

Data Set Name: contacts.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	TxGroup	Char	20	\$20.	\$20.	TxGroup
2	Visit	Char	50	\$50.	\$50.	Visit
3	insulinKg	Num	8			
4	pumpFlg	Num	8			
5	peakCpep	Num	8			
6	cpepAvgAUC	Num	8			
7	log_cpepAvgAUC	Num	8			
8	a1c	Num	8			
9	a1c_mmol	Num	8			
10	bmi	Num	8			
11	bmiPerc	Num	8			
12	PtID	Char	30	\$30.	\$30.	DeidentID

Data Set Name: gluindices.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	Visit	Char	50	\$50.	\$50.	Visit
2	gluMean	Num	8	3.	11.	Mean glucose
3	gluInRange	Num	8	PERCENT6.		71-180mg/dL
4	gluBelow70	Num	8	PERCENT7.1		% below 70 mg/dL
5	gluAbove180	Num	8	PERCENT6.		% above 180 mg/dL
6	gluCV	Num	8			Coefficient of variation= $\text{gluSD}/\text{gluMean}$
7	TxGroup	Char	20	\$20.	\$20.	TxGroup
8	PtID	Char	30	\$30.	\$30.	DeidentID

Data Set Name: padvent.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ParentLoginVisitID	Char	1	\$1.	\$1.	Visit Identification number linking together pieces of a visit
2	PtID	Num	8	BEST12.	BEST32.	Patient Id
3	SiteID	Num	8	BEST12.	BEST32.	Site Id
4	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
5	AdverseEvent	Char	35	\$35.	\$35.	Adverse Event
6	AEOnsetDt	Num	8	YYMMDD10.	YYMMDD10.	Date of Onset
7	AEPrEnroll	Char	4	\$4.	\$4.	Did this condition exist prior to enrollment
8	AEIntensity	Char	8	\$8.	\$8.	Intensity (Severity)
9	AERelSensB	Char	3	\$3.	\$3.	Is there a reasonable possibility that the event was caused by the CGM
10	AERelProcB	Char	4	\$4.	\$4.	Is there a reasonable possibility that the event was caused by a study procedure other than CGM use
11	AEEffSensor	Char	29	\$29.	\$29.	Effect on CGM
12	AE Serious	Char	4	\$4.	\$4.	Does the event meet criteria for a serious adverse event
13	AETrt	Char	3	\$3.	\$3.	Did patient receive treatment for the Adverse Event
14	AE Surg	Char	2	\$2.	\$2.	Surgery
15	AE SurgDt	Char	1	\$1.	\$1.	Date of surgery
16	AE OthTrt	Char	3	\$3.	\$3.	Other Treatment of Adverse Event
17	AE Outcome	Char	60	\$60.	\$60.	Outcome
18	AEResDt	Num	8	YYMMDD10.	YYMMDD10.	Date of Recovery (with or without sequelae)
19	AEDeathCause	Char	1	\$1.	\$1.	Cause of Death
20	AETime	Char	1	\$1.	\$1.	Indicate the approximate time of the event
21	AEHypoTime	Char	17	\$17.	\$17.	Indicate the approximate time of the event
22	AEHGM	Char	4	\$4.	\$4.	Was the glucose level checked on a home glucose meter
23	AEHGMMgdl	Num	8	BEST12.	BEST32.	Result if glucose was checked on HGM
24	AEHGMMUnknown	Char	1	\$1.	\$1.	Glucose was checked on HGM result is unknown
25	AESeizure	Char	1	\$1.	\$1.	Seizure
26	AE Conscious	Num	8	BEST12.	BEST32.	Loss of consciousness
27	AE Assist	Num	8	BEST12.	BEST32.	Required assistance
28	AE ER Visit	Char	1	\$1.	\$1.	ER Visit
29	AE Ambulance	Char	1	\$1.	\$1.	Ambulance Called
30	AE EMT Asst	Char	1	\$1.	\$1.	EMT Assistance
31	AE Hospital	Char	1	\$1.	\$1.	Hospitalization
32	AE Sensor Used	Char	4	\$4.	\$4.	Was the subject wearing an unblinded sensor at the time of the event
33	AE Sensor MgdL	Char	1	\$1.	\$1.	If subject was wearing an unblinded sensor what was the glucose reading at the time the event was identified

Num	Variable	Type	Len	Format	Informat	Label
34	AEsensorUnknown	Num	8	BEST12.	BEST32.	If subject was wearing an unblinded sensor at the time the event was identified the glucose was checked and the result was unknown
35	Weight	Num	8	BEST12.	BEST32.	Weight
36	WeightMeas	Char	4	\$4.	\$4.	Weight Measurement
37	WeightNotAvail	Num	8	BEST12.	BEST32.	Weight: Not available
38	AEDeath	Char	1	\$1.	\$1.	Outcomes attributed to the Serious Adverse Event: Death
39	AEDeathDt	Char	1	\$1.	\$1.	Date of Death
40	AEConAnomaly	Char	1	\$1.	\$1.	Outcomes attributed to the Serious Adverse Event: Congenital Anomaly
41	AELifeThreat	Num	8	BEST12.	BEST32.	Outcomes attributed to the Serious Adverse Event: Life Threatening
42	AEIntervention	Char	1	\$1.	\$1.	Outcomes attributed to the Serious Adverse Event: Required Intervention to prevent permanent impairment/damage
43	AEHosp	Num	8	BEST12.	BEST32.	Outcomes attributed to the Serious Adverse Event: Hospitalization -- initial or prolonged
44	AEDisability	Char	1	\$1.	\$1.	Disability/Incapacity
45	AEOther	Char	1	\$1.	\$1.	Outcomes attributed to the Serious Adverse Event: Other
46	AERelLabData	Char	4	\$4.	\$4.	Relevant Tests/Laboratory Data
47	AEOTHrelHx	Char	4	\$4.	\$4.	Other relevant history, including preexisting medical conditions (e.g., allergies, race, pregnancy, smoking and alcohol use, hepatic/renal dysfunction, etc)
48	AEMedProd	Char	4	\$4.	\$4.	Concomitant medical products and therapy dates (exclude treatment of event)

