

Update to International Classification of Diseases, 9th Revision Codes

Distinguishes STEMI From NSTEMI

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A modification to the International Classification of Diseases 9th Revision (ICD-9) codes category 410, acute myocardial infarction, proposed by Sieck HealthCare Consulting, was accepted by the Centers for Disease Control and Prevention/National Center for Health Statistics to allow for the differentiated classification of ST-segment elevation myocardial infarction (STEMI) and non-ST-segment elevation myocardial infarction (NSTEMI).

In recent years, there has been a transformation of the classification acute coronary syndromes (ACS), which ranges from STEMI to NSTEMI to unstable angina (UA). The American College of Cardiology (ACC) and the American Heart Association (AHA) guidelines, which are the national standard for all medical literature, classify patients with ACS into these 3 groups: STEMI, NSTEMI, and UA. The patients with STEMI are managed quite differently and now have a dedicated and separate ACC/AHA guideline. Within the UA/NSTEMI group, there are further treatment differences with more aggressive medical and interventional treatment of those with NSTEMI than for those with UA. The International Classification of Diseases, 9th Revision code had a code for UA (411.1), but has not distinguished STEMI from NSTEMI. The new change will split the 2 types of MI with 410.7 being solely NSTEMI and 410.1–8 being STEMI.

In addition to being better able to classify the different groups of patients with ACS, the request to update the

International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM) was made to improve the monitoring of performance measures, as the Joint Commission on Accreditation of Healthcare Organizations has begun. The code changes will become effective October 1, 2005.

The modification proposal provides codes that distinguish between patients with STEMI and those with NSTEMI while adhering to the structure of the ICD-9-CM. This modification should not disrupt data trends, but enhance them and allow administrative databases to now (appropriately) distinguish the 2 different types of MI.

Note: Reimbursement is unchanged.

TABLE 1. New ICD-9 Codes

ICD-9-CM Update: Diseases of the Circulatory System

Section: Ischemic Heart Disease

Category: Acute Myocardial Infarction (410–414)

STEMI codes: 410–410.8

NSTEMI code: 410.7

Effective: October 1, 2005

The project grant that proposed these changes

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TABLE 2. Changes to International Classification of Diseases, 9th Revision Codes for Acute Myocardial Infarction

410 Acute myocardial infarction
Add: <u>ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction</u>
410.0 Of anterolateral wall
Add: <u>ST elevation myocardial infarction (STEMI) of anterolateral wall</u>
410.1 Of other anterior wall
Add: <u>ST elevation myocardial infarction (STEMI) of other anterior wall</u>
410.2 Of inferolateral wall
Add: <u>ST elevation myocardial infarction (STEMI) of inferolateral wall</u>
410.3 Of inferoposterior wall
Add: <u>ST elevation myocardial infarction (STEMI) of inferoposterior wall</u>
410.4 Of other inferior wall
Add: <u>ST elevation myocardial infarction (STEMI) of other inferior wall</u>
410.5 Of other lateral wall
Add: <u>ST elevation myocardial infarction (STEMI) of other lateral wall</u>
410.6 True posterior wall infarction
Add: <u>ST elevation myocardial infarction (STEMI) of true posterior wall</u>
410.7 Subendocardial infarction
Add: <u>Non-ST elevation myocardial infarction (NSTEMI)</u>
410.8 Other specified sites
Add: <u>ST elevation myocardial infarction (STEMI) of other specified sites</u>
410.9 Unspecified site
Add: Myocardial infarction NOS
