

MRA BAZOOKA 2020

DESCRIPTION	CODE	RAF	HCC
Diabetes Mellitus			
Diabetes without Organ Involvement: Substitute E10 for Type 1 DM			
Type II Diabetes without Complications	E11.9	0.105	HCC 19
Type II Diabetes / Hyperglycemia	E11.65	0.302	HCC 18
DM2 with Hypoglycemia with Coma/without Coma	E11.641/E11.649	0.302	HCC 18
Tertiary Link Long Term Use of Insulin	779.4	0.105	HCC 19
Long term use of hypoglycemics (if oral only)	779.84	0.00	
Diabetic Nephropathy [Renal/Kidney] Substitute E10 for Type 1 DM			
DM2 with Diabetic Nephropathy	E11.21	0.302	HCC 18
DM2 with Chronic Kidney Disease*	E11.22	0.302	HCC 18
Secondary Diagnosis *Requires Additional Codes to ID CKD Stage			
a. CKD stage 2 GFR 60-90	N18.2	0.00	
b. CKD stage 3 GFR 30-59	N18.3	0.069	HCC 138
c. CKD stage 4 GFR 15-29	N18.4	0.289	HCC 137
d. CKD stage 5 GFR <15	N18.5	0.289	HCC 136
e. ESRD	N18.6	0.289	HCC 136
f. HTN with CKD 1-IV	I12.9	0.00	
g. HTN with CKD V and ESRD	I13.2	0.289	HCC 136
Tertiary Link Long Term Use of Insulin	779.4	0.105	HCC 19
Dependence on renal dialysis	Z99.2	0.435	HCC 134
Long Term (current) Drug Therapy	779.8	0.00	
Diabetes with Neurological Issues [Peripheral Nerves]: Substitute E10 for Type 1 DM			
DM2 with Diabetic Mononeuropathy	E11.41	0.302	HCC 18
DM2 with Diabetic Polyneuropathy	E11.42	0.302	HCC 18
DM2 with Diabetic Gastroparesis	E11.43	0.302	HCC 18
Secondary Diagnosis * must first code underlying condition Excludes DM, Diptheria, Inf Mononucleosis, Lymes disease Neuropathy in Diseases classified elsewhere	G63	0.472	HCC 75
Tertiary Link Long Term Use of Insulin	779.4	0.105	HCC 19
Long term use of hypoglycemics (if oral only)	779.84	0.00	
Long Term (Current) use of Anticoagulants	779.01	0.00	
Long Term (Current) use of Anticoagulants/Antithrombotic and Antiplatelets	779.0	0.00	
Long Term (Current) use of Drug Therapy (Other)	779.899	0.00	
Diabetes with Vascular Disease Substitute E10 for Type 1 DM			
DM2 with peripheral angiography without gangrene	E11.51	0.302/0.288	HCC 18, HCC 108
DM2 with peripheral angiography with gangrene	E11.52	0.302/0.383	HCC 18, HCC 107
Unsteady gait Tertiary Link	R26.81	0.00	

DESCRIPTION	CODE	RAF	HCC
Diabetes with Neurological Issues [CV A]: must document relationship to DM Substitute E10 for Type 1 DM	E11.49	0.302	HCC 18
Secondary Diagnosis Late effects of CVA see below, must document relationship to DM			
All other are late effects Hemiplegia/Paresis, Left dominant	I69.352	0.437	HCC 103
Hemiplegia/Paresis Right non dominant	I69.353	0.437	HCC 103
Hemiplegia/Paresis Left non- dominant	I69.354	0.437	HCC 103
Monoplegia Right Dominant	I69.341	0.331	HCC 104
Monoplegia Left Dominant	I69.342	0.331	HCC 104
Monoplegia Right non dominant	I69.343	0.331	HCC 104
Monoplegia Left Non dominant	I69.344	0.331	HCC 104
Functional quadriplegia	R53.2	1.242	HCC 70
Other Paralytic Syndrome	I69.369	0.331	HCC 104
Tertiary Link Long Term Use of Insulin	779.4	0.105	HCC 19
Long term use of hypoglycemics (if oral only)	779.84	0.00	
Long Term (Current) use of Anticoagulants	779.01	0.00	
Long Term (Current) use of Anticoagulants/	779.02	0.00	
Antithrombotic and Antiplatelets			
Long Term (Current) use of Drug Therapy (Other)	779.8	0.00	
Long term use of aspirin	779.82	0.00	
Diabetes with Coronary Issues (Heart) Substitute E10 for Type 1 DM			
DM2 with Other Circulatory Complications must document relationship to DM	E11.59	0.302	HCC 18
Secondary Diagnosis Unspecified (Primary or Secondary) Cardiomyopathy	I42.9	0.331	HCC 85
