

CODING CHEAT SHEET FOR HCC/RAF SCORES 2020

ICD-10	Diagnosis	HCC	RAF	Notes
Diabetes				
E11.9	DMII no complications	19	0.105	Think about CVD, CHF, RF as interacting diseases
E11.8	DMII unspecified complications	18	0.302	Includes: HYPERglycemia, HYPOglycemia, dermatitis (ie intertrigonal rashes from hyperglycemia), cataract (any cataract in a diabetic), circulatory complications such as poor pedal pulses, PVD, CAD, CVA, h/o vascular ulcer; as well as the usual neuropathy, nephropathy (>2 positive microalbumins ever), retinopathy/macular edema... anything eye except proliferative diabetic retinopathy
E11.3559	DMII proliferative retinopathy	122	0.222	This is a whole separate thing as HCC is not 18
E11.51	DMII peripheral angiopathy no gangrene	108	0.288	Bill these WITH HCC 18... RAF is additive if HCC's are DIFFERENT
E11.4	DMII Neuro complications (any)	18	0.302	No code for peripheral neuropathy any more
E11.359	DMII retinopathy	18	0.302	No code for retinopathy any more
E11.8	DMII multiple complications	18	0.302	Bill complications which count – angina, CHF, CKD 3, 4, 5, ESRD, aortic atherosclerosis, PVD, BMI>35
E10.9	ALL DMI codes are the same except start with 10...			
Z79.4	Chronic insulin use	19	0.105	Code this in a diabetic with complications
Autoimmune Disease				
M35.9	Systemic involvement conn tiss	40	0.421	
D849	Immunodeficiency (unspec)	40	0.421	Feel free to specify; D8**
M353	Polymyalgia rheumatica	40	0.421	
M059	Rheumatoid arthritis w/+RF	40	0.421	M0600 = RA no +RF
M461	Sacroiliitis w/back pain	40	0.421	
D86*	Sarcoid	112	0.219	
M3210	SLE	40	0.421	
B20	HIV	1	0.335	
D89.811	GVH disease chronic	47	0.665	
Z21	Asymp HIV infection status	1	0.335	
Heme/Onc				
C81** to	Any lymphoma active	10	0.675	
C95**	CML chronic/in remission	10	0.675	
C91	Acute leukemia ac/rem	8	2.659	
C78-9	Secondary met/Any metastasis	8	2.659	Must also code primary site code
C67	Bladder cancer	11	0.307	<i>NB: Code all cancers for patients with active cancer. Active cancer = in active treatment:</i>
C61	Prostate cancer	12	0.150	<i>chemo, radiation, cancer present but not being treated. NOT for people with old histories of</i>
C64-5	Renal cancer	11	0.307	
C18	Colon cancer	11	0.307	
C71.9	Brain cancer	12	0.150	
C43*	Melanoma	12	0.150	<i>NB: code cachexia R64 where appropriate</i>
C49**	Soft tissue cancer head & neck	11	0.307	
C33-4	Lung cancer	9	1.024	
C159	Esophageal cancer	9	1.024	
C50****	Breast cancer	12	0.150	Breast cancer on tamox/anastrazole etc counts

