

## Biobank Phenotypic Map Data Dictionary

- Diagnosis Codes are defined using ICD-9 and ICD-10 codes.
- Diagnosis Text comes from a local diagnosis coding system which utilizes local concept codes/definitions rather than ICD-9 and/or ICD-10.
- Prescriptions contain both brand and generic names and can be linked back to NDC codes.
- Lab values are grouped into general categories rather than reporting the specific lab name (e.g. 'Hgb A1C Bld Qn Calc' and 'Hgb A1C Bld Qn HPLC' are grouped as hemoglobin A1c).
- All cancer diagnoses identified from a radiology site were excluded to avoid false positives. There is a possibility that if a patient goes for a cancer screening, they will be assigned a cancer ICD code as well when in fact they are, and have been, cancer free.
- Any patients who meet at least one of the criteria listed (unless otherwise specified) are defined as having the corresponding condition.

# Table of Contents

Alcohol Abuse .....	4
Asthma .....	4
Atrial Fibrillation .....	5
Bipolar Disorder .....	5
Breast Cancer .....	6
Chronic Kidney Disease (CKD) .....	6
Chronic Obstructive Pulmonary Disease (COPD) .....	7
Cirrhosis .....	7
Congestive Heart Failure (CHF) .....	8
Coronary Artery Disease (CAD) .....	9
Crohn’s Disease .....	10
Dementia.....	10
Dental Caries .....	11
Depression .....	11
Diabetes .....	11
Esophageal Cancer .....	13
Gastrointestinal Bleeding.....	13
Hearing Loss .....	14
Hepatitis B.....	15
Hepatitis C.....	15
HIV/AIDS.....	15
Hyperlipids .....	15
Hypertension.....	16
Hyperthyroid.....	17
Hypothyroid .....	17
Irritable Bowel Syndrome .....	17
Leukemia .....	18
Liver Cancer.....	18
Low Back Pain .....	18
Lung Cancer.....	19



Melanoma .....	19
Myeloma .....	19
Myocardial Infarction.....	19
Neurofibromatosis .....	20
Obesity .....	20
Osteoarthritis .....	21
Osteoporosis .....	21
Ovarian Cancer .....	21
Pancreatic Cancer .....	22
Prostate Cancer .....	22
Psoriasis .....	22
Rheumatoid Arthritis .....	22
Schizophrenia.....	23
Seizure.....	23
Smoker .....	23
Stroke .....	24
Testicular Cancer.....	24
Thymoma .....	24
Ulcerative Colitis .....	24

## Alcohol Abuse

Diagnosis Codes:

ICD-9	
291.*	Alcohol-Induced Mental Disorders
303.*	Alcohol Dependence Syndrome
ICD-10	
F10.*	Alcohol Related Disorders

Diagnosis Text:

Alcohol abuse continuous  
Alcohol abuse episodic  
Alcohol abuse in remission  
Delirium tremens  
Etoh abuse

Etoh hepatitis  
Etoh intoxication  
Etoh ketoacidosis  
Etoh liver dis  
Etoh toxicity

## Asthma

Diagnosis Codes:

ICD-9	
491.*	Chronic Bronchitis
492.*	Emphysema
493.*	Asthma
496.*	Chronic Airway Obstruction, not elsewhere classified
ICD-10	
J41.*	Simple & Mucopurulent Chronic Bronc
J42	Unspecified Chronic Bronchitis
J43.*	Emphysema
J44.*	Other Chronic Obstructive Pulmonary Disease
J45.*	Asthma

Diagnosis Text:

Asthma reactive airway disease chronic bronchitis

Prescriptions:

Albuterol	Ipratropium
Aminophylline	Levalbuterol
Atropine	Metaproterenol
Beclomethasone	Theophylline
Cromolyn	Triamcinol
Flunisolide	

## Atrial Fibrillation

Diagnosis Codes:

