

Clinical Development

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R076477-SCH-4012

Anonymisation Data Derivation Specification Document

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Status and Version	Release Date	Summary of Key Changes

1. Datasets

1.1. Specifications Introduction

This specification for each dataset will be in two parts

- Dataset description
- Variables within dataset

Part I: Dataset description

Dataset	Name of dataset
Creating Program	The program that created the dataset
Description	Short description
Unique Identifier	Unique key
Sorted by	Sort key
Notes	Any useful notes

Part II: Variables within dataset

Variable	SAS variable name
Type	Character or Numeric
Label	SAS variable label
Codes	Codelist name
Comments	Variable source derivation explanation if variable derived.

1.2. Guidelines for Preparing Data

The data will be provided according to the De-identified/ Anonymisation data guidelines standards with the following exceptions:

- Subject initials will not be provided.
- Investigator Information will not be provided.
- Date of birth will not be provided, only age in years will be provided.
- Age will be grouped to protect PII as per HIPAA rules (ages above 89 will be assigned to 90+).
- Subject and site/ center numbers will be assigned in a random manner so they are not matching the subject and site/ center numbers that were used in the actual trial.
- Remove the free text verbatim terms.
- Remove "Other" free text terms.
- Drug Record Number will not be provided.
- Drug Sequence Number will not be provided.
- Accession Number will not be provided.
- Vial and Bottle number will not be provided.

- Central Lab Specimen Label Number will not be provided.
- Lab Identifier information will not be provided.
- Vendor Panel Comments will not be provided.
- Vendor Test Specific Comments will not be provided.
- Lab Name information will not be provided.
- All original dates relating to individuals subject will be removed. Instead a Relative study day would be provided.
- Completely missing variables those are not annotated in CRF will not be included in the De-Identified datasets.
- Partial date's relative day cannot be calculated.
- Remove Child-bearing potential information.
- Comments dataset will be submitted with zero observation due to sensitivity of data.
- INVEST dataset will not be submitted due to sensitive information.
- DEMOG.DMINFDT (Date of Sign. on Informed Consent) will be used as Reference Date (referred as REF. DATE in the document) to derive relative days.

1.3. Data Files

The R076477-SCH-4012 Clinical Study Report (CSR) data should be used for converting to de-identification.

1.4. Data Domains

1.4.1. Demographics (DM) – DEMOG

Dataset	DEMOG
Creating program	demog.sas
Description	Demographics (DM)
Unique identifier	DUSUBJID
Sorted by	DUSUBJID
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to repetition of the information: COUNTRYC,RACESPEC,DMINFDT,BIRTHDT,IVNAME,IVID,DMSCRDT,DMACTDT, SUBJINIT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.

Variable	Type	Label	Codes	Comments
VISIT	char	Visit		Collected at CRF.
SEXC	num	Sex Code		Collected at CRF.
SEX	char	Sex		Collected at CRF.
RACEC	num	Race Code		Group element to protect PII.
RACE	char	Race		Group element to protect PII.
DCOUNTRY	char	De-identify Country		Group element to protect PII.
ETHNICC	num	Ethnicity Code		Collected at CRF.
ETHNIC	char	Ethnicity		Collected at CRF.
AGE	char	Age in Years		If age is greater than 89 then group to '90+' otherwise AGE=AGE. Grouping will be performed based on HIPAA privacy rules.
DMACTDY	num	Relative Actual Day of Demography		If DMACTDT and REF.DATE not missing then perform below logic to calculate DMACTDY, If DMACTDT less than REF.DATE then (DMACTDT - REF.DATE). Else if DMACTDT is greater than equal to REF.DATE then (DMACTDT- REF.DATE) +1.
DMSCRDY	num	Relative Day of First Trial Related Proc		If DMSCRDT and REF.DATE not missing then perform below logic to calculate DMSCRDY, If DMSCRDT less than REF.DATE then (DMSCRDT - REF.DATE). Else if DMSCRDT is greater than equal to REF.DATE then (DMSCRDT- REF.DATE) +1.

1.4.2. Adverse Events (AE) – AE

Dataset	AE
Creating program	ae.sas
Description	Adverse Events (AE)
Unique identifier	DUSUBJID,AEDECOD,AESTDY,AESEQ
Sorted by	DUSUBJID,AEDECOD,AESTDY,AESEQ
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to repetition of the information: AETERM, AESERREF ,AEENDTC,AESTDTC,AESTDT,AEENDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
AEREPRTC	num	Were Any AEs Reported Code		Collected at CRF.

Variable	Type	Label	Codes	Comments
AEREPRT	char	Were Any AEs Reported		Collected at CRF.
AESEQ	num	AE Sequence Number		Collected at CRF.
AECODE	char	AE Dictionary Code		Collected at CRF.
AEDICTDM	char	Adverse Events Dictionary		Collected at CRF.
AEACTTRC	num	Action Taken with Treatment Code		Collected at CRF.
AEACTTRT	char	Action Taken with Treatment		Collected at CRF.
AEOUTC	num	Outcome of Event Code		Collected at CRF.
AEOUT	char	Outcome of Event		Collected at CRF.
AERELC	num	Relationship to Treatment Code		Collected at CRF.
AEREL	char	Relationship to Treatment		Collected at CRF.
AESERC	num	Seriousness Criteria Code		Collected at CRF.
AESER	char	Seriousness Criteria		Collected at CRF.
AESEVC	num	Severity of Event Code		Collected at CRF.
AESEV	char	Severity of Event		Collected at CRF.
AECONTRC	num	Concomitant/Additional Treatment Code		Collected at CRF.
AECONTRT	char	Concomitant/Additional Treatment		Collected at CRF.
AESCONG	char	Congenital Anomaly or Birth Defect		Collected at CRF.
AESDISAB	char	Persist or Signif Disability/Incapacity		Collected at CRF.
AESDTH	char	Results in Death		Collected at CRF.

Variable	Type	Label	Codes	Comments
AEHOSPR	char	Hospitalization required		Collected at CRF.
AEHOSPP	char	Prolonged hospitalization		Collected at CRF.
AESLIFE	char	Is Life Threatening		Collected at CRF.
AESMIE	char	Other Medicaly Important Serious Event		Collected at CRF.
AEDECOD1	char	Dictionary-Derived Lower Level Term		Collected at CRF.
AEDECOD	char	Dictionary-Derived Term		Collected at CRF.
AEBODSYC	char	Body System or Organ Class Code		Collected at CRF.
AEBODSYS	char	Body System or Organ Class		Collected at CRF.
AESTDY	num	Relative Actual Start Day of Event		If AESTDTC and REF.DATE not missing then perform below logic to calculate AESTDY, If AESTDTC less than REF.DATE then (AESTDTC - REF.DATE). Else if AESTDTC is greater than equal to REF.DATE then (AESTDTC- REF.DATE) +1.
AEENDY	num	Relative Actual End Day of Event		If AEENDTC and REF.DATE not missing then perform below logic to calculate AEENDY, If AEENDTC less than REF.DATE then (AEENDTC - REF.DATE). Else if AEENDTC is greater than equal to REF.DATE then (AEENDTC- REF.DATE) +1.

1.4.3. AIMS (AI) – AIMS

Dataset	AIMS
Creating program	aims.sas
Description	AIMS (AI)
Unique identifier	DUSUBJID,AIGROUP,AITEM,AISCORE,IACTDY
Sorted by	DUSUBJID,AIGROUP,AITEM,AISCORE,IACTDY
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: IACTDT,AIRATERI

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
AIVTYPEC	num	AIMS Visit Type Code		Collected at CRF.