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Heme/Onc Continued				
Z9481	Bone marrow transplant status	186	0.832	Consider GVH disease D89.811 A/C
D56/57/582	Thal/sickle trait/other hemoglobin	48	0.192	
D469/C946	Myelodysplastic syndrome	46	1.372	
D57*	Sickle Cell w/wo crisis	46	1.372	
D59*	Autoimmune hemolytic anemia	46	1.372	
Cardiology				
I20.9	Angina pectoris	88	0.135	Anyone with a stent likely had angina; code it!
I20.0	ACS/Unstable angina	87	0.195	
I21*	Acute MI (<6 weeks)	86	0.195	
I252	Old MI no longer RAF			
I502*	CHF	85	0.331	Any CHF EVER
I503*	Diastolic heart failure	85	0.331	Any heart failure counts; consider CRF as an
I2781	Chronic Pulmonary Heart Dis	85	0.331	
I27*	Pulmonary HTN (any)	85	0.331	
I2782	Chronic PE	107	0.383	
I42*	Cardiomyopathy	85	0.331	
I514	Myocarditis	85	0.331	
I45	SA node dysfunction			No longer RAF code
I472	V Tach	96	0.268	<i>DO NOT code "cardiac arrhythmia"- 0 RAF</i>
I4901	V fib	84	0.282	*includes pt on anti-arrythmics
I48*	A Fib (new, old, past)	96	0.268	ANY a fib, ever
I471	PSVT	96	0.268	Consider if pacemaker
I442	AV block complete	96	0.268	Consider if pacemaker
Vascular				
I705**	Arterial disease with ulceration	106	1.488	
I729	Aneurysm (any)	108	0.288	
I71*	Aortic aneurysm	108	0.299	No rupture
I700	Aortic atherosclerosis	108	0.299	Any CXR or CT or U/s that shows narrowing or calcifications allows I700 aortic atherosclerosis
I776	Arteritis (any)	108	0.299	
I702*	Limb claudication (A/C)	108	0.299	Clinical diagnosis
I7030*	Limb bypass graft status	108	0.299	
I739	Peripheral vascular disease	108	0.299	
Z941	Heart transplant	186	0.832	Consider GVH disease D89.811 A/C
GI & Nutrition				
K70*	Alcoholic liver damage	28	0.363	
K7469	Liver cirrhosis	28	0.363	
K767	Hepatorenal	27	0.882	Varices, portal HTN, hepatorenal syndrome, etc
I85	Esophageal varices	27	0.882	Can code bleeding or not, no difference
K766	Portal hypertension	27	0.882	
K861	Chronic pancreatic disease	34	0.287	If chronic do not use "pancreatitis" 0 RAF
K50*	Crohn's/other enteritis	35	0.308	
K51*	Ulcerative Colitis	35	0.308	Consider colostomy/other opening Z93*
K550	Bowel ischemia acute	107	0.383	
K551	Bowel ischemia chronic	108	0.288	
K560	Ileus/peritonitis 567.*	33	0.219	
E84*	Cystic fibrosis pulm/int manif	110	0.510	
E441/0	Malnutrition mild/moderate	21	0.455	

ICD-10	Diagnosis	HCC	RAF	Notes
GI & Nutrition Continued				
E6601/Z68.4	Morbid obesity/BMI >40	22	0.250	Can use either term, Z code carries RAF now!
E6601	Morbid obesity is ALSO codeable when BMI >35 + your patient has complications. You must address the weight AND the comorbid condition in HPI and A&P in the SAME VISIT to get RAF credit	22	0.250	If patient BMI >35 and has: insulin resistance, type 2 diabetes mellitus, hypertension, dyslipidemia, cardiovascular disease, stroke, sleep apnea, gallbladder disease, gout, and/or osteoarthritis. Must use term/code Morbid Obesity
R64	Cachexia	21	0.455	Consider with cancer dx when appropriate
B18	Chronic Hepatitis B/C	29	0.147	DO NOT diagnose "hepatitis C" 0 RAF
K739	Chronic Hepatitis any	29	0.147	DO NOT diagnose "hepatitis B" 0 RAF
Z933	Colostomy status	188	0.534	
Z931	Gastrostomy status	188	0.534	
Z934	Artificial opening status	188	0.534	
Z944	Liver transplant status	186	0.832	Consider GVH disease D89.811 A/C
Renal and Bladder				
N183	CKD stage 3 (GFR 30-59)	138	0.069	Consider CHF as interacting disease
N184	CKD stage 4 (GFR 15-29)	137	0.289	
N185	CKD stage 5 (GFR <15)	136	0.289	
N186	ESRF	136	0.289	
Z992	Renal dialysis status (any)	134	0.435	NOTE DIFFERENT HCC THAN ESRD: BILL BOTH!
N17*	Acute renal failure	135	0.435	
I701	Renal artery disease	108	0.288	
Z9359	Cystostomy/other urinostomy	188	0.534	
Pulmonary				
J41*	Chronic bronchitis/COPD	111	0.335	
J441	COPD with exacerbation	111	0.335	Consider CHF, CVD as interacting diseases
J439	Emphysema	111	0.335	
J690	Aspiration pneumonia (A/C)	114	0.517	
J1*	Pneumonia spec org	115	0.130	
J8410	Pulmonary Fibrosis	112	0.219	Can spec more, any interstitial, bronchiectasis...
J9612	Chronic resp failure/CO2 retainer	84	0.282	
I2699	Pulmonary Embolism (A/C)	107	0.383	
Z930	Tracheostomy status	82	1.000	
Skin Veins Muscle & Bones				
L971**	Chronic skin ulcer, exc pressure	161	0.515	
I83***	Varicose veins with ulcer	107	0.383	
I870**	Postthrombotic ulcer	107	0.383	
I873**	Chronic venous HTN ulcer	107	0.383	
L89**	Decubitis/pressure ulcer stage III	159	0.656	Active only
L8993	Decubitis/pressure ulcer stage III	158	1.069	Active only
L8994	Decubitis/pressure ulcer stage IV	157	2.028	
I824*/5*	DVT leg (A/C)	108	0.288	For anyone on Coumadin/ASA treatment-
I8262*	DVT arm (A/C)	108	0.288	do NOT document "history of..." (0 RAF score)
M4850XA	Pathologic vert fracture initial only	169	0.476	Do NOT document "vertebral fracture" 0 RAF:
MX0**A	Osteoporotic fx initial encounter	170	0.350	
M86*	Active osteomyelitis	39	0.401	Consider with decubitus
Z89***	Lower limb amp status	189	0.519	Includes ALL TOES and everything else

