

**\*\*NQF-ENDORSED VOLUNTARY CONSENSUS STANDARDS FOR HOSPITAL CARE\*\***

## **Measure Information Form**

**Core Measure Set:** Heart Failure

**Performance Measure Identifier:** 14337

**Performance Measure Name:** (HF-4) Adult smoking cessation advice/counseling

**Description:** Heart failure patients with a history of smoking cigarettes, who are given smoking cessation advice or counseling during hospital stay. For purposes of this measure, a smoker is defined as someone who has smoked cigarettes anytime during the year prior to hospital arrival.

**Rationale:** Smoking cessation is essential in patients with heart failure. Patients who receive even brief smoking-cessation advice from their physicians are more likely to quit than those who receive no counseling at all. Hospitalization can be an ideal opportunity for a patient to stop smoking, and smoking cessation may promote the patient's medical recovery.

**Type of Measure:** Process

**Improvement Noted As:** An increase in the rate

**Numerator Statement:** Heart failure patients who receive smoking cessation advice or counseling during the hospital stay.

**Included Populations:** Not applicable

**Excluded Populations:** None

**Data Elements:**

*Adult Smoking Counseling*

**Denominator Statement:** Heart failure patients with a history of smoking cigarettes anytime during the year prior to hospital arrival.

**Included Populations:** Discharges with:

- An *ICD-9-CM Principal Diagnosis Code* for heart failure as defined in Appendix A, Table 2.1  
AND
- A history of smoking cigarettes anytime during the year prior to hospital arrival

**Excluded Populations:**

- Patients less than 18 years of age
- Patients transferred to another acute care hospital
- Patients who expired
- Patients who left against medical advice
- Patients discharge to hospice

**Data Elements:**

*Admission Date*

*Adult Smoking History*

*Birthdate*

*Discharge Status*

*ICD-9-CM Principal Diagnosis Code*

**Risk Adjustment:** No

**Data Collection Approach:** Retrospective, data sources include administrative data and medical records. Some hospitals may prefer to gather data concurrently by identifying patients at the time of hospital arrival. This approach provides opportunities for improvement at the point of care/service. However, complete documentation includes the principal or other ICD-9-CM diagnosis codes, which require retrospective entry.

**Data Accuracy:** Variation may exist in the assignment of ICD-9-CM codes; therefore, coding practices may require evaluation to ensure consistency.

**Measure Analysis Suggestions:**

Since health care organizations may wish to assess how frequently they are documenting smoking history in the patient record, measurement systems may wish to provide such information based on the data element *Adult Smoking History*.

**Terminology:**

**Heart failure (HF):** A clinical syndrome characterized by signs and symptoms resulting from disturbances in cardiac output or from increased venous pressure. Most often applied to myocardial failure with increased pressures distending the ventricle (high end-diastolic pressure) and a cardiac output inadequate for the body's needs. For purposes of this measure, heart failure is identified by ICD-9-CM codes in Appendix A, Table 2.1.

**Adult Smoking Counseling:** Documentation indicating the patient received one of the

following:

- Advice to stop smoking whether or not the patient is a current smoker;
- A viewing of a smoking cessation video;
- Brochures or handouts on smoking cessation; or
- A smoking cessation aid such as Nicoderm or Zyban.

**Sampling:** Yes, for additional information see the Sampling section.

**Age Groups:** Age 18 and older

**Data Reported as:** Aggregate rate generated from count data reported as a proportion

**Selected References:**

- Baile WF et al: Smoking following myocardial infarction: A critical review of literature. **Health Psychology**, 3(1): 83-96, 1984.
- Kikano GE, et al: The value of brief, targeted smoking-cessation advice. **Family Practice Management**, pp. 50, 2000.
- Smoking cessation. U.S. Department of Health and Human Services, Public Health Service, Clinical practice guideline; no.18. **AHCPR Publication**; pp. 124, April, 1996.
- The Smoking Cessation Clinical Practice Guideline Panel and Staff: The Agency for Health Care Policy and Research. Smoking Cessation Clinical Practice Guideline. **JAMA**, 275:1270-1280, 1996.

**14337: (HF-4) Adult smoking cessation advice/counseling**

**Numerator:** Heart failure patients who receive smoking cessation advice or counseling during the hospital stay.

**Denominator:** Heart failure patients with a history of smoking cigarettes anytime during the year prior to hospital arrival.