Dilated Cardiomyopathy	I42.0	0.331	HCC 85
CAD with Unstable Angina * Use only when angina is acutely unstable	I25.110	0.195	HCC 87
Heart Failure Unspecified	I50.9	0.331	HCC 85
Chronic Systolic Heart Failure	I50.22	0.331	HCC 85
Acute Systolic /Diastolic combined Heart Failure	I50.41	0.331	HCC 85
Chronic combined Systolic/Diastolic Heart Failure	I50.42	0.331	HCC 85
Tertiary Link Long Term Use of Insulin	779.4	0.105	HCC 19
Long term use of hypoglycemics (if oral only)	779.84	0.00	
Long term use of aspirin	779.82	0.00	
Long Term (Current) use of Anticoagulants	779.01	0.00	
Long Term (Current) use of Anticoagulants/	779.02	0.00	
Antithrombotic and Antiplatelets			
Long Term (Current) use of Drug Therapy (Other)	779.8	0.00	
Diabetes with Ophthalmologic Manifestations (Eye): Substitute E10 for Type 1 DM Do not use E11.359 alone needs additional fourth digit 1 for right eye and 2 for left eye			

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Long Term Use of Insulin	Z79.4	0.105	HCC 19
Long Term Use of Aspirin	Z79.82	0.00	
Long Term (Current) use of Anticoagulants	Z79.01	0.00	
Long Term (Current) use of Anticoagulants/	Z79.02	0.00	
Antithrombotic and Antiplatelets Long Term (Current) use of Drug Therapy (Other)	Z79.8	0.00	
Diabetes Other			
Substitute E10 for Type 1 DM			
1. Diabetes with other Complications *must document the "other" condition and relationship to DM	E11.69	0.302	HCC 18
2. DM2 with Foot Ulcer *Must also use code for ulcer. Location/Severity	E11.621	0.302/0.515	HCC 18, HCC 161
3. DM2 with other Skin Ulcer *Must also use code for ulcer. Location/Severity	E11.622	0.302/0.515	HCC 18, HCC 161
4. DM2 with Neuropathic Arthropathy	E11.610	0.302	HCC 18
5. DM2 with other Arthropathy	E11.618	0.302	HCC 18
6. DM2 with Diabetic Dermatitis	E11.620	0.302	HCC 18
7. DM2 with other Skin Complications	E11.628	0.302	HCC 18
8. DM2 with Periodontal Disease	E11.630	0.302	HCC 18
Secondary Diagnosis			
Use appropriate Conditions. In ulcers need thickness,			
Tertiary Link			
Long Term Use of Insulin	Z79.4	0.105	HCC 19
Long term use of hypoglycemics (if oral only)	Z79.84	0.00	
Long term use of Aspirin	Z79.82	0.00	
Long Term (Current) use of Anticoagulants	Z79.01	0.00	
Long Term (Current) use of Anticoagulants/Antithrombotic and Antiplatelets	Z79.02	0.00	
Long Term (Current) use of Drug Therapy (Other)	Z79.8	0.00	
Congestive Heart Failure (CHF)			
After the initial episode the CHF becomes a chronic condition			
Heart Failure Unspecified	I50.9	0.331	HCC 85
Acute on Chronic Systolic Heart Failure	I50.23	0.331	HCC 85
Chronic Diastolic Heart Failure Unspecified	I50.32	0.331	HCC 85
Combined Systolic & Diastolic	I50.40	0.331	HCC 85
Left Heart Failure	I50.1	0.331	HCC 85
Tertiary Link			
Long Term (Current) use of Aspirin	Z79.82	0.00	
Long Term (Current) use of Anticoagulants	Z79.01	0.00	
Long Term (Current) use of Anticoagulants/	Z79.02	0.00	
Antithrombotic and Antiplatelets Long Term (Current) use of Drug Therapy (Other)	Z79.8	0.00	
Encounter for therapeutic drug monitoring	Z51.89	0.00	
Cardiomyopathy (Enlarged Heart)			
Unspecified (Primary or Secondary)	I42.9	0.331	HCC 85
Dilated	I42.0	0.331	HCC 85
Alcoholic	I42.6	0.331	HCC 85

DESCRIPTION	CODE	RAF	HCC
Type II DM other ophthalmic manifestations	E11.39	0.302	HCC 18
Type II Diabetes with Background Retinopathy	E11.319	0.302	HCC 18
Type II Diabetes with cataract	E11.36	0.302	HCC 18
Type II Diabetes Background Retinopathy with Macular Edema	E11.311	0.302	HCC 18