Variable	Type	Label	Codes	Comments
AIVTYPE	char	AIMS Visit Type		Collected at CRF.
AIGROUP	char	AIMS Group		Collected at CRF.
AIITEM	char	AIMS Item		Collected at CRF.
AISCOREC	num	AIMS Score Code		Collected at CRF.
AISCORE	char	AIMS Score		Collected at CRF.
AIACTDY	num	Relative Actual Day of AIMS		If AIACTDT and REF.DATE not missing then perform below logic to calculate AIACTDY, If AIACTDT less than REF.DATE then (AIACTDT - REF.DATE). Else if AIACTDT is greater than equal to REF.DATE then (AIACTDT- REF.DATE) +1.

1.4.4. Barnes Akathisia Scale (BA) – BARS

Dataset	BARS
Creating program	bars.sas
Description	Barnes Akathisia Scale (BA)
Unique identifier	DUSUBJID,BAGROUP,BAITEM,BAScore,BAACTDY
Sorted by	DUSUBJID,BAGROUP,BAITEM,BAScore,BAACTDY
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: BAACTDT,BARATERI

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
BAVTYPEC	num	BARS Visit Type Code		Collected at CRF.

Variable	Type	Label	Codes	Comments
BAVTYPE	char	BARS Visit Type		Collected at CRF.
BAGROUP	char	BARS Group		Collected at CRF.
BAITEM	char	BARS Item		Collected at CRF.
BASCOREC	num	BARS Score Code		Collected at CRF.
BASCORE	char	BARS Score		Collected at CRF.
BAACTDY	num	Relative Actual Day of BARS		If BAACTDT and REF.DATE not missing then perform below logic to calculate BAACTDY, If BAACTDT less than REF.DATE then (BAACTDT - REF.DATE). Else if BAACTDT is greater than equal to REF.DATE then (BAACTDT - REF.DATE) +1.

1.4.5. Clinical Global Impression (CG) – CGI

Dataset	CGI
Creating program	cgi.sas
Description	Clinical Global Impression (CG)
Unique identifier	DUSUBJID,CGSEV,CGACTDY
Sorted by	DUSUBJID,CGSEV,CGACTDY
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: CGACTDT,CGRATERI

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
CGSEVC	num	CGI Severity Code		Collected at CRF.

Variable	Type	Label	Codes	Comments
CGSEV	char	CGI Severity		Collected at CRF.
CGACTDY	num	Relative Actual Day of CGI		If CGACTDT and REF.DATE not missing then perform below logic to calculate CGACTDY, If CGACTDT less than REF.DATE then (CGACTDT - REF.DATE). Else if CGACTDT is greater than equal to REF.DATE then (CGACTDT- REF.DATE) +1.

1.4.6. LAB (LB) – CHEM

Dataset	CHEM
Creating program	chem.sas
Description	LAB (LB)
Unique identifier	DUSUBJID, LBTEST, LBACTDY
Sorted by	DUSUBJID, LBTEST, LBACTDY
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to non significant elements or due to missing values: LBFASTC, LBENTM, LBENDT, LBTMLBL, LBFAST, LBACTDT, LBREF, ACCNUM, LBPRVID, LBPRVIDC, TSTCOM, LBSIGHI, LBSEQ, STDNRC, LBSIGLO, LBCVFACT, LBREASND

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.

Variable	Type	Label	Codes	Comments
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
LBVTYPEC	num	Lab Visit Type Code		Collected at CRF.
LBVTYPE	char	Lab Visit Type		Collected at CRF.
LBACTTM	num	Actual Time of Lab Sample		Collected at CRF.
LBPTM	num	Planned Collection Time		Collected at CRF.
LBSPECMN	char	Specimen Type		Collected at CRF.
AGEATCOL	Char	Subject Age at Collection		If age is greater than 89 then group to '90+' otherwise AGE=AGE. Grouping will be performed based on HIPAA privacy rules.
AGEU	Char	Subject Age Units		Collected at CRF.
LBTYPEC	Num	Lab Type Code		Collected at CRF.
LBTYPE	Char	Lab Type		Collected at CRF.
LBTESTC	Num	Lab Test Code		Collected at CRF.
LBABBR	Char	Lab Test Abbreviation		Collected at CRF.
LBTEST	Char	Lab Test Name		Collected at CRF.

Variable	Type	Label	Codes	Comments
LBDESCR	Char	Full Test Description		Collected at CRF.
LBSTAT	Char	Lab Status		Collected at CRF.
ORGRES	Char	Character Result in Original Units		Collected at CRF.
ORGRESN	Num	Numeric Result in Original Units		Collected at CRF.
ORGNRLO	Num	Normal Range Lower Limit in Orig Units		Collected at CRF.
ORGNRHI	Num	Normal Range Upper Limit in Orig Units		Collected at CRF.
ORGUNIT	Char	Reported Unit		Collected at CRF.
REPUNIT	Char	Reported Unit		Collected at CRF.
STDRESC	Char	Character Result in Standard Units		Collected at CRF.
STDRESN	Num	Numeric Result in Standard Units		Collected at CRF.
STDNRLO	Num	Normal Range Lower Limit in Std Units		Collected at CRF.
STDNRHI	Num	Normal Range Upper Limit in Std Units		Collected at CRF.
STDUNIT	Char	Standard Units		Collected at CRF.
NRIND	Char	Normal Range Indicator		Collected at CRF.
LBSIFACT	Num	Std. Intl. Conversion Factor		Collected at CRF.

Variable	Type	Label	Codes	Comments
LBACTDY	Num	Relative Actual Day of Sample		If LBACTDT and REF.DATE not missing then perform below logic to calculate LBACTDY, If LBACTDT less than REF.DATE then (LBACTDT - REF.DATE). Else if LBACTDT is greater than equal to REF.DATE then (LBACTDT- REF.DATE) +1.

1.4.7. Comments (CT) – COMMENTS

Dataset	COMMENTS
Creating program	comments.sas
Description	Comments (CT)
Unique identifier	NOT APPLICABLE
Sorted by	NOT APPLICABLE
Notes	Comments dataset contains sensitive information. Hence dataset will be submitted with zero observation.

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Empty dataset will be submitted.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Empty dataset will be submitted.
DSUBJID	char	Subject Id Assigned for De-identity		Empty dataset will be submitted.
DSITEID	char	Site Id Assigned for De-identity		Empty dataset will be submitted.

Variable	Type	Label	Codes	Comments
PHASENUM	num	Phase Number		Empty dataset will be submitted.
PHASE	char	Phase		Empty dataset will be submitted.
VISITNUM	num	Visit Number		Empty dataset will be submitted.
VISIT	char	Visit		Empty dataset will be submitted.
CTSEQ	num	Comment Sequence Number		Empty dataset will be submitted.
DOMAIN	char	Domain of Origin		Empty dataset will be submitted.
CTVISIT	char	Visit of Origin		Empty dataset will be submitted.
CTACTDY	num	Relative Actual Day of Comment		Empty dataset will be submitted.

1.4.8. Concomitant Meds (CM) – CONMED

Dataset	CONMED
Creating program	conmed.sas
Description	Concomitant Meds (CM)
Unique identifier	DUSUBJID,CMGROUP,CMSTDY,CMSEQ
Sorted by	DUSUBJID,CMGROUP,CMSTDY,CMSEQ
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to repetition of the information or due to missing values: CMENDT,CMCLASC9,CMENDTC,CMSTDT,CMSTDT,CMCLASC,CMCLAS,CMCLAS8,CMCLASC7,CMCLASC8,CMCLAS7,CMCLAS9,CMTERM

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.