Data Set Name: *pclactivedata.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PtID	Num	8	BEST12.	BEST32.	Patient Id
2	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
3	CLActiveStartDtTm	Num	8	DATETIME.	ANYDTDTM40.	Start time of closed loop control
4	CLActiveEndDtTm	Num	8	DATETIME.	ANYDTDTM40.	Start time of closed loop control

Data Set Name: *pclhypereventsdetail.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	ParentLoginVisitID	Num	8	BEST12.	BEST32.	Visit Identification number linking together pieces of a visit
2	PtID	Num	8	BEST12.	BEST32.	Patient ID
3	SiteID	Num	8	BEST12.	BEST32.	Site ID
4	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
5	ParentPCLHypoHyperEventsID	Num	8	BEST12.	BEST32.	RecID from tblPCLHypoHyperEvents
6	RowID	Num	8	BEST12.	BEST32.	RowID
7	CLHyperEventDtTm	Char	19	\$19.	\$19.	Date and Time of Hyperglycemic Event
8	CLHyperGlucResNA	Num	8	BEST12.	BEST32.	Glucose Result of Hyperglycemic Event Not Available
9	CLHyperGlucRes	Num	8	BEST12.	BEST32.	Glucose Result of Hyperglycemic Event
10	CLHyperKetoneResNA	Num	8	BEST12.	BEST32.	Ketone Result of Hyperglycemic Event Not Available
11	CLHyperKetoneRes	Num	8	BEST12.	BEST32.	Ketone Result of Hyperglycemic Event
12	CLHyperFunc	Char	3	\$3.	\$3.	Closed Loop Functioning for Hyperglycemic Event

Data Set Name: *pclhypoeventsdetail.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	ParentLoginVisitID	Num	8	BEST12.	BEST32.	Visit Identification number linking together pieces of a visit
2	PtID	Num	8	BEST12.	BEST32.	Patient ID
3	SiteID	Num	8	BEST12.	BEST32.	Site ID
4	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
5	ParentPCLHypoHyperEventsID	Num	8	BEST12.	BEST32.	RecID from tblPCLHypoHyperEvents
6	RowID	Num	8	BEST12.	BEST32.	RowID
7	CLHypoEventDtTm	Num	8	DATETIME.	ANYDTDTM40.	Date and Time of Hypoglycemic Event
8	CLHypoGlucResNA	Char	1	\$1.	\$1.	Glucose Result of Hypoglycemic Event Not Available
9	CLHypoGlucRes	Num	8	BEST12.	BEST32.	Glucose Result of Hypoglycemic Event
10	CLHypoFunc	Char	3	\$3.	\$3.	Closed Loop Functioning for Hypoglycemic Event
11	CLHypoMeetCrit	Char	4	\$4.	\$4.	Hypoglycemic Event Meets Criteria Above

Data Set Name: pclhypohyperevents.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ParentLoginVisitID	Num	8	BEST12.	BEST32.	Visit Identification number linking together pieces of a visit
2	PtID	Num	8	BEST12.	BEST32.	Patient ID
3	SiteID	Num	8	BEST12.	BEST32.	Site ID
4	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
5	CLHypoEpisReqTx	Char	3	\$3.	\$3.	Did the subject have any episodes of hypoglycemia (glucose <70 mg/dL) requiring treatment
6	CLHyperEpisReqBol	Char	4	\$4.	\$4.	Did the subject have any episodes of hyperglycemia requiring a manual bolus

Data Set Name: *pclinsulindata.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PtID	Num	8	BEST12.	BEST32.	Patient ID
2	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
3	BolusDtTm	Num	8	DATETIME.	ANYDTDTM40.	Date and time of insulin delivery
4	BolusAmt	Num	8	BEST12.	BEST32.	Units of insulin delivered

Data Set Name: *pclmealdata.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PtID	Num	8	BEST12.	BEST32.	Patient ID
2	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
3	RefDtTm	Char	19	\$19.	\$19.	Date and time from CRC event file
4	CHO	Num	8	BEST12.	BEST32.	Carbohydrate amount (g)
5	MealType	Char	11	\$11.	\$11.	Type of meal
6	CHOType	Char	7	\$7.	\$7.	Type of carbohydrate
7	Protein	Num	8	BEST12.	BEST32.	Protein amount (g)
8	Fat	Num	8	BEST12.	BEST32.	Fat amount (g)

Data Set Name: *pcirefglucdata.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PtID	Num	8	BEST12.	BEST32.	Patient ID
2	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
3	RefDtTm	Char	19	\$19.	\$19.	Date and time of reference glucose
4	GlucoScoutRes	Num	8	BEST12.	BEST32.	GlucoScout result (mg/dL)
5	RefDevice	Char	7	\$7.	\$7.	Reference device name
6	RefResult	Char	7	\$7.	\$7.	Reference glucose result (mg/dL)
7	RefConvFactor	Num	8	BEST12.	BEST32.	Reference conversion factor
8	RefResultConv	Num	8	BEST12.	BEST32.	Converted reference glucose result (mg/dL)
9	MeterResult	Num	8	BEST12.	BEST32.	Meter glucose result (mg/dL)
10	GlucoScoutRunNum	Num	8	BEST12.	BEST32.	GlucoScout result run number

Data Set Name: *pclsensordata.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PtID	Num	8	BEST12.	BEST32.	Patient ID
2	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
3	SensorDtTm	Char	19	\$19.	\$19.	Date and time of sensor reading
4	SensorRes	Num	8	BEST12.	BEST32.	Sensor glucose (mg/dL)
5	PumpEnable	Char	5	\$5.	\$5.	Insulin pump enabled

Data Set Name: *pcltherapy.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	ParentLoginVisitID	Num	8	BEST12.	BEST32.	Visit Identification number linking together pieces of a visit
2	PtID	Num	8	BEST12.	BEST32.	Patient ID
3	SiteID	Num	8	BEST12.	BEST32.	Site ID
4	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
5	NoCLTuning	Num	8	BEST12.	BEST32.	No changes were made to the closed loop tuning parameters.
6	NoCLOverride	Num	8	BEST12.	BEST32.	No system overrides were made for the closed loop therapy.