Type II DM with Mild Nonproliferative bilateral	E11.3293	0.302	HCC 18
Type II DM with Proliferative Retinopathy with Macular Edema	E11.351x	0.302/0.222	HCC 18, HCC 122
Exudative Age related macular degeneration	H35.32xx	0.521	HCC 124
Vitreous hemorrhage Right/Left	H43.11/H43.12	0.222	HCC 122
Tertiary Link			
Vision Loss	H54.7	0.00	
Presence of spectacles and contact lenses	Z97.3	0.00	
Age related cataract Right/Left	H25.011/H25.012	0.00	
Age related cataract Unspecified	H25.019	0.00	
Long Term Use of Insulin	Z79.4	0.105	HCC 19
Long term use of hypoglycemics (if oral only)	Z79.84	0.00	
Cardiac Disorders			
Unstable Angina with Atherosclerotic Heart	I25.110	0.195	HCC 87
Unstable Angina	I20.0	0.195	HCC 87
Angina, Unspecified is active if Rx treated	I20.9	0.135	HCC 88
ASHD of Native Coronaries with Unspecified Angina	I25.119	0.135	HCC 88
AMI, subsequent episode up to 4 weeks after becomes old	I21.3	0.195	HCC 86
Atherosclerosis, Unspecified	I70.90	0.000	
AHSD, Unspecified/CAD without Angina	I25.10	0.000	
Ischemic Heart Disease	I25.9	0.000	
Chest Pain, Unspecified	R07.9	0.000	
Pre-Hypertension	R03.0	0.000	
Hypertension	I10	0.000	
Tertiary Link			
Long Term (Current) use of Aspirin	Z79.82	0.000	
Long Term (Current) use of Anticoagulants	Z79.01	0.000	
Long Term (Current) use of Anticoagulants/	Z79.02	0.000	
Antithrombotic and Antiplatelets Long Term (Current) use of Drug Therapy (Other)	Z79.8	0.000	
Encounter for therapeutic drug monitoring	Z51.89	0.000	
Arterial Vascular Disorders			
Abdominal Aortic Aneurysm without	I71.4	0.288	HCC 108
Thoracic Aortic Aneurysm without Rupture	I71.2	0.288	HCC 108
Aortic Ectasia	I77.819	0.288	HCC 108
Aortic- Vascular Calcification	I70.0	0.288	HCC 108
Atherosclerosis Bilateral Extremities with claudication	I70.213	0.288	HCC 108

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DESCRIPTION	CODE	RAF	HCC
Tertiary Link			
Long Term (Current) use of Aspirin	279.82	0.00	
Long Term (Current) use of Anticoagulants	279.01	0.00	
Long Term (Current) use of Anticoagulants/	279.02	0.00	
Antithrombotic and Antiplatelets Long Term (Current) use of Drug Therapy (Other)	279.8	0.00	
Encounter for therapeutic drug monitoring	251.89	0.00	
Rhythm Disorders			
Once arrhythmia always present unless permanently corrected without ongoing pharmacological or other intervention.			
Atrial Fibrillation Paroxysmal/Persistent	I48.0/ I48.1x	0.268	HCC 96
Atrial Fibrillation Chronic/Unspecified	I48.2x/ I48.91	0.268	HCC 96
Paroxysmal Supraventricular Tachycardia (PSVT)	I47.1	0.268	HCC 96
PSVT Unspecified	I47.9	0.268	HCC 96
Atrial Flutter Typical/Atypical/Unspecified	I48.3/ I48.4/ I48.92	0.268	HCC 96
Ventricular Tachycardia	I47.2	0.268	HCC 96
AV Block, Complete	I44.2	0.268	HCC 96
Sick Sinus Syndrome *with or without pacemaker as 3.1.19	I49.5	0.268	HCC 96
Myocarditis Unspecified	I51.4	0.331	HCC 85
Heart Transplant Status	Z94.1	0.832	HCC 186
Tertiary Link			
Long Term (Current) use of Aspirin	279.82	0.00	
Long Term (Current) use of Anticoagulants	279.01	0.00	
Long Term (Current) use of Anticoagulants/Antithrombotic and Antiplatelets	279.02	0.00	
Long Term (Current) use of Drug Therapy (Other)	279.8	0.00	
Encounter for therapeutic drug monitoring	251.89	0.00	
Hypertensive Heart Disease with CKD I-IV	I12.9	0.00	
with CKD V or ESRD without HF	I12.0	0.289	HCC 136
with CKD V or ESRD with HF	I13.2	0.331	HCC 85
Vascular			
Acute Diastolic Heart Failure	I50.31	0.331	HCC 85