Variable	Type	Label	Codes	Comments
CMTYPEC	num	Prior/Concomitant Medication Code		Collected at CRF.
CMTYPE	char	Prior/Concomitant Medication		Collected at CRF.
CMGROUP	char	Medication Grouping		Collected at CRF.
CMREPRC	num	Were Any Meds Administered Code		Collected at CRF.
CMREPR	char	Were Any Meds Administered		Collected at CRF.
CMSEQ	num	Conmed Sequence Number		Collected at CRF.
CMDECOD1	char	Medication Specified Term		Collected at CRF.
CMDOSE	num	Dosage		Collected at CRF.
CMUNIT	char	Dose Unit		Collected at CRF.
CMREGIM	char	Regimen (Dose + Frequency)		Collected at CRF.
CMROUTE	char	Route of Administration		Collected at CRF.
CMCAUSC	num	Given for AE Code		Collected at CRF.
CMCAUS	char	Given for AE		Collected at CRF.
AESEQ	num	AE Sequence Number		Collected at CRF.
AESEQ1	num	AE Sequence Number 1		Collected at CRF.
AESEQ2	num	AE Sequence Number 2		Collected at CRF.
AESEQ3	num	AE Sequence Number 3		Collected at CRF.
CMREAS	char	Reason for Medication		Collected at CRF.
CMPRIORC	num	Med Started Prior to Trial Code		Collected at CRF.

Variable	Type	Label	Codes	Comments
CMPRIOR	char	Med Started Prior to Trial		Collected at CRF.
CMCONTC	num	Medication Continuing Code		Collected at CRF.
CMCONT	char	Medication Continuing		Collected at CRF.
CMCLASC0	char	ATC Code 0		Collected at CRF.
CMCLASC1	char	ATC Code 1		Collected at CRF.
CMCLASC2	char	ATC Code 2		Collected at CRF.
CMCLASC3	char	ATC Code 3		Collected at CRF.
CMCLASC4	char	ATC Code 4		Collected at CRF.
CMCLASC5	char	ATC Code 5		Collected at CRF.
CMCLASC6	char	ATC Code 6		Collected at CRF.
CMCLAS0	char	ATC Text 0		Collected at CRF.
CMCLAS1	char	ATC Text 1		Collected at CRF.
CMCLAS2	char	ATC Text 2		Collected at CRF.
CMCLAS3	char	ATC Text 3		Collected at CRF.
CMCLAS4	char	ATC Text 4		Collected at CRF.
CMCLAS5	char	ATC Text 5		Collected at CRF.
CMCLAS6	char	ATC Text 6		Collected at CRF.
CMCODE	char	Medication Dictionary Code		Collected at CRF.
CMDECOD	char	Medication Generic Term		Collected at CRF.

Variable	Type	Label	Codes	Comments
CMSTDY	num	Relative Actual Start Day of Medication		If CMSTDTC and REF.DATE not missing then perform below logic to calculate CMSTDY, If CMSTDTC less than REF.DATE then (CMSTDTC - REF.DATE). Else if CMSTDTC is greater than equal to REF.DATE then (CMSTDTC- REF.DATE) +1.
CMENDY	num	Relative Actual End Day of Medication		If CMENDTC and REF.DATE not missing then perform below logic to calculate CMENDY, If CMENDTC less than REF.DATE then (CMENDTC - REF.DATE). Else if CMENDTC is greater than equal to REF.DATE then (CMENDTC- REF.DATE) +1.

1.4.9. Diagnosis (DG) – DIAGNOS

Dataset	DIAGNOS
Creating program	diagnos.sas
Description	Diagnosis (DG)
Unique identifier	DUSUBJID
Sorted by	DUSUBJID
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to missing values: DGDT,DGACTDT,DGACTDTC

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
DIAGNOSC	num	Diagnosis Code		Collected at CRF.

Variable	Type	Label	Codes	Comments
DIAGNOS	char	Diagnosis		Collected at CRF.
DGTYPEC	num	Schizophrenia Type Code		Collected at CRF.
DGTYPE	char	Schizophrenia Type		Collected at CRF.
DGAGE	Char	Age At First Diagnosis Of Schizophrenia		If age is greater than 89 then group to '90+' otherwise AGE=AGE. Grouping will be performed based on HIPAA privacy rules.
DGDY	num	Relative Day of Collection		If DGDT and REF.DATE not missing then perform below logic to calculate DGDY, If DGDT less than REF.DATE then (DGDT - REF.DATE). Else if DGDT is greater than equal to REF.DATE then (DGDT - REF.DATE) +1.

1.4.10. Diabetes Related History (DH) – DIAHIST

Dataset	DIAHIST
Creating program	diahist.sas
Description	Diabetes Related History (DH)
Unique identifier	DUSUBJID,DHDIAG
Sorted by	DUSUBJID,DHDIAG
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: DHCHILD ,DHACTDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
DHDIAG	char	Diagnosis		Collected at CRF.

Variable	Type	Label	Codes	Comments
DHHISTC	num	Diabetes History Code		Collected at CRF.
DHHIST	char	Diabetes History		Collected at CRF.
DHAGE	char	Age at Diagnosis		If age is greater than 89 then group to '90+' otherwise AGE=AGE. Grouping will be performed based on HIPAA privacy rules.
DHACTDY	num	Relative Actual Day of Diabetes Rel His		If DHACTDT and REF.DATE not missing then perform below logic to calculate DHACTDY, If DHACTDT less than REF.DATE then (DHACTDT - REF.DATE). Else if DHACTDT is greater than equal to REF.DATE then (DHACTDT- REF.DATE) +1.

1.4.11. Disposition (DS) – DISPOSIT

Dataset	DISPOSIT
Creating program	disposit.sas
Description	Disposition (DS)
Unique identifier	DUSUBJID
Sorted by	DUSUBJID
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to missing values: DSRABKDT,DSACTDT,PREGDUDT,DSRSOTH,DEATHDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
DSTYPEC	num	End of Treatment or Trial Code		Collected at CRF.

Variable	Type	Label	Codes	Comments
DSTYPE	char	End of Treatment or Trial		Collected at CRF.
DSSTATC	num	Subject Completed Treatment/Trial Code		Collected at CRF.
DSSTAT	char	Subject Completed Treatment/Trial		Collected at CRF.
DSREASC	num	Reason for Withdrawal/Termination Code		Collected at CRF.
DSREAS	char	Reason for Withdrawal/Termination		Collected at CRF.
DSSCRNC	num	Reason for Screen Failure Code		Collected at CRF.
DSSCRN	char	Reason for Screen Failure		Collected at CRF.
AESEQ	num	AE Sequence Number		Collected at CRF.
DSRABKTM	char	Time of Code Break		Collected at CRF.
DSRABKRS	char	Reason for Code Break		Collected at CRF.
DSACTDY	num	Relative Actual Day Trial Completion/WD		If DSACTDT and REF.DATE not missing then perform below logic to calculate DSACTDY, If DSACTDT less than REF.DATE then (DSACTDT - REF.DATE). Else if DSACTDT is greater than equal to REF.DATE then (DSACTDT- REF.DATE) +1.
DEATHDY	num	Relative Actual Day of Death		If DEATHDT and REF.DATE not missing then perform below logic to calculate DEATHDY, If DEATHDT less than REF.DATE then (DEATHDT - REF.DATE). Else if DEATHDT is greater than equal to REF.DATE then (DEATHDT- REF.DATE) +1.

Variable	Type	Label	Codes	Comments
DSRABKDY	num	Relative Actual Day Random Code Broken		If DSRABKDT and REF.DATE not missing then perform below logic to calculate DSRABKDY, If DSRABKDT less than REF.DATE then (DSRABKDT - REF.DATE). Else if DSRABKDT is greater than equal to REF.DATE then (DSRABKDT- REF.DATE) +1.