ICD-9	
427.3	Atrial Fibrillation and Flutter
427.31	Atrial Fibrillation
427.32	Atrial Flutter
ICD-10	
I48.*	Atrial Fibrillation and Flutter

Diagnosis Text:

Atrial fibrillation flutter      atrial fibrillation

## Bipolar Disorder

Diagnosis Codes:

ICD-9	
296.4*	Bipolar I Disorder, most recent episode (or current) manic
296.5*	Bipolar I Disorder, most recent episode (or current) depressed
296.6*	Bipolar I Disorder, most recent episode (or current) mixed
296.7*	Bipolar I disorder, most recent episode (or current) unspecified
ICD-10	
F31.*	Bipolar Disorder

Diagnosis Text:

Bipolar disorder manic	Bipolar affective manic moderate
Bipolar disorder depressed	Bipolar affective manic severe
Bipolar disorder mixed	Bipolar species

## Breast Cancer

Diagnosis Codes:

ICD-9	
174.*	Malignant neoplasm of female breast
175.*	Malignant neoplasm of male breast
ICD-10	
C50.*	Malignant neoplasm of breast

Diagnosis Text:

Breast CA

## Chronic Kidney Disease (CKD)

Diagnosis Codes:

ICD-9	
403.1	Benign Hypertensive CKD
403.9	Unspecified Hypertensive Renal Disease
404.0	Malignant Hypertensive Heart & Renal Disease
404.1	Benign Hypertensive Heart & Renal disease
404.9	Unspecified Hypertensive Heart & Renal Disease
585.2	CKD Stage II
585.3	CKD Stage III
585.4	CKD Stage IV
585.5	CKD Stage V
585.6	End Stage Renal Disease
585.9	CKD, Unspecified
ICD-10	
N18.2	CKD Stage II
N18.3	CKD Stage III
N18.4	CKD Stage IV
N18.5	CKD Stage V
N18.6	End Stage Renal Disease
N18.9	CKD, Unspecified
I12.*	Hypertensive CKD
I13.*	Hypertensive Heart & Chronic Kidney Disease

Diagnosis Text:

Hbp renal disease

Htn renal dis ben w renal fail

Htn renal dis malig w renal fail

Hepatorenal syndrome

Hypoertensive renal dis malignant

Renal failure chronic

## Chronic Obstructive Pulmonary Disease (COPD)

Diagnosis Codes:

ICD-9	
496	Chronic Airway Obstruction, not elsewhere classified
491.*	Chronic Bronchitis
492.*	Emphysema
ICD-10	
J41.*	Simple & Mucopurulent Chronic Bronc
J42	Unspecified Chronic Bronchitis
J43.*	Emphysema
J44.*	Other Chronic Obstructive Pulmonary Disease

## Cirrhosis

Diagnosis Codes:

ICD-9	
571.*	Chronic Liver Disease and Cirrhosis
572.2	Hepatic Encephalopathy
572.4	Hepatorenal Syndrome
ICD-10	
K70.*	Alcoholic Liver Disease
K72.9*	Hepataic Failure, unspecified
K74.*	Fibrosis and Cirrhosis of Liver
K76.7	Hepatorenal Syndrome

Diagnosis Text:

Cirrhosis	Hepatitis etoh
Cirrhosis biliary	Alcoholic liver disease
Cirrhosis of liver	Hepatorenal syndrome
Micronodular cirrhosis	Hepatic encephalopathy
Hepatic fibrosis	

## Congestive Heart Failure (CHF)

Diagnosis Codes:

ICD-9	
398.91	Rheumatic Heart Failure (congestive)
402.01	Malignant Hypertensive Heart Disease with Heart Failure
402.11	Benign Hypertensive Heart Disease with Heart Failure
402.91	Unspecified Hypertensive Heart Disease with Heart Failure and Stage I through IV CKD
404.01	Hypertensive Heart and CKD, Malignant, with Heart Failure and Stage I through IV CKD
404.03	Hypertensive Heart & CKD, malignant, with Heart Failure and Stage V or end stage renal disease
404.11	Hypertensive Heart and CKD, Benign, with Heart Failure and Stage I through IV CKD
404.13	Hypertensive Heart & CKD, benign, with Heart Failure and Stage V or end stage renal disease
404.91	Hypertensive Heart and CKD, unspecified, with Heart Failure and Stage I through IV CKD
404.93	Hypertensive Heart & CKD, unspecified, with Heart Failure and Stage V or end stage renal disease
428.*	Heart Failure
ICD-10	
I09.81	Rheumatic Heart Failure
I11.0	Hypertensive Heart Disease with Heart Failure
I13.0	Hypertensive Heart and CKD with Heart Failure and Stage 1 through IV CKD
I13.2	Hypertensive Heart & CKD with Heart Failure and Stage V or end stage renal disease
I50.*	Heart Failure



Diagnosis Text:

Lv diam lrg

Lv dysfunction nos

Lv dysfunction dias

Lv dysfunction sys

Mi with congestive heart failure

## Coronary Artery Disease (CAD)

Diagnosis Codes:

ICD-9	
410.*	Acute myocardial infarction
411.*	Other acute and subacute forms of ischemic heart disease
412.*	Old myocardial infarction
414.*	Other forms of chronic ischemic heart disease
ICD-10	
I21.*	ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction
I22.*	Subsequent ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction
I23.*	Certain current complications following ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction (within the 28 day period)
I24.*	Other acute ischemic heart diseases
I25.*	Chronic ischemic heart disease

Specific reports containing the following text:

Reports

Arteriogram

Cardiac Echo

EKG

Stent placement intravascular

Text

anterior myocardial infarction

antlat myocardial infarction

atherosclerosis

coronary artery disease

coronary bypass

heart attack

heart attack acute

heart attack old

high-lateral myocardial infarct

infarct

inferolateral

myocardial infarct

lateral myocardial infarction

non-Q wave infarct

posterior myocardial infarction

significant left main

stenosis

single vessel CAD

three vessel CAD  
two vessel CAD

wall mot seg abn  
wall scar

wall thinning

## Crohn's Disease

Diagnosis Codes:

ICD-9	
555.*	Regional Enteritis
ICD-10	
K50.*	Crohn's Disease (Regional Enteritis)

Diagnosis Text:

Crohns disease

## Dementia

Diagnosis Codes:

ICD-9	
290.*	Dementias
291.2	Alcohol-induced persisting dementia
294.1*	Dementia in conditions classified elsewhere
294.2*	Dementia, unspecified
331.19	Other frontotemporal dementia
331.82	Dementia with lewy bodies
ICD-10	
F01.5	Vascular dementia
F01.50	Vascular dementia without behavioral disturbance
F01.51	Vascular dementia with behavioral disturbance
F02.8	Dementia in other diseases classified elsewhere
F02.80	Dementia in other diseases classified elsewhere without behavioral disturbance
F02.81	Dementia in other diseases classified elsewhere with behavioral disturbance
F03.9	Unspecified dementia
F03.90	Unspecified dementia without behavioral disturbance
F03.91	Unspecified dementia with behavioral disturbance
G31.83	Dementia with lewy bodies

## Dental Caries

Diagnosis Codes:

ICD-9	
521.0*	Dental Caries
ICD-10	
K02.*	Dental Caries

## Depression

Diagnosis Codes:

ICD-9	
296.2*	Major depressive disorder single episode
296.3*	Major depressive disorder recurrent episode
296.82	Atypical depressive disorder
311	Depressive disorder NEC
ICD-10	
F32.*	Major depressive disorder single episode
F33.*	Major depressive disorder recurrent episode

## Diabetes

Diagnosis Codes:

ICD-9	
250.*	Diabetes mellitus
ICD-10	
E08.*	Diabetes mellitus due to underlying condition
E09.*	Drug or chemical induced diabetes mellitus
E10.*	Type 1 diabetes mellitus
E11.*	Type 2 diabetes mellitus
E13.*	Other specified diabetes mellitus