Chronic Diastolic Heart Failure	I50.32	0.331	HCC 85
Pulmonary Emboli	I26.99	0.383	HCC 107
Chronic Pulmonary Embolism	I27.82	0.383	HCC 107
Primary Pulmonary Hypertension	I27.0	0.331	HCC 85
Other Secondary Pulmonary HTN	I27.2	0.331	HCC 85
Chronic Cor Pulmonale	I27.81	0.331	HCC 85
Tertiary Link			
Long term Supplemental Oxygen Dependence *also see "chronic respiratory failure" I96.10	Z99.81	0.00	
Long Term use of Inhaled Steroids	Z79.52	0.00	
Long Term (Current) use of Aspirin	Z79.82	0.00	
Long Term (Current) use of Anticoagulants	Z79.01	0.00	
Long Term (Current) use of Anticoagulants/	Z79.02	0.00	
Antithrombotic and Antiplatelets Long Term (Current) use of Drug Therapy (Other)	Z79.8	0.00	
Encounter for therapeutic drug monitoring	Z51.89	0.00	
Encounter for Vaccination	Z23	0.00	

DESCRIPTION	CODE	RAF	HCC
Atherosclerosis Bilateral Extremities without claudication	I70.203	0.288	HCC 108
Atherosclerosis Native Artery Lower Extremity with Ulcer, Uns site Right/Left	I70.239/ I70.249	1.448	HCC 106
Peripheral Vascular Disease, Unspecified	I73.9	0.288	HCC 108
Venous Vascular Disorders			
DVT, Acute			
Femoral Vein, Right/Left	I82.411/ I82.412	0.288	HCC 108
Iliac Vein, Right/Left	I82.421/ I82.422	0.288	HCC 108
Popliteal Vein, Right/Left	I82.431/ I82.432	0.288	HCC 108
Proximal Lower Extremity, Right/Left	I82.4Y1/ I82.4Y2	0.288	HCC 108
DVT, Chronic			
Femoral Vein, Right/Left	I82.511/ I82.512	0.288	HCC 108
Iliac Vein, Right/Left	I82.521/ I82.522	0.288	HCC 108
Popliteal Vein, Right/Left	I82.531/ I82.532	0.288	HCC 108
Tibial Vein, Right/Left	I82.541/ I82.542	0.288	HCC 108
Proximal Lower Extremity, Right/Left	I82.5Y1/ I82.5Y2	0.288	HCC 108
Distal Lower Extremity, Right/Left	I82.5Z1/ I82.5Z2	0.288	HCC 108
Tertiary Link			
Long Term (Current) use of Aspirin	Z79.82	0.00	
Long Term (Current) use of Anticoagulants	Z79.01	0.00	
Long Term (Current) use of Anticoagulants/Antithrombotic and Antiplatelets	Z79.02	0.00	
Long Term (Current) use of Drug Therapy (Other)	Z79.8	0.00	
RESPIRATORY DISORDERS (LUNG)			
Pulmonary			
Chronic Obstructive Pulmonary Disease NOS	J44.9	0.335	HCC 111
Emphysema Centrilobular	J43.2	0.335	HCC 111
Emphysema Unspecified	J43.9	0.335	HCC 111
COPD with Acute Exacerbation	J44.1	0.335	HCC 111
Unspecified Chronic Bronchitis	J42	0.335	HCC 111
Pulmonary Fibrosis, Calcified Granuloma of Lung	J84.10	0.219	HCC 112
Chronic Respiratory Failure Unspecified *use when oxygen dependent	J96.10	0.282	HCC 84
Pneumonia Pneumococcal	J13	0.130	HCC 115
Pneumonia Staph Aureus/MRSA	J15.211/ J15.212	0.517	HCC 114
Bronchiectasis Unspecified	J47.9	0.219	HCC 112
Asthma, Unspecified	J45.909	0.000	
Obstructive Sleep Apnea *also code morbid obesity if BMI 30>	G47.33	0.00	
Cough	R05	0.000	
Bronchitis, Acute	J20.9	0.000	
Upper Respiratory Infection	J06.9	0.000	
Sinusitis, Acute	J01.90	0.000	
Allergic Rhinitis	J30.9	0.000	
Drug and Alcohol Dependence			
If the acute dependency no longer exists, use appropriate code for type of dependency in remission. For Drug Dependence the criteria needs to include S/S of withdrawal if medication is not given. NEVER USE HISTORY OF DEPENDENCY			
Alcoholism/Alcohol Dependence (annual coding) uncomplicated/remission	F10.20/ F10.21	0.329	HCC 55
Opioid Dependence uncomplicated/remission	F11.20/ F11.21	0.329	HCC 55

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DESCRIPTION	CODE	RAF	HCC
PSYCHIATRIC DISORDERS			
Needs PHQ 9			
Avoid unspecified Code unless F39 Can use F32.0-5. With a RAF 0.395.			
