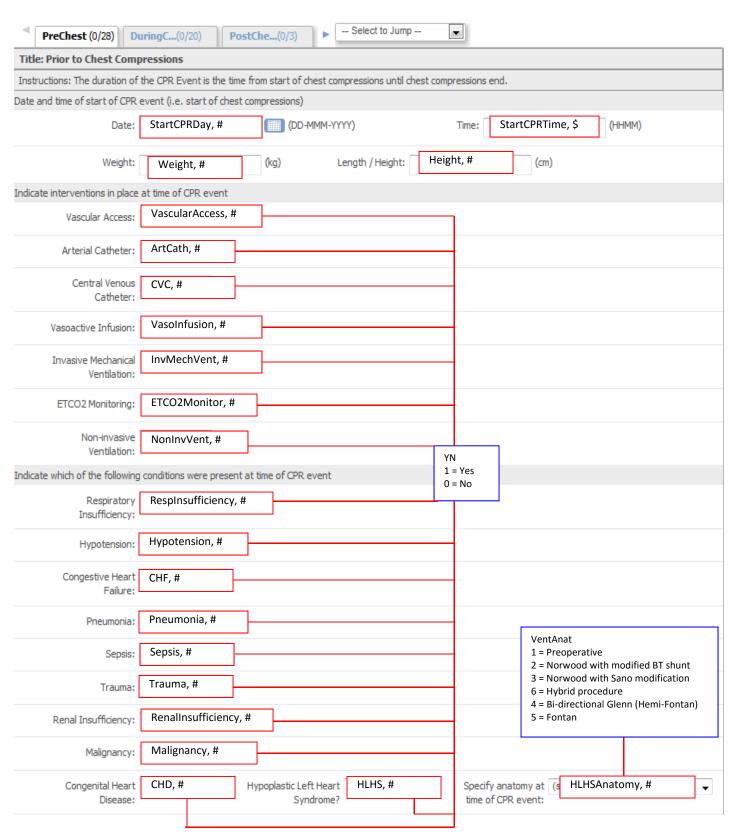
-3 = -3 -2 = -2 -1 = -1

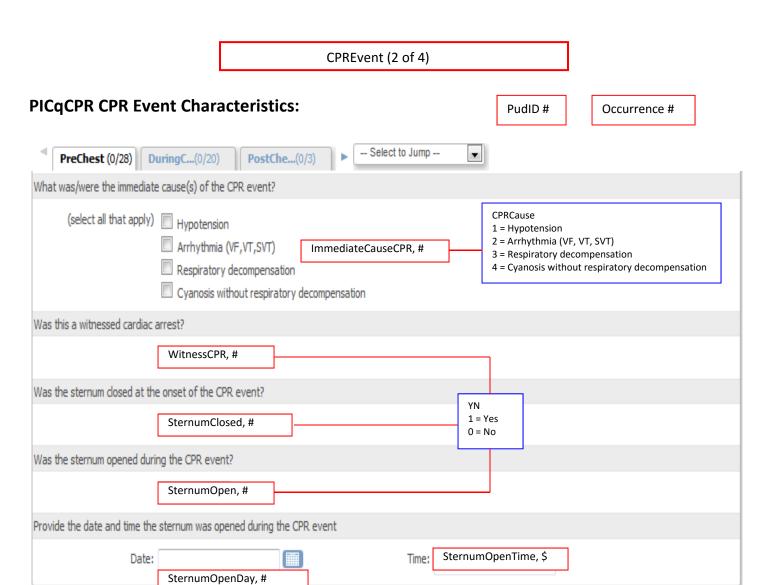
CPREvent (1 of 4)

PICqCPR CPR Event Characteristics:

PudID#

Occurrence #

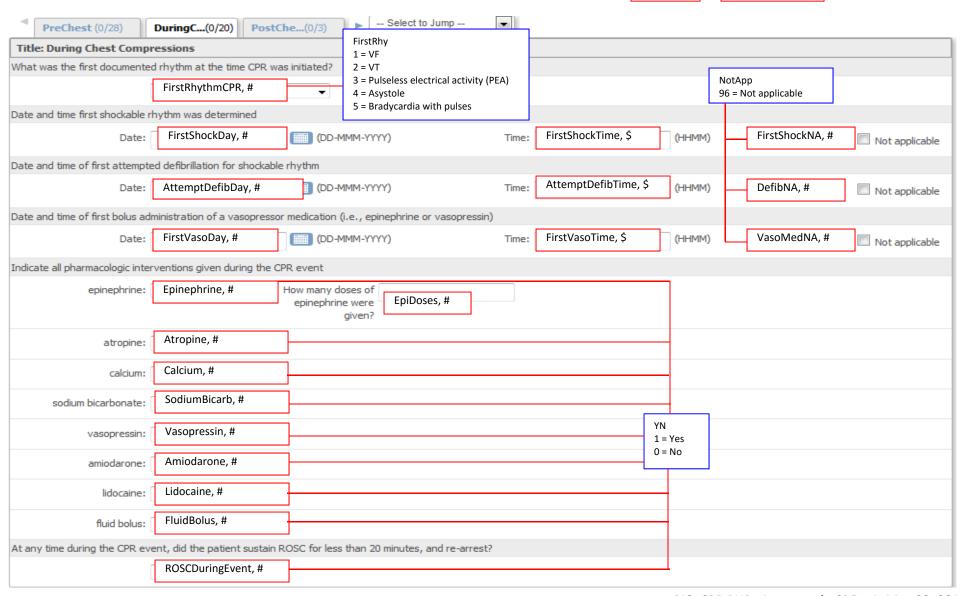


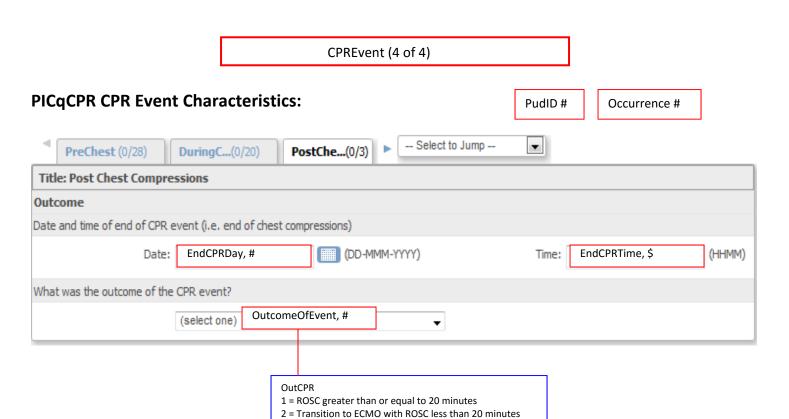


CPREvent (3 of 4)

PICqCPR CPR Event Characteristics:

PudID # Occurrence #





3 = Transition to ECMO without ROSC

4 = Died

PICqCPR POST CPR Event Hemodynamic Variables:

PudID# Occurrence# ItemGroupRepeatKey#

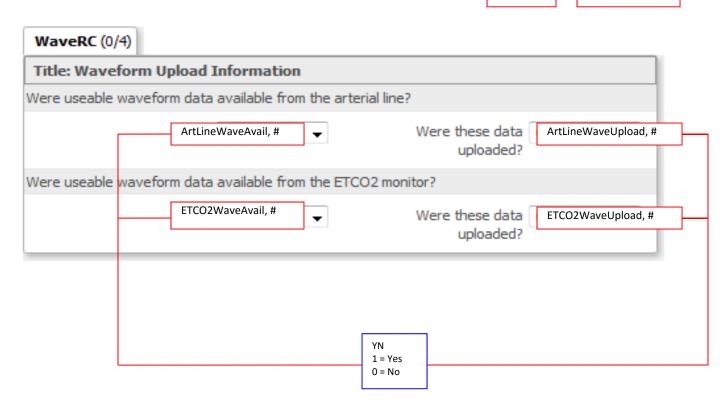
Vitals (0/8) Title: Vital Measurements Instructions: The following variables will be collected, as available, once every five minutes for the first 20 minutes after chest compressions have ended. If values are not available at the exact time points listed (+5, +10, +15, +20), obtain the nearest values thereafter, within 2 minutes (e.g., +6, +12, etc). If the variable is not available, leave the data field blank. Central Venous Pressure/ Minute(s) After End **Heart Rate** Systolic Arterial BP Diastolic Arterial BP Mean Arterial BP ETC02 Sp02 Right Atrial Pressure of Chest Compressions (%) (bpm) (mmHg) (mmHg) (mmHg) (mmHg) (mmHg) MeanBP, # ETCO2,# CVP, # VitalsMinutePost, # HeartRate, # SBP, # DBP, # SPO2, # (select one) -(select one) ▼ (select one) -Add

