



# Inpatient Generic Quality Screen HF

Discharges: \_\_\_\_\_

HOSPITAL MPN# \_\_\_\_\_

PATIENT ID#: \_\_\_\_\_

**LEGEND:**

**Y = Yes**      The patient meets criteria for the Initial Patient Population for Heart Failure (HF) and there is documentation in the record to support the patient received the care identified by the National Quality Measure

**N = No**        The patient meets criteria for the Initial Patient Population for Heart Failure (HF) and there is **NO** documentation in the record to support the patient received the care identified by the National Quality Measure

Initial Patient Population Data Elements - HF
<ul style="list-style-type: none"> <li>18 years of age or older</li> <li>Episode of care &lt;= 120 days</li> <li>ICD-9-CM Principal Diagnosis Code (<b>Appendix A, Table 2.1</b>)</li> <li><b>NO</b> ICD-9-CM Principal or Other Procedure Code of Left Ventricular Assistive Device (LVAD) or Heart Transplant (<b>Appendix A, Table 2.2</b>)</li> </ul>

National Quality Measures - HF	YES	NO	N/A
• Complete ( <i>written</i> ) Discharge Instructions Given to the Patient			
✓ Discharge Instructions Address Activity			
✓ Discharge Instructions Address Diet			
✓ Discharge Instructions Address Follow-up			
✓ Discharge Instructions Address Medications ( <i>Compare list given to pt. to MD d/c summary note</i> )			
✓ Discharge Instructions Address Symptoms Worsening			
✓ Discharge Instructions Address Weight Monitoring			
• Evaluation of LVS Function ( <b>Appendix H, Table 1.2</b> )			
• ACEI or ARB for LVSD ( <i>Ejection Fraction</i> ,<40%, or descriptive terminology referred to as moderate to severe) ( <b>Appendix C, Tables 1.2 &amp; 1.7</b> )			
• Smoking Cessation Advice/Counseling			

## SUPPORTING DOCUMENTS

**Appendix A, Table 2.1**

ICD-9-CM Principal Diagnosis Codes - HF

**Appendix A, Table 2.2**

ICD-9-CM Principal or Other Procedure Code of Left Ventricular Assistive Device (LVAD) or Heart Transplant

**Appendix H, Table 1.2**

Left Ventricular Assessment (LVSF) Inclusion Table

**Appendix C, Table 1.2 & 1.7**

This material was prepared by Health Services Advisory Group Inc., the Medicare Quality Improvement Organization for California, under contract with the Centers for Medicare & Medicaid Services (CMS), an agency of the U.S. Department of Health and Human Services. The contents presented do not necessarily reflect CMS policy. Publication No. CA-9SOW-6.1-060909-01



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Angiotension Converting Enzyme Inhibitors (ACEI) –Table 1.2

## APPENDIX A

### ICD-9-CM Code Table 2.1

#### Principal Diagnosis Codes - Heart Failure

Code
402.01
402.11
402.91
404.01
404.03
404.11
404.13
404.91
404.93
428.0
428.1
428.20
428.21
428.22
428.23
428.30
428.31
428.32
428.33
428.40
428.41
428.42
428.43
428.9

## APPENDIX A

### ICD-9-CM Code Table 2.2

#### Left Ventricular Assistive Device (LVAD) and Heart Transplant

Code
33.6
37.51
37.52
37.53
37.54
37.62
37.63
37.64
37.65



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Discharges: \_\_\_\_\_

37.66
37.68



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**Appendix H**  
**Table 1.2**  
**LVSF Assessment Inclusion Table**