Data Set Name: pconcommdetail.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
2	PtID	Num	8	BEST12.	BEST32.	Patient Identifier
3	DrugBrandName	Char	21	\$21.	\$21.	Brand name of the medication
4	MedDose	Num	8	BEST12.	BEST32.	Dose per administration
5	MedUnit	Char	11	\$11.	\$11.	Medication Unit
6	MedDoseUNK	Num	8	BEST12.	BEST32.	Medication Dose Unknown
7	MedRoute	Char	19	\$19.	\$19.	Route
8	MedFreqNum	Num	8	BEST12.	BEST32.	Frequency
9	MedFreqPeriod	Char	5	\$5.	\$5.	Frequency Period
10	MedFreqOne	Num	8	BEST12.	BEST32.	Medication Frequency: One time treatment
11	MedFreqUNK	Num	8	BEST12.	BEST32.	Medication Frequency Unknown
12	MedFreqSame	Char	3	\$3.	\$3.	Same dose consistent
13	MedIndication	Char	28	\$28.	\$28.	Indication
14	PreExistSystem	Char	17	\$17.	\$17.	If Pre-Existing Condition, system
15	AdverseEventTreated	Char	22	\$22.	\$22.	Adverse event treated with medication
16	MedStartDt	Num	8	YYMMDD10.	YYMMDD10.	Start Date
17	MedStartCat	Char	38	\$38.	\$38.	Medication Start Date Range Category
18	MedStopDt	Num	8	YYMMDD10.	YYMMDD10.	Stop Date
19	MedOngoing	Num	8	BEST12.	BEST32.	Ongoing

Data Set Name: pccadmissiondischarge.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ParentLoginVisitID	Num	8	BEST12.	BEST32.	Visit Identification number linking together pieces of a visit
2	PtID	Num	8	BEST12.	BEST32.	Patient ID
3	SiteID	Num	8	BEST12.	BEST32.	Site ID
4	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
5	CRCAdmDt	Num	8	YYMMDD10.	YYMMDD10.	Admission Date
6	BaseKetone	Num	8	BEST12.	BEST32.	Serum ketone result at the time of admission
7	BaseKetoneUnits	Char	6	\$6.	\$6.	Admission Ketone Units
8	BaseGlucose	Num	8	BEST12.	BEST32.	Glucose result at the time of admission
9	CLStartDtTm	Num	8	DATETIME.	ANYDTDTM40.	Date and time closed-loop system started
10	CLEndDtTm	Num	8	DATETIME.	ANYDTDTM40.	Date and time closed-loop system ended
11	CLDuration	Num	8	BEST12.	BEST32.	Calculated duration of closed-loop therapy during CRC visit (in hours, provided by Medtronic)
12	CRCDisDt	Num	8	YYMMDD10.	YYMMDD10.	Discharge Date
13	ComplAdm	Char	4	\$4.	\$4.	Did the subject complete the admission per protocol?
14	ClosedLoopTm	Num	8	BEST12.	BEST32.	Approximate length of time on the functioning closed loop system
15	AdvEvents	Char	4	\$4.	\$4.	Did any reportable adverse events occur in the CRC?
16	AdmKetone	Char	4	\$4.	\$4.	Did any serum ketones develop during the CRC admission?
17	TargetGlucDay	Num	8	BEST12.	BEST32.	Target glucose for correction during the day
18	AcceptGlucDay	Char	8	\$8.	\$8.	Acceptable glucose range during the day
19	TargetGlucNight	Num	8	BEST12.	BEST32.	Target glucose for correction overnight
20	AcceptGlucNight	Char	8	\$8.	\$8.	Acceptable glucose range overnight

Data Set Name: pdatacgm.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	PtID	Num	8	BEST12.	BEST32.	Patient ID
2	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
3	RTCGMDeviceType	Char	8	\$8.	\$8.	RT-CGM Device type (Navigator, Dexcom, Dexcom Peds, Medtronic)
4	PFileType	Char	20	\$20.	\$20.	File Type
5	DeviceDtTm	Char	19	\$19.	\$19.	Device Date time
6	Glucose	Num	8	BEST12.	BEST32.	Sensor Glucose
7	MeterBG	Char	1	\$1.	\$1.	Glucose meter blood glucose value
8	FileUniqueRecID	Char	24	\$24.	\$24.	Unique record identifier from file
9	CalBG	Num	8	BEST12.	BEST32.	Glucose meter blood glucose value used for CGM calibration

Data Set Name: pdcahba1c.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ParentLoginVisitID	Num	8	BEST12.	BEST32.	Visit Identification number linking together pieces of a visit
2	PtID	Num	8	BEST12.	BEST32.	Patient ID
3	SiteID	Num	8	BEST12.	BEST32.	Site Id
4	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
5	Visit	Char	14	\$14.	\$14.	Visit
6	DCAHbA1cNotDone	Num	8	BEST12.	BEST32.	DCA2000 HbA1c not done
7	DCAHbA1c	Num	8	BEST12.	BEST32.	HbA1C (from DCA2000 or other local point of care device)
8	DCAHbA1cDt	Num	8	YYMMDD10.	YYMMDD10.	Date of DCA2000 HbA1c test