Diagnosis Text:

Background Diabetic Retinopathy  
Diab Nephropathy Adlt Uncontroll  
Diab Nephropathy Juv Controlled

Diab Nephropathy Juv Uncontroll  
Diabetes Mel Non Insulin Dep  
Diabetes Mellitus

Diabetes Out Of Control  
 Diabetic  
 Diabetic Enteropathy  
 Diabetic Ketoacidosis  
 Diabetic Neuropathy

DM Uncontrolled  
 Nephropathy Diabetic  
 Pre Prolif Diabetic Retinopathy  
 Proliferativ Diabetic Retinopathy

Prescriptions:

Acarbose	Glipizide	Pioglitazone
Acetohexamide	Glipizide XI	Precose
Avandia	Glucotrol	Rezulin
Byetta	Glyburide	Rosiglitazone
Chlorpropamide	Glyburide Prestab	Tolazamide
Diabeta	Metformin	Tolbutamide
Diabinese	Micronase	Tolinase
Exenatide Inj	Orinase	Troglitazone

Insulin:

Insulin Ult Hum	Insulin Glargine Inj	Insulin Lent Bef
Insulin Reg	Insulin Pen	Insulin Reg Beef
Insulin Regular Cont	Insulin Lent	Insulin Reg Hum
Infusion	Insulin NPH	Insulin NPH Hum
SSI Regular Human Insulin	Insulin Ultralen Insulin	Reg U 500 (Pork)'
Insulin Hum 70/30	Semilent	Insulin Lent Hum
Insulin	Pzi U 100	Insulin Reg Pork
Reg&Isophane(Human)50	Insulin NPH Pork	Insulin Lent Prk
/50	Concentrated U-500	
SSI Lispro Insulin	Insulin	
Insulin Lispro	Lente U500(Pork)	

Lab Values:

Lab Name	Relation Operator	Value
Fasting Glucose	>	140 mg/dL
Fasting Glucose	<	60 mg/dL
Hemoglobin A1c	>	10%
Resting Glucose	>	200 mg/dL

## Esophageal Cancer

Diagnosis Codes:

ICD-9	
150.*	Malignant neoplasm of esophagus
ICD-10	
C15.*	Malignant neoplasm of esophagus

## Gastrointestinal Bleeding

Diagnosis Codes:

ICD-9	
530.82	Esophageal hemorrhage
531.0*	Acute gastric ulcer with hemorrhage
531.2*	Acute gastric ulcer with hemorrhage and perforation
531.4*	Chronic or unspecified gastric ulcer with hemorrhage
531.6*	Chronic or unspecified gastric ulcer with hemorrhage and perforation
532.0*	Acute duodenal ulcer with hemorrhage
532.2*	Acute duodenal ulcer with hemorrhage and perforation
532.4*	Chronic or unspecified duodenal ulcer with hemorrhage
532.6*	Chronic or unspecified duodenal ulcer with hemorrhage and perforation
533.0*	Acute peptic ulcer of unspecified site with hemorrhage
533.2*	Acute peptic ulcer of unspecified site with hemorrhage and perforation
533.4*	Chronic or unspecified peptic ulcer of unspecified site with hemorrhage
533.6*	Chronic or unspecified peptic ulcer of unspecified site with hemorrhage and perforation
534.0*	Acute gastrojejunal ulcer with hemorrhage
534.2*	Acute gastrojejunal ulcer with hemorrhage and perforation
534.4*	Chronic or unspecified gastrojejunal ulcer with hemorrhage
534.6*	Chronic or unspecified gastrojejunal ulcer with hemorrhage and perforation
535.11	Atrophic gastritis, with hemorrhage
535.21	Gastric mucosal hypertrophy, with hemorrhage
535.31	Alcoholic gastritis, with hemorrhage
535.41	Other specified gastritis, with hemorrhage
535.51	Unspecified gastritis and gastroduodenitis, with hemorrhage
535.61	Duodenitis, with hemorrhage
535.71	Eosinophilic gastritis, with hemorrhage
537.83	Angiodysplasia of stomach and duodenum with hemorrhage
537.84	Dieulafoy lesion (hemorrhagic) of stomach and duodenum