Avoid F32.8 (other Depressive Episodes) and F32.9 (Major Depression Unspecified): RAF=ZERO.			
Major Depressive D/O, Single Episode			
Mild	F32.0	0.309	HCC 59
Moderate	F32.1	0.309	HCC 59
Severe, without Psychosis	F32.2	0.309	HCC 59
In Remission, Partial (if on meds)	F32.4	0.309	HCC 59
In Remission, Full (if on meds)	F32.5	0.309	HCC 59
Single episode unspecified (Avoid)	F32.9	0.00	
Major Depressive D/O, Recurrent			
Mild/Moderate	F33.0/ F33.1	0.309	HCC 59
Severe, without Psychosis	F33.2	0.309	HCC 59
In Remission, Unspecified	F33.40	0.309	HCC 59
In Remission, Partial/Full	F33.41/ F33.42	0.309	HCC 59
Bipolar D/O **Must Indicate Severity and Episode	F31.9	0.309	HCC 59
Schizophrenia Paranoid/Unspecified	F20.0/ F20.9	0.524	HCC 57
Affective Disorder Unspecified	F39	0.309	HCC 59
Dysthymia	F34.1	0.000	
Anxiety, Unspecified	F41.9	0.00	
Borderline Personality Disorder	F605	0.00	
Tertiary Link			
Long term drug therapy	Z79.0	0.00	
Other Central Neurological			
Cerebral Palsy, Unspecified	G80.9	0.339	HCC 74
Epilepsy, Unspecified, Not Intractable with Status	G40.901	0.220	HCC 79
Epilepsy, Unspecified, Not Intractable without Status	G40.909	0.220	HCC 79
Epilepsy, Undetermined Generalized or Focal, Not Intractable with Status	G40.301	0.220	HCC 79
Epilepsy, Undetermined Generalized or Focal, Not Intractable without Status	G40.309	0.220	HCC 79
Multiple Sclerosis	G35	0.423	HCC 77
Muscular Dystrophy	G71.0	0.518	HCC 76
Parkinson's Disease	G20	0.606	HCC 78
Spina Bifida, Unspecified	Q05.9	0.481	HCC 72
Myasthenia Gravis with acute exacerbation	G70.01	0.472	HCC 75
Myasthenia Gravis without acute exacerbation	G70.00	0.472	HCC 75
Headache	R51	0.000	
Secondary Diagnosis Neuropathy			
Drug Induced	G62.0	0.472	HCC 75
Alcoholic	G62.1	0.472	HCC 75
Other Toxic Agents	G62.2	0.472	HCC 75
Neuropathy in Diseases Classified Elsewhere *first code underlying disease, excludes DM w/Neuropathy	G63	0.472	HCC 75
Tertiary Link			
Long Term (Current) use of Aspirin	Z79.82	0.00	

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Sedative, Hypnotic or Anxiolytic Dependence uncomplicated/remission	F13.20/ F13.21	0.329	HCC 55
Cannabis Dep uncomplicated/remission	F12.20/ F12.21	0.329	HCC 55
Alcohol Abuse Unspecified	F10.10	0.00	
Opioid Abuse Uncomplicated	F11.10	0.00	
Opioid Use, Unspecified, Uncomplicated	F11.90	0.00	
Long term use of Opioid Treatment (as a Primary Dx)	Z79.891	0.00	
Secondary Diagnosis			
Alcohol Induced Neuropathy	G62.1	0.472	HCC 75
Malnutrition (BMI <19.9-Albumin<3.5)	E46	0.455	HCC 21
Tertiary Link			
Long term use of Opioid Treatment	Z79.891	0.00	
NEUROLOGIC DISORDERS			
Cognitive Impairment			
Alzheimer's Dementia	G30.0	0.346	HCC 52
Lewy Body Dementia	G31.83	0.346	HCC 52
Dementia with Behavioral Changes	F02.81	0.346	HCC 51
Dementia	F03.90	0.346	HCC 52
Reflex Sympathetic Dystrophy (RSD)	G90.0x	0.00	
Cerebrovascular Accident (CVA)			
Late Effects only			
Hemiplegia/Paresis, Right Dominant	I69.351	0.437	HCC 103
Hemiplegia/Paresis, Left Dominant	I69.352	0.437	HCC 103
Hemiplegia/Paresis, Right Non-Dom	I69.353	0.437	HCC 103