Data Set Name: penrollmentx.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ParentLoginVisitID	Num	8	BEST12.	BEST32.	Visit Identification number linking together pieces of a visit
2	PtID	Num	8	BEST12.	BEST32.	Patient ID
3	SiteID	Num	8	BEST12.	BEST32.	Site ID
4	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
5	VisitDt	Num	8	YYMMDD10.	YYMMDD10.	Enrollment Visit Date
6	DiagDt	Num	8	YYMMDD10.	YYMMDD10.	Date of Diagnosis of Diabetes
7	DiagHr	Num	8	BEST12.	BEST32.	Hour of diagnosis
8	DiagMin	Num	8	BEST12.	BEST32.	Minute of diagnosis
9	DiagAMPM	Char	2	\$2.	\$2.	AM PM of diagnosis
10	SubjHosp	Char	3	\$3.	\$3.	Was the subject hospitalized
11	DKA	Char	3	\$3.	\$3.	Was the subject in DKA
12	IvIns	Char	3	\$3.	\$3.	Was insulin given by IV drip
13	InitGluc	Num	8	BEST12.	BEST32.	Initial glucose level
14	InitGlucNA	Num	8	BEST12.	BEST32.	Initial glucose level - NA
15	CO2Diag	Num	8	BEST12.	BEST32.	CO2 at time of diagnosis
16	CO2DiagNA	Num	8	BEST12.	BEST32.	CO2 at time of diagnosis - NA
17	PHDiag	Num	8	BEST12.	BEST32.	pH at time of diagnosis
18	PHDiagNA	Num	8	BEST12.	BEST32.	pH at time of diagnosis - NA
19	KetoneDiagNA	Num	8	BEST12.	BEST32.	Ketone result Not Available
20	KetoneDiagSer	Num	8	BEST12.	BEST32.	Serum ketone result
21	KetoneDiagSerUnits	Char	8	\$8.	\$8.	Serum ketone result units
22	KetoneDiagUrine	Char	14	\$14.	\$14.	Urine ketone result
23	SubjEligible	Char	3	\$3.	\$3.	Subject meets all eligibility criteria
24	CRCAdmInWin	Char	3	\$3.	\$3.	If subject is randomized to the Intense Group, subject is able to be admitted to the CRC within 7 days of diagnosis
25	Gender	Char	1	\$1.	\$1.	Gender
26	Ethnicity	Char	22	\$22.	\$22.	Ethnicity
27	Race	Char	28	\$28.	\$28.	Race
28	EduCareGvrP	Char	8	\$8.	\$8.	Primary Caregiver
29	EduCareGvrPEdu	Char	15	\$15.	\$15.	Highest level of education comp by Primary Caregiver
30	EduCareGvrS	Char	6	\$6.	\$6.	Secondary Caregiver
31	EduCareGvrSEdu	Char	15	\$15.	\$15.	Highest level of education comp by Secondary Care Giver
32	PhExamComp	Num	8	BEST12.	BEST32.	A physical examination was completed
33	Weight	Num	8	BEST12.	BEST32.	Weight kg
34	Height	Num	8	BEST12.	BEST32.	Height cm
35	PresentCat	Char	11	\$11.	\$11.	Presentation Category
36	KetoneDiagDil	Num	8	TIME.	TIME.	Positive in dilution of

Data Set Name: pfollowuphx.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ParentLoginVisitID	Num	8	BEST12.	BEST32.	Visit Identification number linking together pieces of a visit
2	PtID	Num	8	BEST12.	BEST32.	Patient ID
3	SiteID	Num	8	BEST12.	BEST32.	Site ID
4	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
5	Visit	Char	9	\$9.	\$9.	Visit
6	VisitDt	Num	8	YYMMDD10.	YYMMDD10.	Visit Date
7	AELastVisit	Char	4	\$4.	\$4.	Have any reportable adverse events occurred since the last contact
8	HGMReadAvg	Char	1	\$1.	\$1.	As assessed by clinic personnel, what is the approximate average number of HGM readings the subject has done each day over the last 7 days
9	DevDtTmVer	Char	1	\$1.	\$1.	Date/time correct on each of the study devices
10	MedProbs	Char	4	\$4.	\$4.	Have there been symptoms of new medical problems since enrollment
11	PrevCond	Char	3	\$3.	\$3.	If subject had previous condition or pre-existing medical problem, has this condition been affected by the study
12	Weight	Num	8	BEST12.	BEST32.	Weight kg
13	Height	Num	8	BEST12.	BEST32.	Height cm
14	PubicH	Char	1	\$1.	\$1.	Pubic Hair
15	BreGen	Char	1	\$1.	\$1.	Breasts (F) or Genitalia (M)
16	RegCGMUse	Char	3	\$3.	\$3.	Are you using a CGM on a regular basis to manage your diabetes
17	NumUseCGMWk	Num	8	BEST12.	BEST32.	What is the average number of days per week you use the CGM

