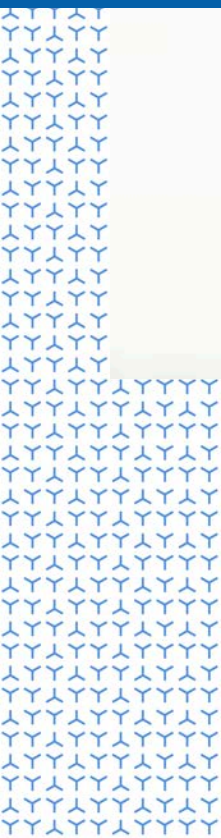




Psoriatic Arthritis



EMR Overview

“Speak the same language” crowdsourcing challenge
January 21, 2020

Common Type of Variables Captured on an EMR

Patient Population

Includes patient demographics, as well as insurance information

Patient	Insurance
PTID	PTID
BIRTH_YR	ENCID
GENDER	INSURANCE_DATE
RACE	INSURANCE_TIME
ETHNICITY	INS_TYPE
REGION	
DIVISION	
AVG_HH_INCOME	
PCT_COLLEGE_EDUC	
PROVID_PCP	
IDN_INDICATOR	
NOTES_ELIGIBLE	
HAS_NOTES	
INTEGRATED	

Clinical Detail

Aides in understanding the diagnostic process and disease progression

Procedure	Lab	Observation
PTID	PTID	PTID
ENCID	ENCID	ENCID
PROC_DATE	TEST_NAME	OBS_TYPE
PROC_TIME	ORDER_DATE	NLP
PROC_CODE	ORDER_TIME	OBS_DATE
PROC_DESC	COLLECTED_DATE	OBS_TIME
PROC_CODE_TYPE	COLLECTED_TIME	OBS_RESULT
PROVID_PERFORM	RESULT_DATE	OBS_UNIT
PROVID_ORDER	RESULT_TIME	EVALUATED_FOR_RANGE
BETOS_CODE	TEST_RESULT	VALUE_WITHIN_RANGE
BETOS_DESC	RELATIVE_INDICATOR	
	RESULT_UNIT	
	NORMAL_RANGE	
	EVALUATED_FOR_RANGE	
	VALUE_WITHIN_RANGE	

Common Type of Variables Captured on an EMR

Medication Use

Demonstrates evidence of patients medication usage, as well as, patterns of continued use of medications over time

Med Admin
PTID
ENCID
ORDERID
DRUG_NAME
NDC_SOURCE
ADMIN_DATE
ADMIN_TIME
PROVID
ROUTE
QUANTITY_OF_DOSE
STRENGTH_UNIT
DOSAGE_FORM
DOSE_FREQUENCY
DRUG_CLASS

Diagnostic History

Ability to track patient diagnostic history longitudinally and review the status of each recorded diagnosis

Diagnosis
PTID
ENCID
DIAG_DATE
DIAG_TIME
DIAGNOSIS_CD
DIAGNOSIS_CD_TYPE
DIAGNOSIS_STATUS
POA
ADMITTING_DIAGNOSIS
DISCHARGE_DIAGNOSIS
PRIMARY_DIAGNOSIS
PROBLEM_LIST

Hospitalizations

Encounters that comprise a hospitalization are aggregated together in order to track length of stay and acuity of care area

Visit Table
PTID
VISITID
VISIT_TYPE
VISIT_START_DATE
VISIT_START_TIME
VISIT_END_DATE
VISIT_END_TIME
DISCHARGE_DISPOSITION
ADMISSION_SOURCE
DRG

Provider Information

Identifies the providers involved in the patient's care and the designated specialty of the provider

Provider
PROVID
SPECIALTY
PRIM_SPEC_IND