Hemiplegia/Paresis, Left Non-Dom	I69.354	0.437	HCC 103
Monoplegia, Right Dominant Upper/Lower	I69.331/ I69.341	0.331	HCC 104
Monoplegia, Left Dominant Upper/Lower	I69.332/ I69.342	0.331	HCC 104
Monoplegia, Right Non-Dominant Upper/Lower	I69.333/ I69.343	0.331	HCC 104
Monoplegia, Left Non-Dominant Upper/Lower	I69.334/ I69.344	0.331	HCC 104
Functional Quadriplegia	R53.2	1.242	HCC 70
Other Paralytic Syndrome	I69.369	0.331	HCC 104
Cerebral Infarction Unspecified *NEVER CODE IN THE OFFICE SETTING, only code any late effects of CVA	I63.9	0.230	HCC 100
Transient Ischemic Attack	G45.9	0.000	
FRACTURES			
Age Related, Initial Encounter Only	M80.08XA	0.476	HCC 169
Other Osteoporosis, Initial Encounter Only	M80.88XA	0.476	HCC 169
Other Fractures: Please Look At ICD-10 - Required Specificity			
Complications from Orthopedic Prosthetic Devices, initial encounter only	T84.498A	0.582	HCC 176
Pain Due to Internal Ortho Prosthesis initial encounter only	T84.84XA	0.582	HCC 176
Amputation Status			
Great Toe Right/Left	Z89.411/Z89.412	0.519	HCC 189
Other Toe Right/Left	Z89.421/Z89.422	0.519	HCC 189
Foot Right/Left	Z89.431/Z89.432	0.519	HCC 189
Below the Knee (BKA) Right/Left	Z89.511/Z89.512	0.519	HCC 189
Above the Knee (AKA) Right/Left	Z89.611/Z89.612	0.519	HCC 189
Thumb Right/Left	Z89.011/Z89.012	0.00	
Other Fingers Right/Left	Z89.021/Z89.022	0.00	

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Long Term (Current) use of Anticoagulants	Z79.01	0.00	
Long Term (Current) use of Anticoagulants/ Antithrombotic and Antiplatelets	Z79.02	0.00	
Long Term (Current) use of Drug Therapy (Other)	Z79.8	0.00	
Encounter for therapeutic drug monitoring	Z51.89	0.00	
MUSCULOSKELETAL			
Rheumatoid Arthritis	M06.9	0.421	HCC 40
Rheumatoid Arthritis, Multiple Sites	M05.79	0.421	HCC 40
Inflammatory Polyarthropathy	M06.4	0.421	HCC 40
Ankylosing Spondylitis Multiple Sites in Spine	M45.0	0.421	HCC 40
Ankylosing Spondylitis Lumbosacral Region	M45.7	0.421	HCC 40
Scleroderma/CREST Syndrome	M34.1	0.421	HCC 40
Polymyalgia Rheumatica (PMR)	M35.3	0.421	HCC 40
Lupus/SLE organ involvement	M32.10	0.421	HCC 40
Lupus/SLE Unspecified	M32.9	0.421	HCC 40
Osteoporosis, Unspecified	M81.0	0.000	
Lower Back Pain	M54.5	0.000	
Osteoarthritis/DJD	M19.90	0.000	
Tertiary Link			
Long term use of Bisphosphonates	Z79.83	0.00	
Long term use of NSAIDS	Z79.1	0.00	
Chronic Liver Disease			
Alcoholic Liver Disease, Unspecified	K70.9	0.363	HCC 28
Cirrhosis, Alcoholic with Ascites	K70.31	0.363	HCC 28
Cirrhosis, Alcoholic without Ascites	K70.30	0.363	HCC 28
Cirrhosis, Unspecified	K74.60	0.363	HCC 28
Chronic Hepatitis B without Coma	B18.1	0.147	HCC 29
Chronic Hepatitis C	B18.2	0.147	HCC 29
Esophageal Varices Secondary, with Bleeding	I85.11	0.882	HCC 27
Esophageal Varices Secondary, without Bleeding	I85.10	0.882	HCC 27
Portal Hypertension	K76.6	0.882	HCC 27
Hepatic Failure with/without coma	K72.11/ K72.10	0.882	HCC 27
Nutritional Status			
Morbid Obesity *BMI 40>, w/comorbidities BMI 35>	E66.01	0.250	HCC 22
Cachexia	R64	0.455	HCC 21