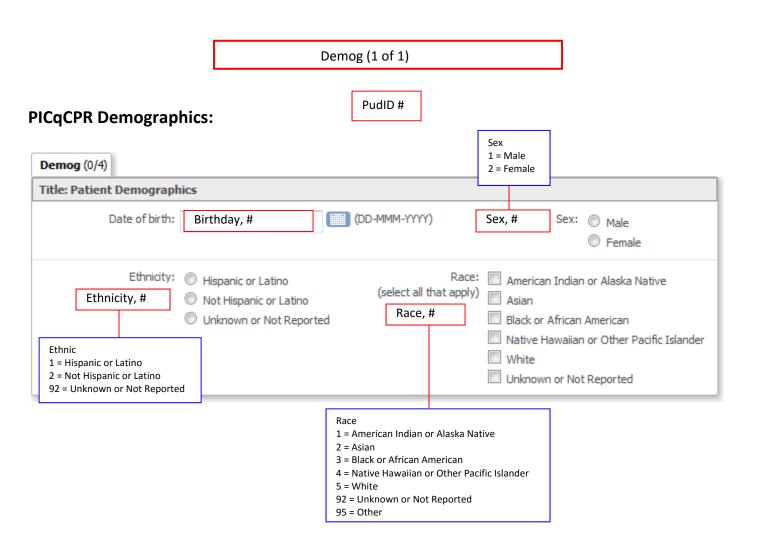
MinPost 5 = +5 10 = +10 15 = +15 20 = +20 WaveRC (1 of 1)

PICqCPR Waveform Upload Information:

PudID#

Occurrence #

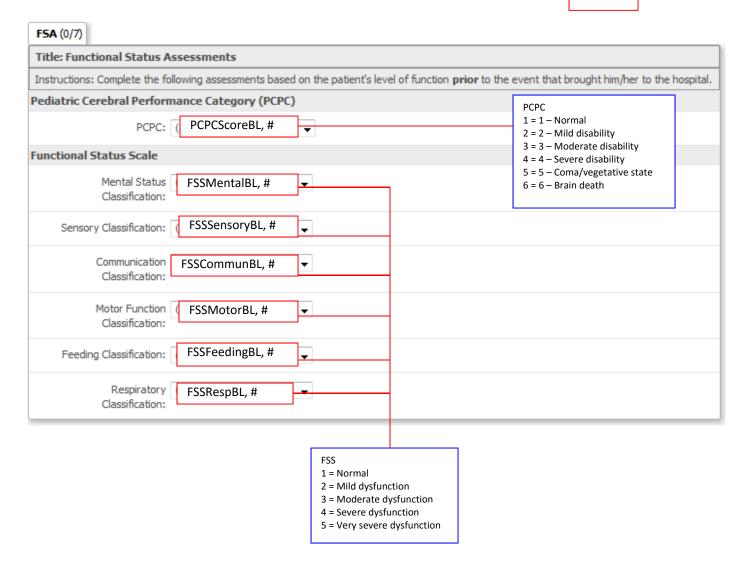




BaseFSS (1 of 1)

PICqCPR Baseline Functional Status Assessment:

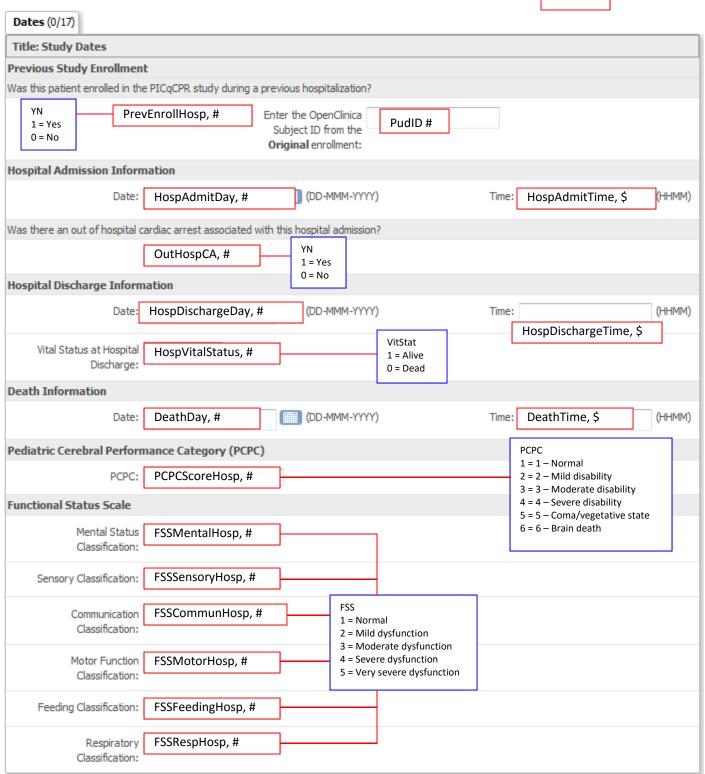
PudID#



HospDates (1 of 1)

