

Mapping Information Document

Mapping Name	PFDA_DM_FHIR_MedicationX_To_SDTM_CM
Mapping Description	PFDA_DM_FHIR_MedicationX_To_SDTM_CM
Creation Date	Mon Apr 14 17:23:25 UTC 2025
Last Modified On	Thu Apr 17 16:07:35 UTC 2025
Created By	Sandeep Naredla
Last Modified By	Sandeep Naredla
Group Owner	Group_1

Schema Information

Source Schemas		
Schema Name	Schema ID	Schema Root
PFDA_CDMH3_JSCH_Uscore_Bundle	JSONSchema:010003003037174070726641800137	Root

Target Schemas			
Schema Name	Schema ID	Schema Root	Stream Name
TSCH_SDTM_CM	TextSchema:172029096001158447550740300004	Root	output_1

Global Variables								
Variable Name				Value				

Custom Methods								
Alias Name		Class Name		Method Name			Paramaters	

Mapping Information									
TARGET NAME	TARGET FIELD	MAPPING FIELD	FOR EACH	SORTING RULES			COMMENTS	LOCAL VARIABLES	
				Source Element	Data Type	Order		Variable Name	Value
TSCH_SDTM_CM	/Root/Record/STUDYID	concat('RWDTOSDTM-' , Current-date('yyyyMMdd'))							
TSCH_SDTM_CM	/Root/Record/DOMAIN	'CM'							
TSCH_SDTM_CM	/Root/Record/CMSTAT	WHEN CONDITION{ status = 'cancelled'} VALUE=['NOT DONE'] OTHERWISE VALUE=[]							
TSCH_SDTM_CM	/Root/Record/CMREASND	WHEN CONDITION{ statusReasonCodeableConcept/coding/code != '' } VALUE=[statusReasonCodeableConcept/coding/code] OTHERWISE VALUE=[statusReasonCodeableConcept/text]							
TSCH_SDTM_CM	/Root/Record/CMCAT	WHEN CONDITION{ category/coding/code != '' } VALUE=[category/coding/code] OTHERWISE VALUE=[category/text]							
TSCH_SDTM_CM	/Root/Record/USUBJID	subject/reference							
TSCH_SDTM_CM	/Root/Record/CMSPID	identifier/value							
TSCH_SDTM_CM	/Root/Record/CMDOSU	dosageInstruction/doseAndRate/doseQuantity/unit							
TSCH_SDTM_CM	/Root/Record/CMDOSE	dosageInstruction/doseAndRate/doseQuantity/value							
TSCH_SDTM_CM	/Root/Record/CMDOSTXT	WHEN CONDITION{ dosageInstruction/doseAndRate/doseQuantity/value != '' } VALUE=[] OTHERWISE VALUE=[dosageInstruction/text]							
TSCH_SDTM_CM	/Root/Record/CMSTDTC	\$Input_PFDA_CDMH3_JSCH_Uscore_Bundle/Root/entry/resource[resourceType = 'MedicationRequest' and id = \$varMedRequestId]/authoredOn						varMedRequestId	substring-before(authorizingPrescription/reference,'MedicationRequest/')
TSCH_SDTM_CM	/Root/Record/CMROUTE	WHEN CONDITION{ dosageInstruction/route/coding/code != '' } VALUE=[dosageInstruction/route/coding/code] OTHERWISE VALUE=[dosageInstruction/route/text]							
TSCH_SDTM_CM	/Root/Record/CMDOSFRQ	WHEN CONDITION{ dosageInstruction/timing/code/coding/code != '' } VALUE=[dosageInstruction/timing/code/coding/code] WHEN CONDITION{ dosageInstruction/timing/code/text != '' } VA						varSrc	concat(dosageInstruction/timing/repeat/freq