1.4.12. History of DNA Consents and Samples (DH) – DNHIST

Dataset	DNHIST
Creating program	dnhist.sas
Description	History of DNA Consents and Samples (DH)
Unique identifier	DUSUBJID,DNSEQ
Sorted by	DUSUBJID,DNSEQ
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to repetition of the information: DNREAS,DNDT,DNINFDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity

Variable	Type	Label	Codes	Comments
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
DNSEQ	num	DNA Sample Sequence Number		Collected at CRF.
DNCNSNT	char	Informed Consent Signed		Collected at CRF.
DNCNSNTC	num	Informed Consent Signed Code		Collected at CRF.
DNSTUDY	char	Scope - Study-Specific Testing		Collected at CRF.
DNSTUDYC	num	Scope - Study-Specific Testing Code		Collected at CRF.
DNSAMP	char	Sample Obtained		Collected at CRF.
DNSAMPC	num	Sample Obtained Code		Collected at CRF.
DNSTORE	char	Scope - Storage for Future Use		Collected at CRF.
DNSTOREC	num	Scope - Storage for Future Use Code		Collected at CRF.
DNSAMMAT	char	Sample Material		Collected at CRF.
DNLIMITC	num	Is Their a Limit of Storage Lenght?		Collected at CRF.
DNLIMIT	char	Is Their a Limit of Storage Lenght?		Collected at CRF.
DNLENGTC	num	Storage Length Code		Collected at CRF.
DNLENGTH	char	Storage Length		Collected at CRF.
DNLNOH	num	Other Storage Limit Length		Collected at CRF.

Variable	Type	Label	Codes	Comments
DNINFDY	num	Relative Day of Sign on Informed Consent		If DNINFDT and REF.DATE not missing then perform below logic to calculate DNINFDY, If DNINFDT less than REF.DATE then (DNINFDT - REF.DATE). Else if DNINFDT is greater than equal to REF.DATE then (DNINFDT- REF.DATE) +1.
DNDY	num	Relative Day of Sample		If DNDT and REF.DATE not missing then perform below logic to calculate DNDY, If DNDT less than REF.DATE then (DNDT - REF.DATE). Else if DNDT is greater than equal to REF.DATE then (DNDT- REF.DATE) +1.

1.4.13. DNA Result (DN) – DNRSLT

Dataset	DNRSLT
Creating program	dnrslt.sas
Description	DNA Result (DN)
Unique identifier	DUSUBJID
Sorted by	DUSUBJID
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to repetition of the information or due to missing values: DNINFDT,DNDT,DNDSTRDT,DNREAS,ACQREF,DNRSLTYP,DNSTRESN, DNSTRESC,DNASSAY,DNORRES,DNGENAM,DNTESTCD,DNTEST,DNGENCD, FG_ID,DNSAMREF,DNPRVID,DNPRVIDC

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.

Variable	Type	Label	Codes	Comments
VISIT	char	Visit		Collected at CRF.
DNCNSNTC	num	Informed Consent Signed Code		Collected at CRF.
DNSTUDYC	num	Scope - Study-Specific Testing Code		Collected at CRF.
DNSTUDY	char	Scope - Study-Specific Testing		Collected at CRF.
DNSAMPC	num	Sample Obtained Code		Collected at CRF.
DNSAMP	char	Sample Obtained		Collected at CRF.
DNSTOREC	num	Scope - Storage for Future Use Code		Collected at CRF.
DNSTORE	char	Scope - Storage for Future Use		Collected at CRF.
DNSAMMAT	char	Sample Material		Collected at CRF.
DNDSTRYC	num	Sample Destroyed Code		Collected at CRF.
DNDSTRY	char	Sample Destroyed		Collected at CRF.
DNCNSNT	char	Informed Consent Signed		Collected at CRF.
DNSEQ	num	DNA Sample Sequence Number		Collected at CRF.
DNLIMITC	num	Is Their a Limit of Storage Lenght?		Collected at CRF.
DNLIMIT	char	Is Their a Limit of Storage Lenght?		Collected at CRF.
DNLENGTC	num	Storage Length Code		Collected at CRF.
DNLENGTH	char	Storage Length		Collected at CRF.
DNLNOTH	num	Other Storage Limit Length		Collected at CRF.

Variable	Type	Label	Codes	Comments
DNINFDY	num	Relative Day of Sign on Informed Consent		If DNINFDT and REF.DATE not missing then perform below logic to calculate DNINFDY, If DNINFDT less than REF.DATE then (DNINFDT - REF.DATE). Else if DNINFDT is greater than equal to REF.DATE then (DNINFDT- REF.DATE) +1.
DNDY	num	Relative Day of Sample		If DNDT and REF.DATE not missing then perform below logic to calculate DNDY, If DNDT less than REF.DATE then (DNDT - REF.DATE). Else if DNDT is greater than equal to REF.DATE then (DNDT- REF.DATE) +1.
DNDSTRDY	num	Relative Sample Destroyed Day		If DNDSTRDT and REF.DATE not missing then perform below logic to calculate DNDSTRDY, If DNDSTRDT less than REF.DATE then (DNDSTRDT - REF.DATE). Else if DNDSTRDT is greater than equal to REF.DATE then (DNDSTRDT- REF.DATE) +1.

1.4.14. DNA Sample (DA) – DNSAMP

Dataset	DNSAMP
Creating program	dnsamp.sas
Description	DNA Sample (DA)
Unique identifier	DUSUBJID,DASEQ
Sorted by	DUSUBJID,DASEQ
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: DNDT,DNREAS

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
DASEQ	num	DNA Sample Sequence Number		Collected at CRF.

Variable	Type	Label	Codes	Comments
DNSAMPC	num	Sample Obtained Code		Collected at CRF.
DNSAMP	char	Sample Obtained		Collected at CRF.
DNSAMMAT	char	Sample Material		Collected at CRF.
DNDY	num	Relative Day of Sample		If DNDT and REF.DATE not missing then perform below logic to calculate DNDY, if DNDT less than REF.DATE then (DNDT - REF.DATE). Else if DNDT is greater than equal to REF.DATE then (DNDT - REF.DATE) +1.

1.4.15. Electrocardiogram (EG) – ECG

Dataset	ECG
Creating program	ecg.sas
Description	Electrocardiogram (EG)
Unique identifier	DUSUBJID,EGQUAL,EGTEST,VISIT,EGDY,EGSEQ
Sorted by	DUSUBJID,EGQUAL,EGTEST,VISIT,EGDY,EGSEQ
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to non significant elements or due to missing values: EGPRVIDC,EGPRVID,EGPOS,EGPTM,EGDT,EGREF,EGND,EGCHGC,BATCHID,EGCHGOTH,EGINTOTH,EGCHG

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.

Variable	Type	Label	Codes	Comments
EGTESTCD	char	ECG Test Short Name		Collected at CRF.
EGPTMNUM	num	Planned Time Point Number		Collected at CRF.
EGACTTM	num	Actual Time of ECG		Collected at CRF.
EGQUAL	char	Qualifier		Collected at CRF.
EGTEST	char	ECG Test		Collected at CRF.
EGSTRESN	num	Numeric Result in Standard Units		Collected at CRF.
EGSTUNIT	char	Standard Units		Collected at CRF.
EGSTRESC	char	Character Result in Standard Units		Collected at CRF.
EGORRESN	num	Numeric Result in Original Units		Collected at CRF.
EGORUNIT	char	Original Units		Collected at CRF.
EGINTP	char	Interpretation		Collected at CRF.
EGINTPC	num	Interpretation Code		Collected at CRF.
EGLEAD	char	Lead Used for Measurement		Collected at CRF.
EGSEQ	num	ECG Sequence Number		Collected at CRF.
EGREAD	char	ECG Reader		Collected at CRF.
EGREADC	num	ECG Reader Code		Collected at CRF.
EGVTYPE	char	ECG Visit Type		Collected at CRF.
EGVTYPEC	num	ECG Visit Type Code		Collected at CRF.
MDS_CODE	char	MDS Code		Collected at CRF.