562.02	Diverticulosis of small intestine with hemorrhage
562.03	Diverticulitis of small intestine with hemorrhage
562.12	Diverticulosis of colon with hemorrhage
562.13	Diverticulitis of colon with hemorrhage
569.3	Hemorrhage of rectum and anus
569.85	Angiodysplasia of intestine with hemorrhag
569.86	Dieulafoy lesion (hemorrhagic) of intestine
578.*	Gastrointestinal hemorrhage
<b>ICD-10</b>	
K92.0	Hematemesis with bleeding
K92.1	Melena with bleeding
K92.2	Gastrointestinal hemorrhage, unspecified with bleeding
K29.01	Acute gastritis with bleeding
K29.21	Alcoholic gastritis with bleeding
K29.31	Chronic superficial gastritis with bleeding
K29.41	Chronic atrophic gastritis with bleeding
K29.51	Unspecified chronic gastritis with bleeding
K29.61	Other gastritis with bleeding
K29.71	Gastritis, unspecified with bleeding
K29.81	Duodenitis with bleeding
K29.91	Gastroduodenitis, unspecified with bleeding

Diagnosis Text:

# Hospitalization for gi bleed	Lgi bleed
Gi bleed	Melena
Gi bleed site	Ugi bleed
Hematemesis	Upper gi bleed handout
Hematochezia	

## Hearing Loss

Diagnosis Codes:

<b>ICD-9</b>	
389.*	Hearing Loss
V72.12	Encounter for hearing conservation and treatment
<b>ICD-10</b>	
H90.*	Conductive and sensorineural hearing loss
H91.*	Other and unspecified hearing loss
Z01.12	Encounter for hearing conservation and treatment

## Hepatitis B

Lab Values:

Lab Name	Relation Operator	Value
Hep B	=	Positive/Reactive

## Hepatitis C

Lab Name	Relation Operator	Value
Hep C	=	Positive/Reactive

## HIV/AIDS

Diagnosis Codes:

ICD-9	
042	Human immunodeficiency virus [HIV] disease
V08	Asymptomatic human immunodeficiency virus [HIV] infection status
ICD-10	
B20	Human immunodeficiency virus [HIV] disease
Z21	Asymptomatic human immunodeficiency virus [HIV] infection status

Diagnosis Text:

AIDS  
ARC  
HIV pos

## Hyperlipids

Diagnosis Codes:

ICD-9	
272.*	Disorders of lipoid metabolism
ICD-10	
E78.*	Disorders of lipoprotein metabolism and other lipidemias
E88.1	Lipodystrophy, not elsewhere classified

Diagnosis Text:

Hyperlipidemia

Lab Values:

Lab Name	Relation Operator	Value
LDL	>	130
Triglycerides	>	150
Cholesterol	>	225

## Hypertension

Diagnosis Codes:

ICD-9	
401.*	Essential hypertension
402.*	Hypertensive heart disease
403.*	Hypertensive chronic kidney disease
404.*	Hypertensive heart and chronic kidney disease
ICD-10	
I10.*	Essential hypertension
I11.*	Hypertensive heart disease
I12.*	Hypertensive chronic kidney disease
I13.*	Hypertensive heart and chronic kidney disease

Diagnosis Text:

Benign hypertension  
Hbp essential  
Hbp estrogenic

Hbp malignant  
Hbp uncontrolled  
Hypertension

Prescriptions:

Hydralazine  
Metahydrin  
Spironolactone  
Guanethidine  
Salutensin  
Furosemide  
Minoxidil  
Diazoxide

