

# Specification Manual for National Hospital Quality Measures

Release Notes 2.2a

January 19, 2007

## Guidelines for Using Release Notes

Release Notes 2.2a provide modifications to the *Specifications Manual for National Hospital Quality Measures*.

The notes are organized to follow the order of the Table of Contents. Within each topic section, a row represents a change beginning with general changes followed by data elements in alphabetical order. The column headings are described below:

- **Manual Section** - this is used to identify which section(s) listed in the Table of Contents contain the change listed. The sections are Data Dictionary, Measure Information, Missing and Invalid Data, Sampling Methods, etc.
  - **Impacts** - this is used to identify which portion(s) of the Manual Section is impacted by the change listed. Examples are Alphabetical Data Element List, Data Element Pages, (Topic) Data Element List, Measure Information Form (MIF) and Flowchart (Algorithm). The measures that the data element is collected for are identified.
  - **Description of Changes** - this is used to identify the section within the document where the change occurs, e.g., Definition, Data Collection Question, Allowable Value, and Denominator Data Elements.
  - **Page**- the beginning page number is from the 2.2 version of the manual
  - **Implementation Date**- Date when change is to be implemented
- Data elements that cross multiple measures and contain the same changes will be consolidated into one row. If those changes do not apply to all of the measures listed in the Impacts column that is identified in the description of changes.

This document should allow the reader to identify the exact location of each change by reading from left to right across the columns. An **example** is: Changing a note for abstraction within *Antibiotic Allergy*, which is collected for SCIP-Inf-2, PN-6, PN-6a, PN-6b.

### Example

| Surgical Care Improvement Project |   |  |      |
|-----------------------------------|---|--|------|
| Antibiotic Allergy                |   |  |      |
| Manual Section                    | Impacts   | Description of Changes   | Page |
| Data Dictionary                   | Data Element Pages<br><br>Measures:<br>SCIP-Inf-2<br>PN-6<br>PN-6a<br>PN-6b | <u>Notes for Abstraction</u><br><b>Change</b> to read: If the patient was noted to be allergic to "cillins," "penicillin," or "all cillins," Select "Yes." | 1-42 |

| Manual Section   | Impacts                        | Description of Changes  | Page  | Implementation Date   |
|--|--------------------------------|---|-------|-----------------------|
| Data Dictionary – General Data Elements                                  |                                |   |       |                       |
| Data Dictionary  | Alphabetical Data Element List | <b>Add</b> the following data element:<br><ul style="list-style-type: none"> <li>• <i>Predicted Value</i></li> </ul> <b>Change</b> all listed page numbers following <i>PN Diagnosis: ED/Direct Admit</i> | 1-9   | 04-01-2007 Discharges |
|  | Data Element Pages             | <b>Add</b> the following data element:<br><ul style="list-style-type: none"> <li>• <i>Predicted Value</i></li> </ul>  | N/A   |                       |
| Acute Myocardial Infarction  |                                |   |       |                       |
| Acute Myocardial Infarction – additional Measurement Information changes |                                |   |       |                       |
| Measure Information  | AMI Data Element List          | <b>Add</b> the following data element:<br><ul style="list-style-type: none"> <li>• <i>Predicted Value</i></li> </ul>  | AMI-3 | 04-01-2007 Discharges |