Echocardiogram (echo)	Cardiac Catheterization (cath) with Left Ventriculogram (LV gram)	Other Tests	Other Tests (CONTINUED)	Left Ventricular Systolic Function (LVSF)
<ul style="list-style-type: none"> <li>• 2-D</li> <li>• 3-D</li> <li>• cardiac ultrasound</li> <li>• Doppler color flow mapping</li> <li>• M-mode echo</li> <li>• transesophageal echocardiogram (TEE)</li> </ul>	<ul style="list-style-type: none"> <li>• cardiac cath with mention of LVSF</li> <li>• cardiac/coronary angiogram with LV gram</li> <li>• cardiac/coronary angiogram with mention of LVSF</li> <li>• cardiac/coronary arteriogram with LV gram</li> <li>• cardiac/coronary arteriogram with mention of LVSF</li> <li>• left heart cath with mention of LVSF</li> <li>• left ventriculogram</li> </ul>	<ul style="list-style-type: none"> <li>• adenosine myocardial perfusion stress test with mention of LVSF</li> <li>• cardiac blood pool imaging</li> <li>• cardiac MRI with mention of LVSF</li> <li>• Cardiolite scan with mention of LVSF</li> <li>• CT scan of chest with mention of LVSF</li> <li>• gated blood pool imaging study</li> <li>• gated heart study</li> <li>• gated ventriculogram</li> <li>• left ventricular gated wall motion analysis</li> <li>• multiple gated acquisition scan (MUGA)</li> <li>• myocardial perfusion imaging with mention of LVSF</li> <li>• myocardial SPECT imaging with mention of LVSF</li> <li>• myocardial SPECT study with mention of LVSF</li> </ul>	<ul style="list-style-type: none"> <li>• positron emission tomography (PET) with mention of LVSF</li> <li>• radionuclide myocardial perfusion imaging with mention of LVSF</li> <li>• radionuclide ventriculography</li> <li>• Sestamibi scan with mention of LVSF</li> <li>• SPECT imaging with mention of LVSF</li> <li>• SPECT perfusion imaging with mention of LVSF</li> <li>• stress perfusion imaging with mention of LVSF</li> <li>• stress SPECT imaging with mention of LVSF</li> <li>• stress SPECT perfusion imaging with mention of LVSF</li> <li>• technetium scan with mention of LVSF</li> <li>• thallium stress test with mention of LVSF</li> <li>• wall motion study</li> </ul>	<ul style="list-style-type: none"> <li>• akinesis</li> <li>• biventricular dysfunction</li> <li>• biventricular heart failure</li> <li>• diastolic dysfunction</li> <li>• diastolic function</li> <li>• diastolic impairment</li> <li>• dyskinesis</li> <li>• ejection fraction (EF)</li> <li>• endstage cardiomyopathy</li> <li>• hypokinesis</li> <li>• left ventricular diastolic dysfunction</li> <li>• left ventricular diastolic function</li> <li>• left ventricular dysfunction (LVD)</li> <li>• left ventricular ejection fraction (LVEF)</li> <li>• left ventricular failure</li> <li>• left ventricular function (LVF)</li> <li>• left ventricular systolic dysfunction (LVSD)</li> <li>• left ventricular systolic failure</li> <li>• systolic dysfunction</li> <li>• systolic function</li> <li>• ventricular function</li> </ul>

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## HF

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### Appendix C

#### Table 1.2

#### Angiotensin Converting Enzyme Inhibitor (ACEI)

Accupril	Enalapril/felodipine	Prinivil
Accuretic	Enalapril/hydrochlorothiazide	Prinzide
Aceon	Enalaprilat	Quinapril
Altace	Fosinopril	Quinapril HC1
Benazepril	Fosinopril Sodium/hydrochlorothiazide	Quinapril HC1/HCT
		Quinapril
Benazepril Hydrochloride	Lexxel	Hydrochloride/hydrochlorothiazide
Benazepril/amlodipine	Lisinopril	Quinapril/hydrochlorothiazide
Benazepril/hydrochlorothiazide	Lisinopril/hydrochlorothiazide	Quinaretic
Capoten	Lotensin	Ramipril
Capozide	Lotensin HCT	Tarka
Capozide 25/15	Lotrel	Teczem
Capozide 25/25	Mavik	Trandolapril
Capozide 50/15	Moexipril	Trandolapril/verapamil
Capozide 50/25	Moexipril Hydrochloride	Trandolapril/verapamil hydrochloride
	Moexipril	
Captopril	Hydrochloride/hydrochlorothiazide	Uniretic
Captopril HCT	Moexipril/hydrochlorothiazide	Univasc
Captopril/hydrochlorothiazide	Monopril	Vaseretic
Enalapril	Monopril HCT	Vasotec
Enalapril Maleate/diltiazem	Monopril HCT 10/12.5	Zestoretic
Enalapril Maleate/hydrochlorothiazide	Perindopril	Zestril
Enalapril/diltiazem	Perindopril Erbumine	

### Appendix C

#### Table 1.7

#### Angiotensin Receptor Blockers

Atacand	Eprosartan/hydrochlorothiazide	Telmisartan
Atacand HCT	Exforge	Telmisartan/hydrochlorothiazide
Avalide	Hyzaar	Teveten
Avapro		
Azor	Irbesartan	Teveten HCT
Benicar	Irbesartan/hydrochlorothiazide	Valsartan
Benicar HCT	Losartan	Valsartan/amlodipine
Candesartan	Losartan/hydrochlorothiazide	Valsartan/hydrochlorothiazide
Candesartan/hydrochlorothiazide	Micardis	Verdia
Cozaar	Micardis HCT	
Diovan	Olmесartan	
Diovan HCT	Olmесartan/hydrochlorothiazide	
Eprosartan	Tasosartan	