Data Set Name: pinsmanage.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ParentLoginVisitID	Num	8	BEST12.	BEST32.	Visit Identification number linking together pieces of a visit
2	PtID	Num	8	BEST12.	BEST32.	Patient ID
3	SiteID	Num	8	BEST12.	BEST32.	Site ID
4	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
5	Visit	Char	9	\$9.	\$9.	Visit
6	DInsulin	Num	8	BEST12.	BEST32.	Total daily insulin
7	TotLongAct	Num	8	BEST12.	BEST32.	Total daily long-acting insulin (or basal total)
8	Apidra	Num	8	BEST12.	BEST32.	Current insulin used: Apidra
9	Detemir	Num	8	BEST12.	BEST32.	Current insulin used: Detemir
10	NPH	Num	8	BEST12.	BEST32.	Current insulin used: NPH
11	Lente	Char	1	\$1.	\$1.	Current insulin used: Lente
12	UltraLente	Char	1	\$1.	\$1.	Current insulin used: UltraLente
13	Lantus	Num	8	BEST12.	BEST32.	Current insulin used: Lantus
14	Novolog	Num	8	BEST12.	BEST32.	Current insulin used: Novolog
15	Humalog	Num	8	BEST12.	BEST32.	Current insulin used: Humalog
16	Regular	Char	1	\$1.	\$1.	Current insulin used: Regular
17	InsOth	Num	8	BEST12.	BEST32.	Current insulin used: Other
18	IRoute	Char	12	\$12.	\$12.	Insulin Route (pump or injections)
19	DShot	Num	8	BEST12.	BEST32.	For injections, number of shots per day
20	PumpName	Char	53	\$53.	\$53.	Type of insulin pump currently being used
21	LengthPumpUse	Char	1	\$1.	\$1.	Length of insulin pump use
22	InsCarbB	Char	1	\$1.	\$1.	Breakfast Insulin to Carb Ratio: units per grams of carbohydrates
23	InsCarbBNotUsed	Char	1	\$1.	\$1.	Breakfast Insulin to Carb Ratio not used
24	InsCarbL	Char	1	\$1.	\$1.	Lunch Insulin to Carb Ratio: units per grams of carbohydrates
25	InsCarbLNotUsed	Char	1	\$1.	\$1.	Lunch Insulin to Carb Ratio not used
26	InsCarbD	Char	1	\$1.	\$1.	Dinner Insulin to Carb Ratio: units per grams of carbohydrates
27	InsCarbDNotUsed	Char	1	\$1.	\$1.	Dinner Insulin to Carb Ratio not used
28	InsCarbS	Char	1	\$1.	\$1.	Snack Insulin to Carb Ratio: units per grams of carbohydrates
29	InsCarbSNotUsed	Char	1	\$1.	\$1.	Snack Insulin to Carb Ratio not used
30	InsCarbBS	Char	1	\$1.	\$1.	Bedtime snack Insulin to Carb Ratio: units per grams of carbohydrates
31	InsCarbBSNotUsed	Char	1	\$1.	\$1.	Bedtime Snack Insulin to Carb Ratio not used
32	UsualInsDoseB	Char	1	\$1.	\$1.	Usual Breakfast Insulin Dose
33	UsualInsDoseL	Char	1	\$1.	\$1.	Usual Lunch Insulin Dose
34	UsualInsDoseD	Char	1	\$1.	\$1.	Usual Dinner Insulin Dose
35	UsualInsDoseS	Char	1	\$1.	\$1.	Usual Snack Insulin Dose
36	UsualInsDoseBS	Char	1	\$1.	\$1.	Usual Bedtime Snack Insulin Dose

Num	Variable	Type	Len	Format	Informat	Label
37	TargetGlucDay	Num	8	BEST12.	BEST32.	Target glucose for correction during the day (mg/dL)
38	AcceptGlucDay	Char	9	\$9.	\$9.	Acceptable glucose range during the day
39	TargetGlucNight	Num	8	BEST12.	BEST32.	Target glucose for correction overnight (mg/dL)
40	AcceptGlucNight	Char	22	\$22.	\$22.	Acceptable glucose range overnight

Data Set Name: plabresults.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	PtID	Num	8	BEST12.	BEST32.	Patient ID
2	SiteID	Num	8	BEST12.	BEST32.	Site ID
3	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
4	Visit	Char	12	\$12.	\$12.	Type of visit
5	FirstSpecimenDt	Num	8	YYMMDD10.	YYMMDD10.	Date of the first specimen taken for a visit
6	SpecimenCollectionTime	Num	8	TIME.	TIME.	Time of specimen collection
7	LabResultType	Char	29	\$29.	\$29.	Type of result obtained from specimen
8	LabAnalysisResult	Char	8	\$8.	\$8.	Result of lab analysis of specimen
9	LabAnalysisUnits	Char	18	\$18.	\$18.	Lab analysis result units

Data Set Name: *pmixedmeal.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	ParentLoginVisitID	Num	8	BEST12.	BEST32.	Visit Identification number linking together pieces of a visit
2	PtID	Num	8	BEST12.	BEST32.	Patient ID
3	SiteID	Num	8	BEST12.	BEST32.	Site ID
4	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
5	Visit	Char	14	\$14.	\$14.	Visit type associated with form entry
6	MMTestNotDone	Num	8	BEST12.	BEST32.	Mixed Meal Test not done
7	MMTestDt	Num	8	YYMMDD10.	YYMMDD10.	Date of Test
8	Height	Num	8	BEST12.	BEST32.	Subject Height
9	Weight	Num	8	BEST12.	BEST32.	Subject Weight
10	BoostDose	Num	8	BEST12.	BEST32.	Calculated Dose of Boost (weight in kg x 6; max = 360)
11	BoostCans	Num	8	BEST12.	BEST32.	Boost cans contain 8 fluid ozs (240 ml)
12	AmtBoost	Num	8	BEST12.	BEST32.	Amount of Boost consumed
13	SubjFasting	Char	4	\$4.	\$4.	Is the subject fasting
14	TmIvInsertHr	Num	8	BEST12.	BEST32.	Hour of IV Line insertion
15	TmIvInsertMin	Num	8	BEST12.	BEST32.	Minute of IV Line insertion
16	TmIvInsertAMPM	Char	2	\$2.	\$2.	AMPM of IV Line insertion
17	TmBaseGlucHr	Num	8	BEST12.	BEST32.	Hour of Baseline Glucose
18	TmBaseGlucMin	Num	8	BEST12.	BEST32.	Minute of Baseline Glucose
19	TmBaseGlucAMPM	Char	2	\$2.	\$2.	AMPM of Baseline Glucose
20	BaseGlucResult	Num	8	BEST12.	BEST32.	Base Glucose
21	TmBoostStartHr	Num	8	BEST12.	BEST32.	Hour of Time Subject Started Boost
22	TmBoostStartMin	Num	8	BEST12.	BEST32.	Minute of Time Subject Started Boost
23	TmBoostStartAMPM	Char	2	\$2.	\$2.	AMPM of Time Subject Started Boost
24	TmBoostEndHr	Num	8	BEST12.	BEST32.	Hour of Time Subject Finished Boost
25	TmBoostEndMin	Num	8	BEST12.	BEST32.	Minute of Time Subject Finished Boost
26	TmBoostEndAMPM	Char	2	\$2.	\$2.	AMPM of Time Subject Finished Boost
27	TmEndGlucHr	Num	8	BEST12.	BEST32.	Hour of Ending Glucose
28	TmEndGlucMin	Num	8	BEST12.	BEST32.	Minute of Ending Glucose
29	TmEndGlucAMPM	Char	2	\$2.	\$2.	AMPM of Ending Glucose
30	EndGlucResult	Num	8	BEST12.	BEST32.	End Glucose