Variable	Type	Label	Codes	Comments
EGDY	num	Relative Actual Day of ECG		If EGDT and REF.DATE not missing then perform below logic to calculate EGDY, If EGDT less than REF.DATE then (EGDT - REF.DATE). Else if EGDT is greater than equal to REF.DATE then (EGDT - REF.DATE) +1.

1.4.16. Exposure (EX) – EXPOSURE

Dataset	EXPOSURE
Creating program	exposure.sas
Description	Exposure (EX)
Unique identifier	DUSUBJID,EXSTDY
Sorted by	DUSUBJID,EXSTDY
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: EXSTDT,EXENDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity

Variable	Type	Label	Codes	Comments
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
EXGIVEN	num	Number of Tablets Taken Daily		Collected at CRF.
EXSTDY	num	Relative Start Day of Exposure		If EXSTDT and REF.DATE not missing then perform below logic to calculate EXSTDY, If EXSTDT less than REF.DATE then (EXSTDT - REF.DATE). Else if EXSTDT is greater than equal to REF.DATE then (EXSTDT- REF.DATE) +1.
EXENDY	num	Relative End Day of Exposure		If EXENDT and REF.DATE not missing then perform below logic to calculate EXENDY, If EXENDT less than REF.DATE then (EXENDT - REF.DATE). Else if EXENDT is greater than equal to REF.DATE then (EXENDT- REF.DATE) +1.

1.4.17. Family History (FH) – FAMHIST

Dataset	FAMHIST
Creating program	famhist.sas
Description	Family History (FH)
Unique identifier	DUSUBJID
Sorted by	DUSUBJID
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: FHACTION

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
FHMEM	char	Family Member		Collected at CRF.

Variable	Type	Label	Codes	Comments
FHDTYPE	char	Diabetes Types		Collected at CRF.
FHHIST	char	Relatives History of Diabetes		Collected at CRF.
FHHISTC	num	Relatives History of Diabetes Code		Collected at CRF.
FHACTDY	num	Relative Actual Day of Collection		If FHACTDT and REF.DATE not missing then perform below logic to calculate FHACTDY, If FHACTDT less than REF.DATE then (FHACTDT - REF.DATE). Else if FHACTDT is greater than equal to REF.DATE then (FHACTDT- REF.DATE) +1.

1.4.18. Habit (HA) – HABIT

Dataset	HABIT
Creating program	habit.sas
Description	Habit (HA)
Unique identifier	DUSUBJID
Sorted by	DUSUBJID
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: HAENDTC,HAACTDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.

Variable	Type	Label	Codes	Comments
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
HASMOCUC	num	Does Subject Currently Smoke Code		Collected at CRF.
HASMOCU	char	Does Subject Currently Smoke		Collected at CRF.
HACGTNUM	num	Number of Cigarettes		Collected at CRF.
HACGRNUM	num	Number of Cigars		Collected at CRF.
HAPIPNUM	num	Number of Pipes		Collected at CRF.
HASMOPSC	num	Has Subject Smoked in the Past Code		Collected at CRF.
HASMOPS	char	Has Subject Smoked in the Past		Collected at CRF.
HAYEAR	num	Number of Years Subject Has Smoked		Collected at CRF.

Variable	Type	Label	Codes	Comments
HAACTDY	num	Relative Actual Day of Smoking Habit		If HAACTDT and REF.DATE not missing then perform below logic to calculate HAACTDY, If HAACTDT less than REF.DATE then (HAACTDT - REF.DATE). Else if HAACTDT is greater than equal to REF.DATE then (HAACTDT- REF.DATE) +1.
HAENDY	num	Relative Stop Day		If HAENDTC and REF.DATE not missing then perform below logic to calculate HAENDY, If HAENDTC less than REF.DATE then (HAENDTC - REF.DATE). Else if HAENDTC is greater than equal to REF.DATE then (HAENDTC- REF.DATE) +1.

1.4.19. LAB (LB) – HEMAT

Dataset	HEMAT
Creating program	hemat.sas
Description	LAB (LB)
Unique identifier	DUSUBJID, LBTEST, LBACTDY
Sorted by	DUSUBJID, LBTEST, LBACTDY
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to non significant elements or due to missing values: LBPRVID, LBPRVIDC, ACCNUM, LBREASND, LBCVFACT, LBSIGLO, LBSIGHI, LBSEQ, STDNRC, TSTCOM, LBFAST, LBFASTC, LBENTM, LBENDT, LBTMLBL, LBACTDT, LBREF

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.

Variable	Type	Label	Codes	Comments
VISIT	char	Visit		Collected at CRF.
LBVTYPEC	num	Lab Visit Type Code		Collected at CRF.
LBVTYPE	char	Lab Visit Type		Collected at CRF.
LBACTTM	num	Actual Time of Lab Sample		Collected at CRF.
LBPTM	num	Planned Collection Time		Collected at CRF.
LBSPECMN	char	Specimen Type		Collected at CRF.
AGEATCOL	char	Subject Age at Collection		If age is greater than 89 then group to '90+' otherwise AGE=AGE. Grouping will be performed based on HIPAA privacy rules.
AGEU	char	Subject Age Units		Collected at CRF.
LBTYPESC	num	Lab Type Code		Collected at CRF.
LBTYPES	char	Lab Type		Collected at CRF.
LBTESTC	num	Lab Test Code		Collected at CRF.
LBABBR	char	Lab Test Abbreviation		Collected at CRF.
LBTEST	char	Lab Test Name		Collected at CRF.
LBDESCR	char	Full Test Description		Collected at CRF.
LBSTAT	char	Lab Status		Collected at CRF.
ORGRES	char	Character Result in Original Units		Collected at CRF.
ORGRESN	num	Numeric Result in Original Units		Collected at CRF.
ORGNRLO	num	Normal Range Lower Limit in Orig Units		Collected at CRF.

Variable	Type	Label	Codes	Comments
ORGNRHI	num	Normal Range Upper Limit in Orig Units		Collected at CRF.
ORGUNIT	char	Reported Unit		Collected at CRF.
REPUNIT	char	Reported Unit		Collected at CRF.
STDRESC	char	Character Result in Standard Units		Collected at CRF.
STDRESN	num	Numeric Result in Standard Units		Collected at CRF.
STDNRLO	num	Normal Range Lower Limit in Std Units		Collected at CRF.
STDNRHI	num	Normal Range Upper Limit in Std Units		Collected at CRF.
STDUNIT	char	Standard Units		Collected at CRF.
NRIND	char	Normal Range Indicator		Collected at CRF.
LBSIFACT	num	Std. Intl. Conversion Factor		Collected at CRF.
LBACTDY	num	Relative Actual Day of Sample		If LBACTDT and REF.DATE not missing then perform below logic to calculate LBACTDY, if LBACTDT less than REF.DATE then (LBACTDT - REF.DATE). Else if LBACTDT is greater than equal to REF.DATE then (LBACTDT- REF.DATE) +1.

1.4.20. Hospitalization (HO) – HOSPITAL

Dataset	HOSPITAL
Creating program	hospital.sas
Description	Hospitalization (HO)
Unique identifier	DUSUBJID
Sorted by	DUSUBJID
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to repetition of the information: HOENDT,HOSTDTC,HOSTDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
HODISCHC	num	Is Subject Discharged From Hospital		Collected at CRF.

