

## Agency for Healthcare Research and Quality: Prevention Quality Indicators (PQIs)

### Updates to Version 2.1 – ICD-9-CM Coding Updates

January 9, 2004

The following changes were implemented in version 2.1, revision 3, of the PQI software, both SAS and SPSS, and reflect changes to indicator definitions based on updates to ICD-9-CM codes for Fiscal Year 2003 (effective 10-1-2002) and Fiscal Year 2004 (effective 10-1-2003). All changes noted below have been incorporated into the software syntax, software documentation and the Guide to Prevention Quality Indicators.

| <b>Indicator Module</b> | <b>Indicator Name (#)</b>  | <b>Component</b>   | <b>Change</b>  |
|-------------------------|--|--|--|
| PQI                     | Bacterial Pneumonia Admission Rate (PQI #11)                                       | Numerator (exclusion, sickle cell anemia and HB-S disease) | New codes (FY 2004) 282.41, 282.42, 282.64, 282.68 were added to the numerator exclusion definition of HB-S and sickle cell anemia. This change may result in a comparability issue with previous years since 282.4 was not previously included in the sickle cell definition.   |
| PQI                     | Adult Asthma Admission Rate (PQI #15) and Pediatric Asthma Admission Rate (PQI #4) | Numerator (Asthma)   | New codes (FY 2004), 493.81 "Exercised Induced Bronchospasm" and 493.82 "Cough Variant Asthma" were added to the numerator definition of asthma  |
| PQI                     | Congestive Heart Failure (CHF) Admission Rate (PQI #8)                             | Numerator (CHF)  | The new codes (FY 2003), 428.20-3, "Systolic heart failure," 428.30-3, "Diastolic heart failure," and 428.40-3, "Combined systolic and diastolic heart failure" were added to the including definition of congestive heart failure.  |
|                         |  | Numerator (exclusion, cardiac procedures)                  | The new code (FY 2003), 36.07, "Insertion of drug-eluting coronary artery stent(s) Endograft(s), Endovascular graft(s), Stent graft(s)" was added to the exclusion definition of cardiac procedures.   |
|                         |  | Numerator (exclusion, cardiac procedures)                  | The new codes (FY 2003), 00.50-00.54, "implantation or replacement of transvenous lead" were added to the exclusion definition of cardiac procedures.  |
|                         |  | Numerator (exclusion, cardiac procedures)                  | All new codes (FY 2004) in the new category heart replacement procedures (37.5), including 37.51, "heart transplantation," 37.52 "implantation of total replacement heart system," 37.53 "replacement or repair of thoracic unit of total replacement heart system," and 37.54 "replacement or repair of other implantable |

| <b>Indicator Module</b> | <b>Indicator Name (#)</b>            | <b>Component</b>                          | <b>Change</b>  |
|-------------------------|--------------------------------------|---|--|
|                         |                                      |   | component of total replacement heart system” were added to the numerator exclusion definition of cardiac procedure. Note that 37.5, previously used for heart transplantation procedure is invalid as of October 2003. This code was retained in the software for backward comparability.  |
| PQI                     | Hypertension Admission Rate (PQI #7) | Numerator (exclusion, cardiac procedures) | The new code (FY 2003), 36.07, “Insertion of drug-eluting coronary artery stent(s) Endograft(s), Endovascular graft(s), Stent graft(s)” was added to the exclusion definition of cardiac procedures.   |
|                         |                                      | Numerator (exclusion, cardiac procedures) | The new codes (FY 2003), 00.50-00.54, “implantation or replacement of transvenous lead” were added to the exclusion definition of cardiac procedures.  |
|                         |                                      | Numerator (exclusion, cardiac procedures) | All new codes (FY 2004) in the new category heart replacement procedures (37.5), including 37.51, “heart transplantation,” 37.52 “implantation of total replacement heart system,” 37.53 “replacement or repair of thoracic unit of total replacement heart system,” and 37.54 “replacement or repair of other implantable component of total replacement heart system” were added to the numerator exclusion definition of cardiac procedure. Note that 37.5, previously used for heart transplantation procedure is invalid as of October 2003. This code was retained in the software for backward comparability. |
| PQI                     | Angina Admission Rate (PQI #13)      | Numerator (exclusion, cardiac procedures) | The new code (FY 2003), 36.07, “Insertion of drug-eluting coronary artery stent(s) Endograft(s), Endovascular graft(s), Stent graft(s)” was added to the exclusion definition of cardiac procedures.   |
|                         |                                      | Numerator (exclusion, cardiac procedures) | The new codes (FY 2003), 00.50-00.54, “implantation or replacement of transvenous lead” were added to the exclusion definition of cardiac procedures.  |
|                         |                                      | Numerator (exclusion, cardiac procedures) | All new codes (FY 2004) in the new category heart replacement procedures (37.5), including 37.51, “heart transplantation,” 37.52 “implantation of total replacement heart system,” 37.53 “replacement or repair of thoracic unit of total replacement heart system,” and 37.54 “replacement or repair of other implantable   |

| <b>Indicator Module</b> | <b>Indicator Name (#)</b> | <b>Component</b> | <b>Change</b>   |
|-------------------------|---------------------------|------------------|---|
|                         |                           |                  | component of total replacement heart system" were added to the numerator exclusion definition of cardiac procedure. Note that 37.5, previously used for heart transplantation procedure is invalid as of October 2003. This code was retained in the software for backward comparability. |