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## SDTM Domains: Your Options

SDTM IG V3.1.1 Released 2005-08-26

Three Intervention Domains (CM, EX, SU)

Three Events Domains (AE, DS, MH)

Seven Findings Domains (EG, IE, LB, PE, QS, SC, VS)

SDTM IG V3.4 Released 2021-11-29

Seven Intervention Domains (AG, CM, EX, EC, ML, PR, SU)

Seven Event Domains (AE, BE, CE, DS, HO, MH, DV)

Twenty Seven Findings
Domains (DA, DD, EG, IE,
BS, CP, GF, IS, LB, MB, MS,
MI, PC, PP, MO, CV, MK, NV,
OE, RP, RE, UR, PE, FT, QS,
RS, SC, SS, TU, TR, VS)



# The FDA's Expectations when Creating Your Custom Domain

Sponsors should confirm that the data does not fit into an existing domain

If it is necessary to create a custom domain, make sure to follow the SDTMIG recommendations

Present your implementation approach in the CSDRG (Clinical Study Data Reviewers Guide)

Consider creating a custom dataset aligned with the Study Data Tabulation Model

Questions about your custom domain should be addressed in pre-submission meetings and documented in the Study Data Standardization Plan (SDSP)

### The Study Data Tabulation Models Do's

Must be based on 1 of the 3 SDTM General Observation Classes



You must confirm that none of the existing published domains will fit the need.

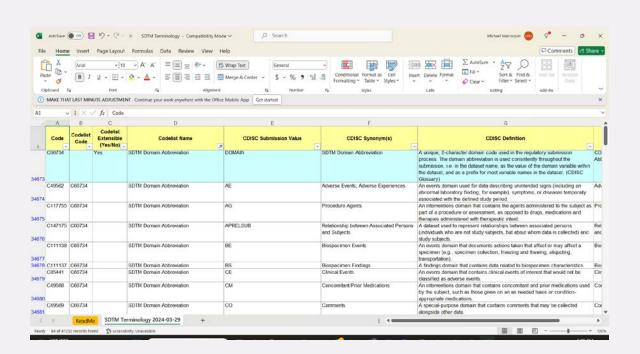


You must check the SDTM Draft Domains area of the CDISC wiki for proposed domains developed since the last published version of the SDTMIG

Page	Dataset	Description	Class	Version	Structure	Purpose	Keys*	Location
Product Accountability (DA)	DA	Product Accountability	Findings	1.1	One record per product accountability finding per subject	Tabulation	STUDYID, USUBJID, DATESTCD, DADTC	da.xpt
Environmental and Social Factors (ER)	ER	Environmental and Social Factors	Events	1.0	One record per event per subject	Tabulation	STUDYID, USUBJID, ERTERM	er.xpt
Gastrointestinal System Findings (GI)	Gl	Gastrointestinal System Findings	Findings	1.0	One record per finding or result per time point per visit per subject	Tabulation	STUDYID, USUBJID, VISITNUM, GITESTCD, GILOC, GILAT	gi.xpt
ECG QT Correction Model Data (QT)	QT	ECG QT Correction Model Data	Findings	1.0	One record per finding or result per time point per visit per subject	Tabulation	STUDYID, USUBJID, QTTESTCD	qt.xpt
Whole-Body System (WB)	WB	Whole-Body System	Findings	1.1	One record per observed whole-body system finding per subject	Tabulation	STUDYID, USUBJID, SEQ	sb.xpt



## Naming Your Custom Domain



Make sure that the domain abbreviation is not already listed in the CDISC Controlled Terminology SDTM Domain Abbreviation Codelist:

(<a href="https://datascience.cancer.gov/resourc">https://datascience.cancer.gov/resourc</a> es/cancervocabulary/cdisc-terminology)

Domain codes beginning with the letters X, Y, and Z have been reserved for the creation of custom domains. This is optional.

If you have an interest to have the domain code be a part of CDISC CT submit a request at https://ncitermform.nci.nih.gov/ncitermform/?version=cdisc

#### More SDTM Do's

#### Include

Include the topic variable from whichever observation class you have chosen (--TESTCD, --TERM, --TRT)

#### Include

Include relevant qualifier variables

#### Include

Include applicable timing variables



## The Study Data Tabulation Models Don'ts

Do not create a custom domain if the nature of the data is the same as another published domain

Do not create separate domains based on time

How collected data is used must not result in the creation of a custom domain

#### More SDTM Don'ts

#### Do not include

• Do not include irrelevant qualifier variables belonging to a different observation class you have chosen for your custom domain

#### Do not reinvent

• Do not try to reinvent the wheel when creating variables labels for your domain. Use resources available

#### Do not use

• Do not use AD, AX, AP, SQ, and SA as your custom domain codes

#### 3.1.1 The Interventions Observation Class

Interventions—Topic and Qualifier Variables—One Record per Constant-dosing Interval or Intervention Episode

#	Variable	Variable Label	Type	Format	Polo	Variable(s)	Usage	Variable	Definition	Notes	Examples
#	Name	Valiable Label	Туре	romat	Kole	Qualified	Restrictions	C-code	Delililidoli	Hotes	Liampies
1	TRT	Name of	Char		Topic			C82542	The reported name of the	The topic for the intervention	
		Treatment							drug, procedure, or therapy.	observation, usually the verbatim	
										name of the treatment, drug,	
										medicine, or therapy given during the	
										dosing interval for the observation.	
2	MODIFY	Modified	Char		Synonym	TRT		C170998	A value which represents an	If the value forTRT is modified for	
		Treatment Name			Qualifier				alteration to a collected	coding purposes, then the modified	
_									value for coding purposes.	text is placed here.	
3	DECOD	Standardized	Char		Synonym	TRT		C170991	Standardized or dictionary-	Equivalent to the generic drug name	
		Treatment Name			Qualifier				derived text for the	in WHODrug, or a term in SNOMED,	
									description of an event or	ICD-9, or other published or sponsor-	
	HOOD	Maria	01		D			0447054	intervention.	defined dictionaries.	IOOUEDU EDI
4	MOOD	Mood	Char		Record Qualifier			C117051	The state that may be		"SCHEDULED", "PERFORMED"
					Qualifier				applied to a record to indicate its phase in a life		PERFORMED
									cycle or business process		
									(e.g., scheduled, performed).		
5	CAT	Category	Char		Grouping			C25372	A grouping or classification		
_	-0/1	outogo, j	Onlai		Qualifier			020012	of the topic of the finding,		
					GGGIIII OI				event, or intervention.		
6	-SCAT	Subcategory	Char		Grouping				A further grouping or	The category is inCAT.	
					Qualifier				classification of the category		
									for the topic of the finding,		
									event, or intervention.		
7	DDECD	Dec Consideral	Oh		Madabla	TOT	Mark in	000540	A - indication that the access	\/_L	1





Present your implementation approach in the cSDRG (Clinical Study Data Reviewers Guide)

## Documenting your custom domain



Questions about custom domains should be addressed in pre-submission meetings



Document your custom domain in the SDSP



Describe the dataset within the Define-XML document

# Thank You for Listening

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