Variable	Type	Label	Codes	Comments
HODISCH	char	Is Subject Discharged From Hospital		Collected at CRF.
HOSTDY	num	Relative Adm. Day of Hospitalization		If HOSTDTC and REF.DATE not missing then perform below logic to calculate HOSTDY, If HOSTDTC less than REF.DATE then (HOSTDTC - REF.DATE). Else if HOSTDTC is greater than equal to REF.DATE then (HOSTDTC- REF.DATE) +1.
HOENDY	num	Relative Dischrg Day of Hospitalization		If HOENDT and REF.DATE not missing then perform below logic to calculate HOENDY, If HOENDT less than REF.DATE then (HOENDT - REF.DATE). Else if HOENDT is greater than equal to REF.DATE then (HOENDT- REF.DATE) +1.

1.4.21. Inclusion/Exclusion Exceptions (IE) – IE

Dataset	IE
Creating program	ie.sas
Description	Inclusion/Exclusion Exceptions (IE)
Unique identifier	DUSUBJID,IESPID
Sorted by	DUSUBJID,IESPID
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: IEDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
IECAT	char	Inclusion/Exclusion Category		Collected at CRF.

Variable	Type	Label	Codes	Comments
IESPID	char	Sponsor-defined Identifier		Collected at CRF.
IETESTCD	char	Inclusion/Exclusion Criterion Short Name		Collected at CRF.
IETEST	char	Inclusion/Exclusion Criterion		Collected at CRF.
IESTRESC	char	Exception Criterion Result in Std Format		Collected at CRF.
IEORRES	char	Exception Criterion Original Result		Collected at CRF.
IEMETC	num	Overall Criteria Met Code		Collected at CRF.
IEMET	char	Overall Criteria Met		Collected at CRF.
IEDY	num	Relative Day of Collection		If IEDT and REF.DATE not missing then perform below logic to calculate IEDY, If IEDT less than REF.DATE then (IEDT - REF.DATE). Else if IEDT is greater than equal to REF.DATE then (IEDT - REF.DATE) +1.

1.4.22. Intake (IT) – INTAKE

Dataset	INTAKE
Creating program	intake.sas
Description	Intake (IT)
Unique identifier	DUSUBJID,ITACTDY
Sorted by	DUSUBJID,ITACTDY
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: ITACTDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
ITTYPE	char	Intake Type		Collected at CRF.

Variable	Type	Label	Codes	Comments
ITACTTM	num	Actual Time of Intake		Collected at CRF.
ITACTDY	num	Relative Actual Day of Intake		If ITACTDT and REF.DATE not missing then perform below logic to calculate ITACTDY, If ITACTDT less than REF.DATE then (ITACTDT - REF.DATE). Else if ITACTDT is greater than equal to REF.DATE then (ITACTDT- REF.DATE) +1.

1.4.23. Medical History (MH) – MEDHIST

Dataset	MEDHIST
Creating program	medhist.sas
Description	Medical History (MH)
Unique identifier	DUSUBJID,MHBODSYS
Sorted by	DUSUBJID,MHBODSYS
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: MHTERM,MHACTDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity

Variable	Type	Label	Codes	Comments
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
MHSEQ	num	MH Sequence Number		Collected at CRF.
MHBODSYC	num	Body System Code		Collected at CRF.
MHBODSYS	char	Body System		Collected at CRF.
MHSTATC	num	Condition Code		Collected at CRF.
MHSTAT	char	Condition		Collected at CRF.
MHACTDY	num	Relative Actual Day of Collection		If MHACTDT and REF.DATE not missing then perform below logic to calculate MHACTDY, if MHACTDT less than REF.DATE then (MHACTDT - REF.DATE). Else if MHACTDT is greater than equal to REF.DATE then (MHACTDT- REF.DATE) +1.

1.4.24. Medication Kit (MK) – MEDKIT

Dataset	MEDKIT
Creating program	medkit.sas
Description	Medication Kit (MK)
Unique identifier	DUSUBJID,DISPDY
Sorted by	DUSUBJID,DISPDY
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: KITNUM,DISPDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.

Variable	Type	Label	Codes	Comments
DISPDY	num	Relative Actual Day Kit Dispensed		If DISPDT and REF.DATE not missing then perform below logic to calculate DISPDY, If DISPDT less than REF.DATE then (DISPDT - REF.DATE). Else if DISPDT is greater than equal to REF.DATE then (DISPDT - REF.DATE) +1.

1.4.25. PANSS (PA) – PANSS

Dataset	PANSS
Creating program	panss.sas
Description	PANSS (PA)
Unique identifier	DUSUBJID,PAGROUP,PAITEM,PAACTDY
Sorted by	DUSUBJID,PAGROUP,PAITEM,PAACTDY
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: PAACTDT,PARATERI

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity

Variable	Type	Label	Codes	Comments
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
PAVTYPEC	num	PANSS Visit Type Code		Collected at CRF.
PAVTYPE	char	PANSS Visit Type		Collected at CRF.
PAGROUP	char	PANSS Group		Collected at CRF.
PAITEM	char	PANSS Item		Collected at CRF.
PASCOREC	num	PANSS Score Code		Collected at CRF.
PASCORE	char	PANSS Score		Collected at CRF.
PAACTDY	num	Relative Actual Day of PANSS		If PAACTDT and REF.DATE not missing then perform below logic to calculate PAACTDY, If PAACTDT less than REF.DATE then (PAACTDT - REF.DATE). Else if PAACTDT is greater than equal to REF.DATE then (PAACTDT- REF.DATE) +1.

1.4.26. PKPD Concentrations – PCCNC

Dataset	PCCNC
Creating program	pccnc.sas
Description	PKPD Concentrations
Unique identifier	DUSUBJID,PCORRESN,PCSTDY,PCSTTM,PCSEQ
Sorted by	DUSUBJID,PCORRESN,PCSTDY,PCSTTM,PCSEQ
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to missing values: SPPRVIDC,PCSPCOM,PCNRLO,PCNRHI,PCENTM,PCENDT,PCSTDT,ACQREF, SAMREF,PCPRVID,PCPRVIDC,SPPRVID

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
TPTNUM	num	Planned Time Point Number		Collected at CRF.

Variable	Type	Label	Codes	Comments
TPT	char	Planned Time Point		Collected at CRF.
PCVTYPEC	num	PK/PD Sample Visit Type Code		Collected at CRF.
PCVTYPE	char	PK/PD Sample Visit Type		Collected at CRF.
PCPRMTYP	char	Parameter Type		Collected at CRF.
PCCAT	char	Category for Test or Examination		Collected at CRF.
SAMMAT	char	Sample Material		Collected at CRF.
PCSPEC	char	Specimen Material		Collected at CRF.
PCSEQ	num	Sample Sequence Number		Collected at CRF.
PCSTTM	char	Start Time of Specimen Collection		Collected at CRF.
PCTEST	char	Test Name		Collected at CRF.
PCORRESN	num	Numeric Result in Original Units		Collected at CRF.
PCORRES	char	Result in Original Units		Collected at CRF.
PCORUNIT	char	Original Units		Collected at CRF.
PCSTRESN	num	Numeric Result in Standard Units		Collected at CRF.
PCSTRESC	char	Character Result in Standard Units		Collected at CRF.
PCSTUNIT	char	Standard Units		Collected at CRF.
PCSTATC	num	Sample Collection Status Code		Collected at CRF.
PCSTAT	char	Sample Collection Status		Collected at CRF.

Variable	Type	Label	Codes	Comments
PCSTDY	num	Relative Start Day of Specimen Collectn		If PCSTDT and REF.DATE not missing then perform below logic to calculate PCSTDY, If PCSTDT less than REF.DATE then (PCSTDT - REF.DATE). Else if PCSTDT is greater than equal to REF.DATE then (PCSTDT- REF.DATE) +1.