Data Set Name: pnonvisit.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ParentLoginVisitID	Num	8	BEST12.	BEST32.	Visit Identification number linking together pieces of a visit
2	PtID	Num	8	BEST12.	BEST32.	Patient ID
3	SiteID	Num	8	BEST12.	BEST32.	Site ID
4	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
5	Visit	Char	18	\$18.	\$18.	Visit
6	VisitDt	Num	8	YYMMDD10.	YYMMDD10.	Visit date
7	ProbMgt	Num	8	BEST12.	BEST32.	Subject had a question or problem with diabetes management
8	ProbCGM	Num	8	BEST12.	BEST32.	Subject encountered a problem or had a question related to the CGM
9	ProbHGM	Char	1	\$1.	\$1.	Subject encountered a problem or had a question related to the HGM
10	SkinReact	Char	1	\$1.	\$1.	Subject had a skin reaction [If checked please detail in comment section and complete Adverse Event form if reaction meets reporting criteria]
11	ExpHyper	Char	1	\$1.	\$1.	Subject experienced a hyperglycemia event
12	ExpHypo	Char	1	\$1.	\$1.	Subject experienced a hypoglycemic event
13	RemindVisit	Char	1	\$1.	\$1.	Reminder for upcoming scheduled visit
14	AddSuppl	Char	1	\$1.	\$1.	Additional supplies needed
15	NonReasOther	Num	8	BEST12.	BEST32.	Other [If checked please detail in Comment section]

Data Set Name: ppreexistcond.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ParentLoginVisitID	Num	8	BEST12.	BEST32.	Visit Identification number linking together pieces of a visit
2	PtID	Num	8	BEST12.	BEST32.	Patient Identifier
3	SiteID	Num	8	BEST12.	BEST32.	Site ID
4	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
5	HxEliciteDt	Num	8	YYMMDD10.	YYMMDD10.	Date History Elicited
6	PreExistMedCond	Char	4	\$4.	\$4.	Does the patient have any past or present medical condition other than Diabetes Mellitus
7	Hypertension	Char	1	\$1.	\$1.	Past or present medical condition: Hypertension
8	HypertensionActive	Char	1	\$1.	\$1.	Hypertension active
9	HypertensionCurrTrt	Char	1	\$1.	\$1.	Hypertension currently being treated
10	ElevChol	Char	1	\$1.	\$1.	Past or present medical condition: Elevated Cholesterol
11	ElevCholActive	Char	1	\$1.	\$1.	Elevated Cholesterol active
12	ElevCholCurrTrt	Char	1	\$1.	\$1.	Elevated Cholesterol currently being treated
13	PECENT	Num	8	BEST12.	BEST32.	Past or present medical condition: ENT
14	PECENTActive	Char	4	\$4.	\$4.	ENT active
15	PECENTCurrTrt	Char	4	\$4.	\$4.	ENT currently being treated
16	PECCard	Num	8	BEST12.	BEST32.	Past or present medical condition: Cardiovascular
17	PECCardActive	Char	4	\$4.	\$4.	Cardiovascular active
18	PECCardCurrTrt	Char	3	\$3.	\$3.	Cardiovascular currently being treated
19	PECResp	Num	8	BEST12.	BEST32.	Past or present medical condition: Respiratory
20	PECRespActive	Char	4	\$4.	\$4.	Respiratory active
21	PECRespCurrTrt	Char	4	\$4.	\$4.	Respiratory currently being treated
22	PECGast	Num	8	BEST12.	BEST32.	Past or present medical condition: Gastrointestinal
23	PECGastActive	Char	4	\$4.	\$4.	Gastrointestinal active
24	PECGastCurrTrt	Char	3	\$3.	\$3.	Gastrointestinal currently being treated
25	PECRenal	Char	1	\$1.	\$1.	Past or present medical condition: Renal (kidney)
26	PECRenalActive	Char	1	\$1.	\$1.	Renal (kidney) active
27	PECRenalCurrTrt	Char	1	\$1.	\$1.	Renal (kidney) currently being treated
28	PECGen	Char	1	\$1.	\$1.	Past or present medical condition: Genitourinary
29	PECGenActive	Char	1	\$1.	\$1.	Genitourinary active
30	PECGenCurrTrt	Char	1	\$1.	\$1.	Genitourinary currently being treated
31	PECHep	Char	1	\$1.	\$1.	Past or present medical condition: Hepatic (Liver)
32	PECHepActive	Char	1	\$1.	\$1.	Hepatic (Liver) active
33	PECHepCurrTrt	Char	1	\$1.	\$1.	Hepatic (Liver) currently being treated
34	PECEndo	Num	8	BEST12.	BEST32.	Past or present medical condition: Endocrine
35	PECEndoActive	Char	4	\$4.	\$4.	Endocrine active
36	PECEndoCurrTrt	Char	4	\$4.	\$4.	Endocrine currently being treated