Nifedipine  
Atenolol  
Pindolol  
Clonidines  
Maxzide  
Acebutolol  
Terazosin  
Inderide

Betaxolol  
Doxazosin  
Ramipril  
Losartan  
Nicardipine  
Tamsulosin



## Hyperthyroid

Diagnosis Codes:

ICD-9	
242.*	Thyrotoxicosis with or without goiter
ICD-10	
E05.*	Thyrotoxicosis [hyperthyroidism]
E06.*	Thyroiditis

Diagnosis Text:

Hyperthyroidism

## Hypothyroid

Diagnosis Codes:

ICD-9	
244.*	Acquired hypothyroidism
ICD-10	
E03.9	Hypothyroidism, unspecified

Diagnosis Text:

Hypothyroidism

Lab Values:

Lab Name	Relation Operator	Value
TSH	>	4.5

## Irritable Bowel Syndrome

Diagnosis Codes:

ICD-9	
564.1	Irritable bowel syndrome
ICD-10	
K58.*	Irritable bowel syndrome

## Leukemia

Diagnosis Codes:

ICD-9	
204.*	Lymphoid leukemia
205.*	Myeloid leukemia
206.*	Monocytic leukemia
207.*	Other specified leukemia
208.*	Leukemia of unspecified cell type
V10.6*	Personal history of leukemia
ICD-10	
C91.*	Lymphoid leukemia
C92.*	Myeloid leukemia
C93.*	Monocytic leukemia
C94.*	Other leukemias of specified cell type
C95.*	Leukemia of unspecified cell type

## Liver Cancer

Diagnosis Codes:

ICD-9	
155.*	Malignant neoplasm of liver and intrahepatic bile ducts
ICD-10	
C22.*	Malignant neoplasm of liver and intrahepatic bile ducts

## Low Back Pain

Diagnosis Codes:

ICD-9	
724.2	Lumbago
ICD-10	
M54.5	Low back pain

Diagnosis Text:

Back pain  
Lower back pain

## Lung Cancer

Diagnosis Codes:

ICD-9	
162.*	Malignant neoplasm of trachea bronchus and lung
ICD-10	
C34.*	Malignant neoplasm of bronchus and lung

## Melanoma

Diagnosis Codes:

ICD-9	
172.*	Malignant melanoma of skin
173.*	Oth and unspec malignant neoplasm of skin
ICD-10	
C43.*	Malignant melanoma of skin

## Myeloma

Diagnosis Codes:

ICD-9	
203.*	Multiple myeloma and immunoproliferative neoplasms
ICD-10	
C90.*	Multiple myeloma

## Myocardial Infarction

Diagnosis Codes:

ICD-9	
410.*	Acute myocardial infarction
412.*	Old myocardial infarction
ICD-10	
I21.*	ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction
I25.2	Old myocardial infarction

Diagnosis Text:

Myocardial infarction  
AMI  
MI  
CAD

Coronary Arter Dis  
Coronary Byp  
Heart Att  
Angina

Cardiac Scan Report containing the following text:

Cardiac Scans

Card Ti201 Rest  
Cardiac Cath Imp  
Cardiac Echo  
Cardiac Gated Rest Scn  
Cardiac Gated Stress/Rest Scn

Cardiac Infarct Scan  
CARDIAC SCANS  
Myocard Stress/Rest Scan  
Rest Thallium Scan

Text

Aneurysm  
Coronary Byp  
Wall Mot Seg Abn

Wall Scar  
Wall Thinning

## Neurofibromatosis

Diagnosis Codes:

ICD-9	
237.7*	Neurofibromatosis
ICD-10	
Q85.0*	Neurofibromatosis (nonmalignant)

Diagnosis Text:

Neurofibromatosis

## Obesity

Diagnosis Codes:

ICD-9	
278.*	Overweight, obesity and other hyperalimantation
ICD-10	
E66.*	Overweight and obesity

## Osteoarthritis

Diagnosis Codes:

ICD-9	
715.*	Osteoarthrosis and allied disorders
ICD-10	
M15.*	Polyosteoarthritis
M16.*	Osteoarthritis of hip
M17.*	Osteoarthritis of knee
M18.*	Osteoarthritis of first carpometacarpal joint
M19.*	Other and unspecified osteoarthritis

Diagnosis Text:

Osteoarthritis

## Osteoporosis

Diagnosis Codes:

ICD-9	
733.0*	Osteoporosis
ICD-10	
M80.*	Osteoporosis with current pathological fracture
M81.*	Osteoporosis without current pathological fracture

Diagnosis Text:

Osteoporosis

## Ovarian Cancer

Diagnosis Codes:

ICD-9	
183.*	Malignant neoplasm of ovary and other uterine adnexa
ICD-10	
C56.*	Malignant neoplasm of ovary

## Pancreatic Cancer

Diagnosis Codes:

ICD-9	
157.*	Malignant neoplasm of pancreas
ICD-10	
C25.*	Malignant neoplasm of pancreas

## Prostate Cancer

Diagnosis Codes:

ICD-9	
185	Malignant neoplasm of prostate
ICD-10	
C61	Malignant neoplasm of prostate

## Psoriasis

Diagnosis Codes:

ICD-9	
696.*	Psoriasis and similar disorders
ICD-10	
L40.*	Psoriasis

## Rheumatoid Arthritis

Diagnosis Codes:

ICD-9	
714.0	Rheumatoid arthritis
714.1	Felty's syndrome
714.2	Other rheumatoid arthritis with visceral or systemic involvement
ICD-10	
M05.*	Rheumatoid arthritis with rheumatoid factor
M06.*	Other rheumatoid arthritis

Diagnosis Text:

Rheumatoid arthritis

## Schizophrenia

Diagnosis Codes:

ICD-9	
295.*	Schizophrenic disorders
301.20	Schizoid personality disorder, unspecified
ICD-10	
F20.*	Schizophrenia

Diagnosis Text:

Paranoid schizophrenia'	Schizophrenia residual chronic
Residual schizophrenia remission	Schizophrenia undiff remission
Residual schizophrenia unspecfi	Schizophrenia undiff subchronic
Schiz undiff acute exacerbation	Schizophrenic catatonic remissio
Schiz undifferentiated chronic	Schizophrenic catatonic unspecif
Schiz undifferentiated unspecif	Schizophrenic disorder paranoid
Schizoaffective disorder	Schizophrenic paranoid chr acute
Schizoid personality disorder	Schizophrenic paranoid subchroni
Schizophrenia	Schizophreniform acute episode
Schizophrenia disorganized unspe	Schizotypal personality
Schizophrenia paranoid chronic	

## Seizure

Diagnosis Codes:

ICD-9	
345.*	Epilepsy and recurrent seizures
ICD-10	
G40.*	Epilepsy and recurrent seizures

Diagnosis Text:

aPTT Patient	Seizure occurred
Epilepsy	Status epilepticus
Epilepsy grand mal	

## Smoker

Binary local concept for 'Smoker' equals 1.

## Stroke

Diagnosis Codes:

ICD-9	
434.01	Cerebral thrombosis with cerebral infarction
434.11	Cerebral embolism with cerebral infarction
434.91	Cerebral artery occlusion, unspecified with cerebral infarction
435.*	Transient cerebral ischemia
ICD-10	
I63.*	erebral infarction

Diagnosis Text:

CVA  
CVA old  
TIA

## Testicular Cancer

Diagnosis Codes:

ICD-9	
186.*	Malignant neoplasm of testis
ICD-10	
C62.*	Malignant neoplasm of testis

## Thymoma

Utilize Regenstrief's high-speed text-mining platform, nDepth, to search the text in patient clinical records for 'thymoma'

## Ulcerative Colitis

Diagnosis Codes:

ICD-9	
556.*	Ulcerative enterocolitis
ICD-10	
K51.*	Ulcerative colitis