1.4.27. Physical Exam (PE) – PE

Dataset	PE
Creating program	pe.sas
Description	Physical Exam (PE)
Unique identifier	DUSUBJID,PEBODSYS,PEACTDY
Sorted by	DUSUBJID,PEBODSYS,PEACTDY
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: PEFIND,PEACTDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity

Variable	Type	Label	Codes	Comments
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
PESEQ	num	Phys Sequence Number		Collected at CRF.
PEBODSYC	num	Body System Code		Collected at CRF.
PEBODSYS	char	Body System		Collected at CRF.
PESTATC	num	Exam Result Code		Collected at CRF.
PESTAT	char	Exam Result		Collected at CRF.
PEACTDY	num	Relative Actual Day of Phys Exam		If PEACTDT and REF.DATE not missing then perform below logic to calculate PEACTDY, If PEACTDT less than REF.DATE then (PEACTDT - REF.DATE). Else if PEACTDT is greater than equal to REF.DATE then (PEACTDT- REF.DATE) +1.

1.4.28. Protocol Description (PD) – PROTDESC

Dataset	PROTDESC
Creating program	protdesc.sas
Description	Protocol Description (PD)
Unique identifier	STUDYID
Sorted by	STUDYID
Notes	

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
COMPND	char	Compound Number		Collected at CRF.
COMPND	char	Compound Name		Collected at CRF.
BLINDING	char	Blinding Level		Collected at CRF.
ACTCONTR	char	Active Control		Collected at CRF.
PLACONTR	char	Placebo Control		Collected at CRF.
DESIGN	char	Trial Design		Collected at CRF.
MULTCENT	char	Multi Center		Collected at CRF.
INDICAT	char	Indication		Collected at CRF.
DEVPROID	char	Development Program Id		Collected at CRF.
AGEGRP	char	Age Group		Collected at CRF.
SPECPOP	char	Special Population		Collected at CRF.

Variable	Type	Label	Codes	Comments
SUBJTYPE	char	Subject Type		Collected at CRF.
PROCSTUD	char	Preceding Study Id		Collected at CRF.
STUDPHAS	char	Phase of Study		Collected at CRF.
CRDMVR	char	Phase of Study		Collected at CRF.

1.4.29. Protocol Deviation (PV) – PROTDEV

Dataset	PROTDEV
Creating program	protdev.sas
Description	Protocol Deviation (PV)
Unique identifier	DUSUBJID
Sorted by	DUSUBJID
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: PVTERM

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity

Variable	Type	Label	Codes	Comments
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
PVSEQ	num	Protocol Deviation Seq Number		Collected at CRF.
PVDECOD	char	Protocol Deviation Coded Term		Collected at CRF.

1.4.30. Pers. And Soc. Performance Scale (PS) – PSP

Dataset	PSP
Creating program	psp.sas
Description	Pers. And Soc. Performance Scale (PS)
Unique identifier	DUSUBJID,PSACTDY
Sorted by	DUSUBJID,PSACTDY
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: PSRATERI,PSACTDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity

Variable	Type	Label	Codes	Comments
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
PSSCORE	num	PSP Score		Collected at CRF.
PSACTDY	num	Relative Actual Day of PSP		If PSACTDT and REF.DATE not missing then perform below logic to calculate PSACTDY, If PSACTDT less than REF.DATE then (PSACTDT - REF.DATE). Else if PSACTDT is greater than equal to REF.DATE then (PSACTDT- REF.DATE) +1.

1.4.31. Psychiatric History (PY) – PSYHIST

Dataset	PSYHIST
Creating program	psyhist.sas
Description	Psychiatric History (PY)
Unique identifier	DUSUBJID,PYSTDY,PYSEQ
Sorted by	DUSUBJID,PYSTDY,PYSEQ
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to repetition of the information: PYSTDTC,PYENDT,PYENDTC,PYSTDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
PYHOSPC	num	Hospitalizations for Psychosis Code		Collected at CRF.

Variable	Type	Label	Codes	Comments
PYHOSP	char	Hospitalizations for Psychosis		Collected at CRF.
PYSEQ	num	Psychiatric History Sequence Number		Collected at CRF.
PYDIAG	char	Diagnosis		Collected at CRF.
PYSTDY	num	Relative Act. Start Day of Psychosis Trt. (Char)		If PYSTDTC and REF.DATE not missing then perform below logic to calculate PYSTDY, If PYSTDTC less than REF.DATE then (PYSTDTC - REF.DATE). Else if PYSTDTC is greater than equal to REF.DATE then (PYSTDTC- REF.DATE) +1.
PYENDY	num	Relative Act End Day of Psychosis Trt		If PYENDTC and REF.DATE not missing then perform below logic to calculate PYENDY, If PYENDTC less than REF.DATE then (PYENDTC - REF.DATE). Else if PYENDTC is greater than equal to REF.DATE then (PYENDTC- REF.DATE) +1.

1.4.32. Randomization (RA) – RANDOM

Dataset	RANDOM
Creating program	random.sas
Description	Randomization (RA)
Unique identifier	DUSUBJID
Sorted by	DUSUBJID
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to missing values: RAACTDT,SUB,RANDNUM

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
TRTGRPC	num	Treatment Group Code		Collected at CRF.

Variable	Type	Label	Codes	Comments
TRTGRP	char	Treatment Group		Collected at CRF.
RASEQ	num	Randomization Sequence Number		Collected at CRF.
REGIMEN	char	Regimen Code		Collected at CRF.
RAACTDY	num	Relative Actual Day of Randomization		If RAACTDT and REF.DATE not missing then perform below logic to calculate RAACTDY, If RAACTDT less than REF.DATE then (RAACTDT - REF.DATE). Else if RAACTDT is greater than equal to REF.DATE then (RAACTDT- REF.DATE) +1.

1.4.33. SARS (SR) – SARS

Dataset	SARS
Creating program	sars.sas
Description	SARS (SR)
Unique identifier	DUSUBJID,SRITEM,SRACTDY
Sorted by	DUSUBJID,SRITEM,SRACTDY
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: SRACTDT,SRRATERI

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.

Variable	Type	Label	Codes	Comments
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
SRVTYPEPEC	num	SARS Visit Type Code		Collected at CRF.
SRVTYPE	char	SARS Visit Type		Collected at CRF.
SRITEM	char	SARS Item		Collected at CRF.
SRSCOREC	num	SARS Score Code		Collected at CRF.
SRSCORE	char	SARS Score		Collected at CRF.
SRACTDY	num	Relative Actual Day of SARS		If SRACTDT and REF.DATE not missing then perform below logic to calculate SRACTDY, If SRACTDT less than REF.DATE then (SRACTDT - REF.DATE). Else if SRACTDT is greater than equal to REF.DATE then (SRACTDT- REF.DATE) +1.

1.4.34. SF36 (SF) – SF36

Dataset	SF36
Creating program	sf36.sas
Description	SF36 (SF)
Unique identifier	DUSUBJID,SFGROUP,SFITEM,SFACTDY
Sorted by	DUSUBJID,SFGROUP,SFITEM,SFACTDY
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: SFRATERI,SFACTDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
SFGROUP	char	SF36 Group		Collected at CRF.

Variable	Type	Label	Codes	Comments
SFITEM	char	SF36 Item		Collected at CRF.
SFSCOREC	num	SF36 Score Code		Collected at CRF.
SFSCORE	char	SF36 Score		Collected at CRF.
SFACTDY	num	Relative Actual Day of SF36		If SFACTDT and REF.DATE not missing then perform below logic to calculate SFACTDY, If SFACTDT less than REF.DATE then (SFACTDT - REF.DATE). Else if SFACTDT is greater than equal to REF.DATE then (SFACTDT- REF.DATE) +1.