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	Ophthalmology			
H3532	Exudative mac degeneration	124	0.521	
	Neurology			
G931	Anoxic brain damage	80	0.486	
G936	Cerebral edema	80	0.486	
R56*	Convulsions	79	0.220	Includes FEBRILE SEIZURES
G40909	Epilepsy/seizure DO	79	0.220	
G35	Multiple sclerosis	77	0.423	
	Diabetic Neuropathy			no longer separate
G20	Parkinson's	78	0.606	
G62*	Neuropathy NOT idio/periph/DM	75	0.472	Can bill for toxic/EtOH – Agent Orange, chemo
G83*	Paralysis NOS	104	0.331	Including monoplegias
G825*	Quadriplegia	70	1.242	
G822*	Paraplegia	71	1.068	
G819*	Hemiplegia	103	0.437	
G80*	Cerebral Palsy	74	0.339	
S14101S	Spinal cord injury, cervical, NOS	72	0.481	Sequela; S24104S is thoracic, S34104S is lumbar
I69*	Late effects stroke hemiplegia	103	0.437	Think DM, CAD as interacting diseases
I69*	Late effects stroke <hemiplegia	104	0.331	Note cause of sx irrelevant in ICD-10 RAF coding
I63*	Acute stroke (<8 weeks)	100	0.230	Think DM, CAD as interacting diseases
S602X0S	TBI no LOC sequela	167	0.077	
S602X**	TBI spec LOC sequela	167	0.077	
	Psychiatric			
F10	Alcohol dependence	55	0.329	<i>Do NOT code "Alcohol abuse" 0 RAF</i>
F1025*	Alcoholic psychosis	54	0.329	
G621	Alcoholic neuropathy	75	0.472	
571.3	Alcoholic liver damage	28	0.363	
F11**	Opioid abuse F1121 in remission	55	0.329	<i>Specify stim, BZD, opioid, other</i>
F12**	Cannabis abuse F1221 in remission	55	0.329	
F13**	Sed, hyp, anxiolytic abuse	55	0.329	<i>F1321 in remission</i>
F14**	Cocaine abuse F1421 in rem	55	0.329	
F15**	Other stim abuse F1521 In rem	55	0.329	
F16**	Hallucinogen abuse	55	0.329	
F18**	Inhalant abuse	55	0.329	
F19**	Other psychoactive subs abuse	55	0.329	<i>In remission counts for addictions</i>
F1*15*	Drug delirium, must spec	54	0.329	
F3181	Bipolar II disorder	58	0.393	
F31**	Bipolar	58	0.393	
F32*/3*	Major depression single/recurrent	58	0.309	<i>Do NOT code "depression" 0 RAF</i>
F325/F3342	Maj depr in remission single/recur	58	0.309	Major depression EVER counts
F22	Delusional disorder	58	0.309	Consider in Alzheimer's
F20*	Schizophrenia	57	0.524	
	Endocrine			
E21*	Hyperparathyroid	23	0.194	Almost all endo disorders code 23, think Cushings, addisons, etc, etc.