Num	Variable	Type	Len	Format	Informat	Label
37	PECNeuro	Num	8	BEST12.	BEST32.	Past or present medical condition: Neurological
38	PECNeuroActive	Char	4	\$4.	\$4.	Neurological active
39	PECNeuroCurrTrt	Char	3	\$3.	\$3.	Neurological currently being treated
40	PECMusc	Num	8	BEST12.	BEST32.	Past or present medical condition: Musculoskeletal
41	PECMuscActive	Char	4	\$4.	\$4.	Musculoskeletal active
42	PECMuscCurrTrt	Char	4	\$4.	\$4.	Musculoskeletal currently being treated
43	PECSkin	Num	8	BEST12.	BEST32.	Past or present medical condition: Skin
44	PECSkinActive	Char	4	\$4.	\$4.	Skin active
45	PECSkinCurrTrt	Char	4	\$4.	\$4.	Skin currently being treated
46	PECPsycho	Num	8	BEST12.	BEST32.	Past or present medical condition: Psychological
47	PECPsychoActive	Char	4	\$4.	\$4.	Psychological active
48	PECPsychoCurrTrt	Char	4	\$4.	\$4.	Psychological currently being treated
49	PECBlood	Char	1	\$1.	\$1.	Past or present medical condition: Blood/Lymphatic
50	PECBloodActive	Char	1	\$1.	\$1.	Blood/Lymphatic active
51	PECBloodCurrTrt	Char	1	\$1.	\$1.	Blood/Lymphatic currently being treated
52	PECAllergy	Num	8	BEST12.	BEST32.	Past or present medical condition: Allergy
53	PECAllergyActive	Char	4	\$4.	\$4.	Allergy active
54	PECAllergyCurrTrt	Char	4	\$4.	\$4.	Allergy currently being treated
55	PECOther1	Char	1	\$1.	\$1.	Past or present medical condition: Other 1
56	PECOther1Type	Char	1	\$1.	\$1.	Past or present medical condition: Other 1 Type
57	PECOther1Active	Char	1	\$1.	\$1.	Other 1 active
58	PECOther1CurrTrt	Char	1	\$1.	\$1.	Other 1 currently being treated
59	PECOther2	Char	1	\$1.	\$1.	Past or present medical condition: Other 2
60	PECOther2Type	Char	1	\$1.	\$1.	Past or present medical condition: Other 2 Type
61	PECOther2Active	Char	1	\$1.	\$1.	Other 2 active
62	PECOther2CurrTrt	Char	1	\$1.	\$1.	Other 2 currently being treated
63	PECOther3	Char	1	\$1.	\$1.	Past or present medical condition: Other 3
64	PECOther3Type	Char	1	\$1.	\$1.	Past or present medical condition: Other 3 Type
65	PECOther3Active	Char	1	\$1.	\$1.	Other 3 active
66	PECOther3CurrTrt	Char	1	\$1.	\$1.	Other 3 currently being treated
67	PECOther4	Char	1	\$1.	\$1.	Past or present medical condition: Other 4
68	PECOther4Type	Char	1	\$1.	\$1.	Past or present medical condition: Other 4 Type
69	PECOther4Active	Char	1	\$1.	\$1.	Other 4 active
70	PECOther4CurrTrt	Char	1	\$1.	\$1.	Other 4 currently being treated
71	PECOther5	Char	1	\$1.	\$1.	Past or present medical condition: Other 5
72	PECOther5Type	Char	1	\$1.	\$1.	Past or present medical condition: Other 5 Type
73	PECOther5Active	Char	1	\$1.	\$1.	Other 5 active
74	PECOther5CurrTrt	Char	1	\$1.	\$1.	Other 5 currently being treated
75	PECOther6	Char	1	\$1.	\$1.	Past or present medical condition: Other 6

Num	Variable	Type	Len	Format	Informat	Label
76	PECOther6Type	Char	1	\$1.	\$1.	Past or present medical condition: Other 6 Type
77	PECOther6Active	Char	1	\$1.	\$1.	Other 6 active
78	PECOther6CurrTrt	Char	1	\$1.	\$1.	Other 6 currently being treated
79	PECOther7	Char	1	\$1.	\$1.	Past or present medical condition: Other 7
80	PECOther7Type	Char	1	\$1.	\$1.	Past or present medical condition: Other 7 Type
81	PECOther7Active	Char	1	\$1.	\$1.	Other 7 active
82	PECOther7CurrTrt	Char	1	\$1.	\$1.	Other 7 currently being treated
83	PECOther8	Char	1	\$1.	\$1.	Past or present medical condition: Other 8
84	PECOther8Type	Char	1	\$1.	\$1.	Past or present medical condition: Other 8 Type
85	PECOther8Active	Char	1	\$1.	\$1.	Other 8 active
86	PECOther8CurrTrt	Char	1	\$1.	\$1.	Other 8 currently being treated
87	PECOther9	Char	1	\$1.	\$1.	Past or present medical condition: Other 9
88	PECOther9Type	Char	1	\$1.	\$1.	Past or present medical condition: Other 9 Type
89	PECOther9Active	Char	1	\$1.	\$1.	Other 9 active
90	PECOther9CurrTrt	Char	1	\$1.	\$1.	Other 9 currently being treated