1.4.35. Surgery (SG) – SURGERY

Dataset	SURGERY
Creating program	surgery.sas
Description	Surgery (SG)
Unique identifier	DUSUBJID
Sorted by	DUSUBJID
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to repetition of the information: SGPLNDT,SGPLNDTC

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.

Variable	Type	Label	Codes	Comments
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
SGREPRTC	num	Are any Surg/Proc. Planned Code		Collected at CRF.
SGREPRT	char	Are any Surg/Proc. Planned		Collected at CRF.
SGSEQ	num	Sequence Number		Collected at CRF.
SGBODSYC	num	Surgery Body System Code		Collected at CRF.
SGBODSYS	char	Surgery Body System		Collected at CRF.
SGPROC	char	Surgery/Procedure		Collected at CRF.
SGINDIC	char	Indication for Surgery/Procedure		Collected at CRF.
SGPLNDY	num	Relative Day of Planned Surgery/Proc		If SGPLNDTC and REF.DATE not missing then perform below logic to calculate SGPLNDY, If SGPLNDTC less than REF.DATE then (SGPLNDTC - REF.DATE). Else if SGPLNDTC is greater than equal to REF.DATE then (SGPLNDTC- REF.DATE) +1.

1.4.36. Trial Inclusion/Exclusion Criteria (TI) – TI

Dataset	TI
Creating program	ti.sas
Description	Trial Inclusion/Exclusion Criteria (TI)
Unique identifier	IETEST
Sorted by	IETEST
Notes	

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
IECAT	char	Inclusion/Exclusion Category		Collected at CRF.
IESPID	char	Sponsor-defined Identifier		Collected at CRF.
IETEST	char	Inclusion/Exclusion Criterion		Collected at CRF.
IETESTCD	char	Inclusion/Exclusion Criterion Short Name		Collected at CRF.

1.4.37. LAB (LB) – URINE

Dataset	URINE
Creating program	urine.sas
Description	LAB (LB)
Unique identifier	DUSUBJID, LBTEST, LBACTDY
Sorted by	DUSUBJID, LBTEST, LBACTDY
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to missing values: TSTCOM, LBFAST, LBFASTC, LBENTM, LBENDT, LBTMLBL, LBACTDT, LBREF, ACCNUM, LBPRVID, LBPRVIDC, STDNRC, LBSEQ, LBREASND, LBCVFACT, LBSIGLO, LBSIGHI

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.

Variable	Type	Label	Codes	Comments
LBVTYPEC	num	Lab Visit Type Code		Collected at CRF.
LBVTYPE	char	Lab Visit Type		Collected at CRF.
LBACTTM	num	Actual Time of Lab Sample		Collected at CRF.
LBPTM	num	Planned Collection Time		Collected at CRF.
LBSPECMN	char	Specimen Type		Collected at CRF.
AGEATCOL	char	Subject Age at Collection		If age is greater than 89 then group to '90+' otherwise AGE=AGE. Grouping will be performed based on HIPAA privacy rules.
AGEU	char	Subject Age Units		Collected at CRF.
LBTYPEC	num	Lab Type Code		Collected at CRF.
LBTYPE	char	Lab Type		Collected at CRF.
LBTESTC	num	Lab Test Code		Collected at CRF.
LBABBR	char	Lab Test Abbreviation		Collected at CRF.
LBTEST	char	Lab Test Name		Collected at CRF.
LBDESCR	char	Full Test Description		Collected at CRF.
LBSTAT	char	Lab Status		Collected at CRF.
ORGRES	char	Character Result in Original Units		Collected at CRF.
ORGRESN	num	Numeric Result in Original Units		Collected at CRF.
ORGNRLO	num	Normal Range Lower Limit in Orig Units		Collected at CRF.
ORGNRHI	num	Normal Range Upper Limit in Orig Units		Collected at CRF.

Variable	Type	Label	Codes	Comments
ORGUNIT	char	Reported Unit		Collected at CRF.
REPUNIT	char	Reported Unit		Collected at CRF.
STDRESC	char	Character Result in Standard Units		Collected at CRF.
STDRESN	num	Numeric Result in Standard Units		Collected at CRF.
STDNRLO	num	Normal Range Lower Limit in Std Units		Collected at CRF.
STDNRHI	num	Normal Range Upper Limit in Std Units		Collected at CRF.
STDUNIT	char	Standard Units		Collected at CRF.
NRIND	char	Normal Range Indicator		Collected at CRF.
LBSIFACT	num	Std. Intl. Conversion Factor		Collected at CRF.
LBACTDY	num	Relative Actual Day of Sample		If LBACTDT and REF.DATE not missing then perform below logic to calculate LBACTDY, If LBACTDT less than REF.DATE then (LBACTDT - REF.DATE). Else if LBACTDT is greater than equal to REF.DATE then (LBACTDT- REF.DATE) +1.

1.4.38. Visit (VI) – VISIT

Dataset	VISIT
Creating program	visit.sas
Description	Visit (VI)
Unique identifier	DUSUBJID,VISIT
Sorted by	DUSUBJID,VISIT
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines: VISITDT

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.

Variable	Type	Label	Codes	Comments
VISITDY	num	Relative Visit Day		If VISITDT and REF.DATE not missing then perform below logic to calculate VISITDY, If VISITDT less than REF.DATE then (VISITDT - REF.DATE). Else if VISITDT is greater than equal to REF.DATE then (VISITDT- REF.DATE) +1.

1.4.39. Vital Signs (VS) – VITAL

Dataset	VITAL
Creating program	vital.sas
Description	Vital Signs (VS)
Unique identifier	DUSUBJID,VISIT,VSACTDY,VSSEQ
Sorted by	DUSUBJID,VISIT,VSACTDY,VSSEQ
Notes	Below listed variables will be dropped from dataset to protect PII as per HIPAA and EMA guidelines or due to missing values: VSACTDT,VSWSUNIT,VSWAIST

Variable	Type	Label	Codes	Comments
STUDYID	char	Study Identifier		Collected at CRF.
DUSUBJID	char	Unique Subject Id Assign for De-identity		Randomly assigned Unique Subject Id for De-identity
DSUBJID	char	Subject Id Assigned for De-identity		Randomly assigned Subject Id for De-identity
DSITEID	char	Site Id Assigned for De-identity		Randomly assigned Site Id for De-identity
PHASENUM	num	Phase Number		Collected at CRF.

Variable	Type	Label	Codes	Comments
PHASE	char	Phase		Collected at CRF.
VISITNUM	num	Visit Number		Collected at CRF.
VISIT	char	Visit		Collected at CRF.
VSVTYPEC	num	Vital Signs Visit Type Code		Collected at CRF.
VSVTYPE	char	Vital Signs Visit Type		Collected at CRF.
VSSEQ	num	Vital Signs Sequence Number		Collected at CRF.
VSPOS	char	Position		Collected at CRF.
VSWEIGHT	num	Weight		Collected at CRF.
VSWTUNIT	char	Weight Unit		Collected at CRF.
VSHEIGHT	num	Height		Collected at CRF.
VSHTUNIT	char	Height Unit		Collected at CRF.
PULSE	num	Pulse Rate (bpm)		Collected at CRF.
SYSBP	num	Systolic Blood Pressure (mmHg)		Collected at CRF.
DIABP	num	Diastolic Blood Pressure (mmHg)		Collected at CRF.
TEMP	num	Temperature		Collected at CRF.
TEMPUNIT	char	Temperature Unit		Collected at CRF.
VSACTDY	num	Relative Actual Day of Vital Signs		If VSACTDT and REF.DATE not missing then perform below logic to calculate VSACTDY, If VSACTDT less than REF.DATE then (VSACTDT - REF.DATE). Else if VSACTDT is greater than equal to REF.DATE then (VSACTDT- REF.DATE) +1.