Protein Calorie Malnutrition Mild (BMI16-17.9, Albumin<3.5)	E44.1	0.455	HCC 21
Protein Calorie Malnutrition Moderate (BMI<16, Albumin<3.5)	E44.0	0.455	HCC 21
Protein Calorie Malnutrition Unspecified (BMI<17.9, Albumin<3.5)	E46	0.455	HCC 21
GI Ostomy Status			
Colostomy	Z93.3	0.534	HCC 188
Gastrostomy	Z93.1	0.534	HCC 188
Ileostomy	Z93.2	0.534	HCC 188
Genitourinary Tract			
Common DX			
Urinary Tract Infection	N39.0	0.000	
BPH, without Urinary Tract Obstruction	N40.0	0.000	

DESCRIPTION	CODE	RAF	HCC
Hand Right/Left	Z89.111/Z89.112	0.00	
Below the Elbow Right/Left	Z89.211/Z89.212	0.00	
Above the Elbow Right/Left	Z89.221/Z89.222	0.00	
DIGESTIVE DISORDERS			
Inflammatory Bowel Disease			
Ulcerative Colitis NOS	K51.90	0.285	
Crohn's Disease Small Intestine, without Comp	K50.00	0.308	HCC 35
Crohn's Disease Large Intestine, without Comp	K50.10	0.308	HCC 35
Crohn's Disease Small/Large, without Obstruction	K50.819	0.308	HCC 35
Crohn's Disease Unspecified, without Obstruction	K50.90	0.308	HCC 35
Left Sided Colitis without Comp	K51.50	0.308	HCC 35
Common Dx			
Fecal Impaction	K56.41	0.219	HCC 33
Bowel Intestinal Obstruction, Unspecified	K56.60x	0.219	HCC 33
Pancreatitis Chronic	K86.1	0.287	HCC 34
Pancreatitis Alcohol-Induced	K86.0	0.287	HCC 34
Liver Transplant Status	Z94.4	0.832	HCC 186
Dysphagia	R13.10	0.00	
Gastroesophageal Reflux without Esophagitis	K21.9	0.00	
Gastroesophageal Reflux with Esophagitis	K21.0	0.00	
Gastritis	K29.50	0.00	
Metabolic Syndrome	E88.81	0.00	
Nausea/Vomiting	R11.2	0.00	
Nausea Alone	R11.0	0.000	
Irritable Bowel Syndrome	K58.9	0.000	
Abdominal Pain	R10.9	0.000	
Celiac Disease	K90.0	0.000	
Diverticulosis	K57.90	0.000	
Constipation	K59.00	0.000	
Leukemia			
ALL, Not In Remission	C91.00	2.659	HCC 8
ALL, In Remission	C91.01	2.659	HCC 8
ALL, In Relapse	C91.02	2.659	HCC 8
CLL, Not In Remission, B-Type	C91.10	0.675	HCC 10
CLL, In Remission, B-Type	C91.11	0.675	HCC 10
CLL, In Relapse, B-Type	C91.12	0.675	HCC 10
AML, Not In Remission	C92.00	2.659	HCC 8
AML, In Remission	C92.01	2.659	HCC 8
AML, In Relapse	C92.02	2.659	HCC 8
CML, BRC/ABL +, Not In Remiss	C92.10	1.024	HCC 9
CML, BRC/ABL +, In Remission	C92.11	1.024	HCC 9
CML, BRC/ABL +, In Relapse	C92.12	1.024	HCC 9
Neoplasms/Cancer			
Only use when receiving definitive Rx Chemo/XRT etc. Includes adjunct treatment like for Breast and Prostate Cancers			
Once treatment is completed use Personal Hx of (Usually no RAF)			
Primary Neoplasms			

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DESCRIPTION	CODE	RAF	HCC
Incontinence	R32	0.000	
Impotence (Erectile Dysfunction)	N52.9	0.000	
Hematuria	R31.9	0.000	
Urinary Ostomy Status			
Cystostomy Status, Unspecified	Z93.50	0.534	HCC 188
(Nephrostomy, Ureterostomy, Urethrostomy)	Z93.6	0.534	HCC 188
HEMATOLOGIC DISORDERS			
Myelodysplastic Syndrome (MDS) Unspecified	D46.9	1.372	HCC 46
Acquired Hemolytic Anemia, Unspecified	D59.9	1.372	HCC 46
Autoimmune Hemolytic Anemia, Drug Induced	D59.0	1.372	HCC 46
Aplastic Anemia, Unspecified	D61.9	1.372	HCC 46
Neutropenia due to Cancer Chemo (needs Ca Dx)	D70.1	0.665	HCC 47