Data Set Name: psensoruse.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ParentLoginVisitID	Num	8	BEST12.	BEST32.	Visit Identification number linking together pieces of a visit
2	PtID	Num	8	BEST12.	BEST32.	Patient ID
3	SiteID	Num	8	BEST12.	BEST32.	Site ID
4	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
5	Visit	Char	9	\$9.	\$9.	Visit type
6	SensSkinIrr	Num	8	BEST12.	BEST32.	Skin irritation
7	SensAlarmFreq	Num	8	BEST12.	BEST32.	Alarms too frequently
8	SensAccurRdng	Num	8	BEST12.	BEST32.	Does not provide accurate readings
9	SensDifficult	Num	8	BEST12.	BEST32.	Too difficult to operate
10	SensBusy	Num	8	BEST12.	BEST32.	Too busy to use it
11	SensForget	Num	8	BEST12.	BEST32.	Forget to use it
12	SensNoUseInfo	Num	8	BEST12.	BEST32.	Does not provide information that is helpful for diabetes management
13	SensOther	Char	1	\$1.	\$1.	Other reason not to use CGM
14	SensProb	Char	4	\$4.	\$4.	Did you have any problems while using the CGM since the last contact
15	SensConTrans	Num	8	BEST12.	BEST32.	Problem connecting transmitter to receiver
16	SensInsImp	Num	8	BEST12.	BEST32.	Sensor did not insert properly
17	SensBleeding	Num	8	BEST12.	BEST32.	Too much bleeding at the area of sensor insertion
18	SensPullOut	Num	8	BEST12.	BEST32.	The sensor was pulled out accidentally
19	SensDiscomf	Num	8	BEST12.	BEST32.	The subject removed the sensor due to discomfort
20	SensStop	Num	8	BEST12.	BEST32.	The sensor stopped working early
21	SensProbOth	Num	8	BEST12.	BEST32.	Other problem
22	SensNotAvail	Num	8	BEST12.	BEST32.	Reason why sensor is not used everyday (Device not available (broken, lost, stolen, etc))
23	SensVacCamp	Num	8	BEST12.	BEST32.	Reason why sensor is not used everyday (Vacation/camp)
24	SensComesOut	Num	8	BEST12.	BEST32.	Reason why sensor is not used everyday (Sensor keeps coming out)
25	SensCalib	Num	8	BEST12.	BEST32.	Reason why sensor is not used everyday (Calibration issues/sensor errors (including timing of calibrations, ending early, etc))
26	SensSports	Num	8	BEST12.	BEST32.	Reason why sensor is not used everyday (Sports/water activities)
27	SensAdhesive	Num	8	BEST12.	BEST32.	Reason why sensor is not used everyday (Adhesive issues)
28	SensNoSensors	Char	1	\$1.	\$1.	Reason why sensor is not used everyday (Ran out of sensors/supplies)
29	SensNeedBreak	Num	8	BEST12.	BEST32.	Reason why sensor is not used everyday (Need break)
30	SensInsertIssues	Num	8	BEST12.	BEST32.	Reason why sensor is not used everyday (Sensor Insertion issues (bleeding, difficult to insert, inconvenient timing, etc))

Data Set Name: pskinassess.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ParentLoginVisitID	Num	8	BEST12.	BEST32.	Visit Identification number linking together pieces of a visit
2	PtID	Num	8	BEST12.	BEST32.	Patient ID
3	SiteID	Num	8	BEST12.	BEST32.	Site ID
4	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
5	Visit	Char	9	\$9.	\$9.	Visit
6	SkinAssessNotDone	Num	8	BEST12.	BEST32.	Skin Assessment not done
7	SkinChanges	Char	22	\$22.	\$22.	Are there any areas of acute (erythema or edema) or chronic (scabbing, dry skin, hypo or hyperpigmentation or scarring) skin changes related to sensor use that are greater than usual (by investigator judgment)
8	AcuteSev	Char	11	\$11.	\$11.	If acute changes present, select the Severity
9	ChronicSev	Char	11	\$11.	\$11.	If chronic changes are present, select severity

Data Set Name: *ptroster.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	RecID	Num	8	BEST12.	BEST32.	Unique record ID in table
2	PtID	Num	8	BEST12.	BEST32.	Patient ID
3	SiteOrig	Num	8	BEST12.	BEST32.	Original SiteID of site enrolling patient
4	EnrollDt	Num	8	YYMMDD10.	YYMMDD10.	Date of enrollment
5	VisitSchedStartDt	Num	8	YYMMDD10.	YYMMDD10.	Date Visit Schedule starts from
6	RandDt	Num	8	DATETIME.	ANYDTDTM40.	Randomization Date
7	AgeAtRandDt	Num	8	BEST12.	BEST32.	Participant's age at date of randomization
8	TxGroup	Char	9	\$9.	\$9.	Treatment group
9	ABStatus	Char	8	\$8.	\$8.	Antibodies status at baseline

Data Set Name: subjects.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	TxGroup	Char	20	\$20.	\$20.	TxGroup
2	age	Num	8			
3	DKA	Char	3	\$3.	\$3.	DKA
4	Gender	Char	8	\$8.	\$8.	Gender
5	cpepAvgAUC0	Num	8			
6	log_cpepAvgAUC0	Num	8			
7	a1c0	Num	8			
8	a1c_mmol0	Num	8			
9	cpepAvgAUC12	Num	8			
10	log_cpepAvgAUC12	Num	8			
11	a1c12	Num	8			
12	a1c_mmol12	Num	8			
13	diag2Rand	Num	8			
14	perProtFlg	Num	8			
15	log_cpepAvgAUC0Imp	Num	8			
16	baseAUCImpFlg	Num	8			
17	PtID	Char	30	\$30.	\$30.	DeidentID