

## HF Appendix A

HF Appendix A: Sample Selection		
Brief Description	A.1 ICD-9-CM (I9)	A.2 CPT (C4)
Hypertensive HF	402.01, 402.11, 402.91, 404.01, 404.03, 404.11, 404.13, 404.91, 404.93	
Heart failure	428.0, 428.1, 428.20-428.23, 428.30-428.33, 428.40-428.43, 428.9	
Encounter codes		99201-99205, 99212-99215, 99241-99245, 99354-99355, 99385-99387, 99395-99397, 99401-99404

## HF Appendix B

<b>HF Appendix B: Inclusion HF-1</b>			
<b>Brief Description</b>	<b>B.1 CPT (C4)</b>	<b>B.2 Category II (C4)</b>	<b>B.3 SNOMED (SNM)</b>
LVF assessment codes completed by spect scans, MUGA, 2d echocardiography, left ventricular angiography	78414, 78468, 78472, 78473, 78480, 78481, 78483, 78494, 93303, 93304, 93307, 93308, 93312, 93314, 93315, 93317, 93350, 93543	3020F	250907009, 36618809
LVF qualitative code			371857005, 395172009, 414072005
Ejection fraction code			250908004, 41466009, 46258004, 70822001

## HF Appendix C

HF Appendix C: Inclusion HF-2			
Brief Description	C.1 CPT (C4)	C.2 Category II (C4)	C.3 SNOMED (SNM)
LVF assessment codes	78414, 78468, 78472, 78473, 78480, 78481, 78483, 78494, 93303- 93304, 93307-93308, 93312, 93314- 93315, 93317, 93350, 93543, 93555	3020F	250907009, 366188009

## HF Appendix D

HF Appendix D: Exclusion HF-2	
Brief Description	D.1 Category II (C4)
Medical, patient	3020F-1P, 3020F-2P

## HF Appendix E

<b>HF Appendix E: Exclusion HF-3</b>	
<b>Brief description</b>	<b>E.1 Category II (C4)</b>
Medical reason for not obtaining weight	2001F-1P

## HF Appendix F

HF Appendix F: Inclusion HF-3		
Brief Description	F.1 Category II (C4)	F.2 SNOMED (SNM)
Weight code	2001F	27113001

## HF Appendix G

HF Appendix G: Inclusion HF-5		
Brief Description	G.1 Category II (C4)	G.2 SNOMED (SNM)
Education codes	4003F	243084008, 311401005

## HF Appendix H

HF Appendix H: Inclusion HF- 6				
Brief Description	H.1 CPT (C4)	H.2 Category II (C4)	H.3 SNOMED (SNM)	H.4 Category II (C4)
LVF assessment codes completed by spect scans, MUGA, 2d echocardiography, left ventricular angiography	78414, 78468, 78472-78473, 78480-78481, 78483, 78494, 93303-93304, 93307-93308, 93312, 93314-93315, 93317, 93350, 93543		250907009, 36618809	
Ejection fraction code		3021F	250908004, 41466009, 46258004, 70822001	
Beta-blocker therapy				4006F



## HF Appendix I

<b>HF Appendix I: Exclusion HF-6</b>			
<b>Brief description</b>	<b>I.1 ICD-9-CM (I9)</b>	<b>I.2 Category II (C4)</b>	<b>I.3 SNOMED (SNM)</b>
Hx of asthma	493.00-493.02, 493.10-493.12, 493.20-493.22, 493.81-493.82, 493.90-493.92		
Hypotension	458.0, 458.1, 458.21, 458.29, 458.8, 458.9		
2nd and 3rd degree heart block	426.0 without V45.0, 426.12 without V45.01, 426.13 without V45.01		
Sinus bradycardia	427.81, 427.89		207585002, 364075005, 42177007, 44602002, 48867003, 49044005, 49710005
Beta-blocker allergy			293963004, 407577009, 407591003
Sick sinus syndrome	427.89		36083008
Medical, patient, system		4006F-1P, 4006F-2P, 4006F-3P	