Neutropenia due to Other Drugs	D70.2	0.665	HCC 47
Neutropenia due to Infection	D70.3	0.665	HCC 47
Thrombocytopenia	D69.6	0.192	HCC 48
Allergic Purpura	D69.0	0.192	HCC 48
Senile Purpura	D69.2	0.192	HCC 48
Multiple Myeloma not in Remission/ in Remission	C90.00/ C90.01	1.024	HCC 9
Multiple Myeloma Relapse	C90.02	1.024	HCC 9
Anemia	D64.9	0.000	
Pancytopenia	D61.810*	0.665	HCC 47
Due to Chemotherapy			
Due to Other Drugs	D61.811	0.665	HCC 47
(*Do Not Code with Aplastic Anemia)			
Secondary Malignant Neoplasm (Metastatic)			
Mets override the Primary as it has a higher RAF			
Bone	C79.51	2.659	HCC 8
Bone Marrow	C79.52	2.659	HCC 8
Brain	C79.31	2.659	HCC 8
Bladder	C79.11	2.659	HCC 8
Liver	C78.7	2.659	HCC 8
Lung	C78.01/ C78.02	2.659	HCC 8
Right/Left			
Unspecified	C78.00	2.659	HCC 8
Ovary	C79.60	2.659	HCC 8
Lymph Nodes Axilla and Upper limb	C77.3	0.675	HCC 10
Axilla and Upper Limb			
Inguinal and Lower Limb	C77.4	2.659	HCC 8
Intra-Abdominal	C77.2	2.659	HCC 8
Intra-Pelvic	C77.5	2.659	HCC 8
Intra-Thoracic	C77.1	2.659	HCC 8
Multiple Regions	C77.8	2.659	HCC 8
Unspecified	C77.9	0.675	HCC 10
OPHTHALMOLOGY			
Macular Degeneration Exudative age-related	H35.32xx	0.521	HCC 124
Vitreous Hemorrhage Right/Left	H43.11/ H43.12	0.222	HCC 122
Cataract, Unspecified	H26.9	0.000	

DESCRIPTION	CODE	RAF	HCC	
Liver				
Intrahepatic Bile Duct CA	C22.1	1.024	HCC 9	
Liver Cell CA	C22.0	1.024	HCC 9	
Primary, Unspecified	C22.8	1.024	HCC 9	
Lung/Bronchus				
Lower Lobe, (Right/Left)	C34.31/ C34.32	1.024	HCC 9	
Main Bronchus, (Right/Left)	C34.01/ C34.02	1.024	HCC 9	
Main Bronchus, Unspecified	C34.00	1.024	HCC 9	
Middle Lobe	C34.2	1.024	HCC 9	
Upper Lobe/Bronchus/Lung, (Right/Left)	C34.11/ C34.12	1.024	HCC 9	
Bronchus/Lung Unspecified Part	C34.90	1.024	HCC 9	
Kidney (Right/Left Except Renal Pelvis)	C64.1/ C64.2	0.307	HCC 11	
Ovary (Right/Left)	C56.1/ C56.2	0.675	HCC 10	
Prostate	C61	0.150	HCC 12	
Pancreas (Head/Body/Tail/Duct)	C25.0/C25.1/C25.2 /C25.3	1.024	HCC 9	
Pancreas Unspecified	C25.9	1.024	HCC 9	
Breast				
Central Right/Left	C50.111/C50.112	0.150	HCC 12	
Upper Inner Right/Left	C50.211/C50.212	0.150	HCC 12	
Upper Outer Right/Left	C50.411/C50.412	0.150	HCC 12	
Unspecified Right/Left	C50.911/C50.912	0.150	HCC 12	
Colon				
Caecum/Appendix	C18.0/ C18.1	0.307	HCC 11	
Ascending/Hepatic Flexure	C18.2/ C18.3	0.307	HCC 11	
Transverse/Splenic Flexure	C18.4/ C18.5	0.307	HCC 11	
Overlapping Sites/Unspecified	C18.8/ C18.9	0.307	HCC 11	
Brain	Cerebrum except Lobes and Ventricles	C71.0	0.675	HCC 10
	Frontal/Occipital	C71.1/ C71.4	0.675	HCC 10
	Cerebellum/Brain Stem	C71.6/ C71.7	0.675	HCC 10
	Overlapping Sites/Unspecified	C71.8/ C71.9	0.675	HCC 10
Bladder	Neck,Overlapping, Unspecified	C67.5/C67.8/C67.9	0.307	HCC 11
PRIMARY CARE DIAGNOSIS				
Physical Examination	Z00.00	0.00		
Rash	R21	0.00		
Hyperlipidemia	E78.5	0.00		
Hypothyroidism	E03.9	0.00		
Lump/Mass in Breast	N63	0.00		
Malaise & Fatigue	R53.83	0.00		
Repeated Falls	R29.6	0.00		
Adult Failure to Thrive	R62.7	0.00		
Metabolic Syndrome	E88.81	0.00		
Asthma Unspecified	J45.909	0.00		