PICqCPR Hospitalization Dates and Death Information:

PudID#



PICqCPR ICU Dates and Other Information: PudID# Occurrence # IIICat 1 = Medial cardiac 2 = Medical non-cardiac 3 = Surgical cardiac 4 = Surgical non-cardiac ICUInfo (0/13) Title: ICU Dates and Other Information **ICU Admission Information** (DD-MMM-YYYY) ICUAdmitTime, \$ (HHMM) Date: ICUAdmitDay, # IllnessCat, # Illness Category: **ICU Discharge Information** Date: ICUDischargeDay, # (DD-MMM-YYYY) (HHMM) Time: ICUDischargeTime, \$ VitStat ICUVitalStatus, # Vital Status at ICU 1 = Alive 0 = DeadDischarge: PCPC Pediatric Cerebral Performance Category (PCPC) 1 = 1 - Normal2 = 2 - Mild disability PCPC: PCPCScorePICU, # 3 = 3 - Moderate disability 4 = 4 - Severe disability Functional Status Scale 5 = 5 – Coma/vegetative state 6 = 6 - Brain deathFSSMentalPICU, # Mental Status Classification: Sensory Classification: FSSSensoryPICU, # Communication FSSCommunPICU, # 1 = Normal Classification: 2 = Mild dysfunction 3 = Moderate dysfunction 4 = Severe dysfunction FSSMotorPICU, # Motor Function 5 = Very severe dysfunction Classification: FSSFeedingPICU, # Feeding Classification: FSSRespPICU, # Respiratory Classification:

WavePI (1 of 1)

PICqCPR Arterial Line Waveform Extraction Data:

PudID # Occurrence # ItemGroupRepeatKey #

Title: Arteri	ial Line \	Waveform Extraction Da	ita					
Instructions: longer than 1			each one-minute epoch during t	he first ten minutes of chest compres	sions. The last minute prior to end	d of chest compressions should	d also be recorded if the even	it was
Page:		Mark CRF Complete	Save E	xit				
		Date:	(DD-MMM-YYYY	17				
Minute o CPR Ever (minute	nt	Average SaBP (mmHg)	Average DaBP (mmHg)	Average CVP/RAP (mmHg)	Average Chest Compression Rate (/minute)	Time of "no data" (seconds)	Time of "no flow" (seconds)	
1inuteCPR,	#		AvgDBP, #		Value not provided		NoFlowData, #	X
(select one)) 🔻	AvgSBP, #		Value not provided		NoCPRData, #		Х
(select one)								Х
MinCPR 1 = 1	▼ [X
2 = 2	▼ [Х
3 = 3 4 = 4	▼ [X
5 = 5	₹ [X
6 = 6 7 = 7	₹ [X
8 = 8	₽							X
9 = 9 10 = 10	Ţ							×
10 = 10 11 = Final	Ţ							(х
Add						Wave	PI_Extract	- 1
						i		
	Comm		t provided	ili				••••••

PICqCPR ETCO2 Extraction Data:

PudID # Occurrence # ItemGroupRepeatKey #

EtCO2Ex(0/6)				
Title: EtCO2 Extra	ction Data			
Instructions: Record if the event was long		each one-minute epoch during t	he first ten minutes of chest co	compressions. The last minute prior to end of chest compressions should also be reco
Page:	Mark CRF Complete	Save	Exit	
	Date:	(DD-MMM-YYYY)	ETCO2CPREventDav.#	
Minute of CPR Event (minute)	Average ETCO2 (mmHg)	Average RR (breaths/minute)	Time of "no data" (seconds)	
ETCO2MinuteCPF	₹,#	AvgRespRate, #		
(select one) ▼	AvgETCO2 #		ETCO2NoCPRData, #	
(select one) ▼				
(select one) →				
(select one) →				
(select one) ▼				
(select one) →				
(select one) ▼				
(select one) →				
(select one) →				
(select one) ▼				ETCO2Analysis_EtCO2ExtractLog
Add				LICOZANIIYSIS_LICOZEANI BULLUĞ
				i
Com	Value not	provided		
			.:1	