## HF Appendix J

HF Appendix J: Inclusion HF-7				
Brief Description	J.1 CPT (C4)	J.2 Category II (C4)	J.3 SNOMED (SNM)	J.4 Category II (C4)
LVF assessment codes completed by spect scans, MUGA, 2d echocardiography, left ventricular angiography	78414, 78468, 78472,78473, 78480,78481, 78483, 78494, 93303,93304, 93307,93308, 93312, 93314, 93315, 93317, 93350, 93543		250907009, 366188009	
Ejection fraction code		3021F	250908004, 70822001, 46258004, 41466009	
ACE/ARB therapy				4009F

## HF Appendix K

HF Appendix K: Exclusion HF-7			
Brief description	K.1 ICD-9-CM (I9)	K.2 Category II (C4)	K.3 SNOMED (SNM)
Allergies			1001288, 293500009, 295036000, 407579007, 407590002, 407593000
Cardiomyopathy	425.1		
Bilateral renal stenosis	440.1		
Chronic renal dialysis	V56.0, V56.8, 39.95, 54.98		
Severe renal dysfunction	788.5		
Renal failure unspecified	586		
Hypertensive renal disease with renal failure	403.01, 403.11, 403.91		
Hypertensive heart and renal disease with heart and renal failure	404.02-404.03, 404.12-404.13, 404.92-404.93		
Acute renal failure	584.5-584.9		
Chronic renal failure	585.5-585.6		
Pregnancy	V.22.0-V22.2, V23.0-V23.3, V23.41, V23.49, V23.5, V23.7, V23.81-V23.84, V23.89, V23.9		
Moderate or severe aortic stenosis	395.0, 395.2, 396.0, 396.2, 396.8, 747.22		
Angioedema	277.6		
Medical, patient, system		4009F-1P, 4009F-2P, 4009F-3P	

## HF Appendix L

<b>HF Appendix L: Inclusion HF-8</b>		
<b>Brief description</b>	<b>L.1 ICD-9-CM (I9)</b>	<b>L.2 Category II (C4)</b>
Atrial fibrillation	427.31	
Warfarin therapy		4012F

## HF Appendix M

<b>HF Appendix M: Exclusion HF-8</b>			
<b>Brief Description</b>	<b>M.1 ICD-9-CM (I9)</b>	<b>M.2 Category II (C4)</b>	<b>M.3 SNOMED (SNM)</b>
Leukemia	203.00-203.01, 203.10-203.11, 203.80-203.81, 204.00-204.01, 204.10-204.11, 204.20-204.21, 204.80-204.81, 204.90-204.91, 205.00-205.01, 205.10-205.11, 205.20-205.21, 205.30-205.31, 205.80-205.81, 205.90-205.91, 206.00-206.01, 206.10-206.11, 206.20-206.21, 206.80-206.81, 206.90-206.91, 207.00-207.01, 207.10-207.11, 207.20-207.21, 207.80-207.81, 208.00-208.01, 208.10-208.11, 208.20-208.21, 208.80-208.81, 208.90-208.91		
Anemia	280.0, 280.9, 285.1		
Coagulation defects	286.0-286.7, 286.9		
Thrombocytopenia	287.30-287.33, 287.39, 287.4, 287.5		
Hemorrhage	430, 431, 432.0, 432.1, 432.9, 437.3, 459.0, 530.7		
Ulcer with hemorrhage	531.00-531.01, 531.20-531.21, 531.40-531.41, 531.60-531.61, 532.00-532.01, 532.20-532.21, 532.40-532.41, 532.60-532.61, 533.00-533.01, 533.20-533.21, 533.40-533.41, 533.60-533.61, 534.00-534.01, 534.20-534.21, 534.40-534.41, 534.60-534.61		
Rectal bleeding	569.3		
Hepatic failure	570		
Cirrhosis of liver	571.2, 571.5		
GI bleeding	578.0, 578.1, 578.9, 786.3		
Hematuria	599.7		
Adverse effect	995.0 and E934.2, 995.1 and E934.2, 995.2 and E934.2, 995.27 and E934.2, 995.29 and E934.2		
Allergy			294881007
Medical, patient, system		4012F-1P, 4012F-2P, 4012F-3P	