		LUE=[dosageInstruction/timing/code/text] OTHERWISE VALUE=[\$varConvertedValue]					<div> <div> duency ,',.dos ageIn struc tion/ timin g/repe at/peri od,',.d osage Instru ction/ timin g/repeat/ period Unit)</div> <div>varCo nvert edVa lue</div> <div>Value- Map-V M_FH IR_To _SDT M_Do seFre quenc y(\$va rSrc)</div> </div>
TSCH_SDTM_CM	/Root/Record[1]/CMSTAT	WHEN CONDITION{ status = 'cancelled'} VALUE=['NOT DONE'] OTHERWISE VALUE=[]					
TSCH_SDTM_CM	/Root/Record[1]/STUDYID	concat('RWDTOSDTM-' , Current-date('yyyyMMdd'))					
TSCH_SDTM_CM	/Root/Record[1]/DOMAIN	'CM'					
TSCH_SDTM_CM	/Root/Record[1]/USUBJID	subject/reference					
TSCH_SDTM_CM	/Root/Record[1]/CMSEQ	'1'					
TSCH_SDTM_CM	/Root/Record[1]/CMSPID	identifier/value					
TSCH_SDTM_CM	/Root/Record[1]/CMTRT	WHEN CONDITION{medicationCodeableConcept/coding/code != ""} VALUE=[medicationCodeableConcept/coding/code] WHEN CONDITION{medicationCodeableConcept/text!= ""} VALUE=[medicationCodeableConcept/text] OTHERWISE VALUE=[]					
TSCH_SDTM_CM	/Root/Record[1]/CMINDC	WHEN CONDITION{reasonCode/coding/code != ""} VALUE=[reasonCode/coding/code] OTHERWISE VALUE=[reasonCode/text]					
TSCH_SDTM_CM	/Root/Record[1]/CMDOSTXT	WHEN CONDITION{ dosageInstruction/doseAndRate/doseQuantity/value != "" } VALUE=[] OTHERWISE VALUE=[dosageInstruction/text]					
TSCH_SDTM_CM	/Root/Record[1]/CMDOSFRQ	WHEN CONDITION{ dosageInstruction/timing/code/coding/code != ""} VALUE=[dosageInstruction/timing/code/coding/code] WHEN CONDITION{ dosageInstruction/timing/code/text != ""} VALUE=[dosageInstruction/timing/code/text] OTHERWISE VALUE=[\$varConvertedValue]				<div> varSrc </div>	conca t(dosa geIn struc tion/ timin g/repe at/freq uency ,',.dos ageIn struc tion/ timin g/repe at/peri od,',.d osage Instru ction/ timin g/repeat/

						period Unit)
						varCo nvert edVa lue
						Value- Map-V M_FH IR_To _SDT M_Do seFre quenc y(\$va rSrc)
TSCH_SDTM_CM	/Root/Record[1]/CMSTDTC	dosageInstruction/timing/re peat/boundsPeriod/start				
TSCH_SDTM_CM	/Root/Record[1]/CMROUTE	WHEN CONDITION{dosag eInstruction/route/coding/co de != " } VALUE=[dosageIn struction/route/coding/code] OTHERWISE VALUE=[dos ageInstruction/route/text]				
TSCH_SDTM_CM	/Root/Record[1]/CMDOSE	dosageInstruction/doseAnd Rate/doseQuantity/value				
TSCH_SDTM_CM	/Root/Record[1]/CMDOSU	dosageInstruction/doseAnd Rate/doseQuantity/unit				
TSCH_SDTM_CM	/Root/Record[1]	IFF CONDITION{(status = 'active' or status = 'comple ted' or status = 'on-hold' or status = 'stopped' or status = 'cancelled') and resource Type = 'MedicationReques t' } VALUE=[]	\$Input_PFDA_CD MH3_JSCH_Uscor e_Bundle/Root/ent ry/resource		'active comple ted on-hold s topped	
TSCH_SDTM_CM	/Root/Record	IFF CONDITION{(status = 'completed' or status = 'ca ncelled') and resourceType = 'MedicationDispense' } V ALUE=[]	\$Input_PFDA_CD MH3_JSCH_Uscor e_Bundle/Root/ent ry/resource			
TSCH_SDTM_CM	/Root/Record/CMTRT	WHEN CONDITION{medic ationCodeableConcept/cod ing/code != " } VALUE=[me dicationCodeableConcept/ coding/code] WHEN CON DITION{medicationCodeab leConcept/text!= " } VALUE =[medicationCodeableCon cept/text] OTHERWISE V ALUE=[]			MedicationDisp ense.medication CodeableConce pt.coding[].code @ value ELSE MedicationDisp ense.medicatio nCodeableConc ept.text @ value ELSE Medicatio nDispense.medi cationReference .reference(https ://www.hl7.org/f hir/us/core/Struc tureDefinition-us -core-medication.html).code.co ding[].code @ v alue ELSE Med icationDispense .medicationRefe rence.reference (https://www.hl7 .org/fhir/us/core/ StructureDefiniti on-us-core-medi cation.html).cod e.text @ value	