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|   |  | <b>Add</b> following the footnotes:<br>Note: Prior to processing measure outcomes all data will be validated according to the rules in the data transmission section and the edit documents.   |                |                       |
| <b>Heart Failure</b>  |  |  |                |                       |
| <b>Heart Failure – additional Measurement Information changes</b> |  |  |                |                       |
| Measure Information   | HF Data Element List   | <b>Add</b> following the footnotes:<br>Note: Prior to processing measure outcomes all data will be validated according to the rules in the data transmission section and the edit documents.   | HF-3           | 04-01-2007 Discharges |
| <b>Pneumonia</b>  |  |  |                |                       |
| <i>Chest X-Ray</i>  |  |  |                |                       |
| Data Dictionary   | Data Element Pages<br><br>Measures:<br>All PN Measures   | <u>Notes for Abstraction</u><br><b>Add</b> bullet:<br><ul style="list-style-type: none"> <li>• This data element only applies to x-rays and CT scans. As long as the x-ray or CT scan shows the chest or part of the chest it can be used. Example: <ul style="list-style-type: none"> <li>o If “Infiltrate” is listed among other findings in the radiographic report of a CT scan of the abdomen, select “Yes.”</li> </ul> </li> </ul> | 1-70           | 04-01-2007 Discharges |
| <i>Pneumonia Diagnosis: ED/Direct Admit</i>                       |  |  |                |                       |
| Data Dictionary   | Data Element Pages<br><br>Measures:<br>PN-1, PN-3a, PN-3b, PN-5, PN-5a, PN-5b, PN-5c, PN-6, PN-6a, PN-6b | <u>Allowable Values</u><br><b>Change</b> “in the ED” to “on the ED form” in Allowable Values 1 and 3<br><br><u>Notes for Abstraction</u><br><b>Note:</b> The Notes for Abstraction were changed significantly to provide further clarification and should be reviewed closely.<br><br><u>Suggested Data Sources</u><br><b>Add</b> “ONLY ACCEPTABLE SOURCES” after “Direct Admit”   | 1-241          | 04-01-2007 Discharges |
| <i>Risk Factors for Drug-Resistant Pneumococcus</i>               |  |  |                |                       |
| Data Dictionary   | Data Element Pages<br><br>Measures:<br>PN-6, PN-6b   | <u>Definition</u><br><b>Add</b> the phrase “prior to arrival” to the end of the bullet that reads, “Systemic therapy in the last 3 months.”  | 1-278          | 04-01-2007 Discharges |
| <b>Pneumonia - additional Measurement Information changes</b>     |  |  |                |                       |
| Measure Information   | PN Data Element List   | <b>Add</b> following the footnotes:<br>Note: Prior to processing measure outcomes all data will be validated according to the rules in the data transmission section and the edit documents.   | PN-4           | 04-01-2007 Discharges |
| <b>Surgical Care Improvement Project</b>                          |  |  |                |                       |
| <i>Glucose POD 1</i><br><i>Glucose POD 2</i>                      |  |  |                |                       |
| Data Dictionary   | Data Element Pages<br><br>Measures:<br>SCIP-Inf-4  | <u>Allowable Values</u><br><b>NOTE TO PROGRAMMERS:</b><br><b>Remove</b> the first note   | 1-159<br>1-161 | 04-01-2007 Discharges |

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| <i>Preoperative Hair Removal</i>  |   |  |                              |                       |
| Data Dictionary   | Data Element Pages  | <u>Format, Occurs</u><br><b>Change</b> to “1-5”  | 1-255                        | 04-01-2007 Discharges |
| Measure Information   | Measure Information Form (MIF)<br><br>Measures:<br>SCIP-Inf-6 | <u>Exclusions</u><br><b>Remove:</b> Patients whose method of hair removal could not be determined.   | SCIP-Inf 6-2                 |                       |
| Measure Information   | SCIP Flowchart (Algorithm)<br>SCIP-Inf-6                      | <b>Change</b> the text from the arrow flowing to the right of the first <i>Preoperative Hair Removal</i> decision point from “Any = 6 And None = 1,2,3,4,5,7” to “Any = 6”.<br><b>Change</b> the text from the arrow flowing down from the second <i>Preoperative Hair Removal</i> decision point from “All =1 or Any=3,4 And None = 1,2,3,4,5,7” to “Any = 1,3,4 and None = 2,5,7”  | SCIP-Inf 6-4                 | 04-01-2007 Discharges |
| <i>Temperature Value</i>  |   |  |                              |                       |
| Data Dictionary   | Data Element Pages  | <u>Allowable Values</u><br><b>NOTE TO PROGRAMMERS:</b><br><b>Remove</b> note   | 1-292                        | 04-01-2007 Discharges |
| <b>Surgical Care Improvement Project - additional Measurement Information changes</b> |   |  |                              |                       |
| Measure Information   | SCIP Data Element List  | <b>Add</b> following the footnotes:<br>Note: Prior to processing measure outcomes all data will be validated according to the rules in the data transmission section and the edit documents.   | SCIP-4                       | 04-01-2007 Discharges |
| Measure Information   | SCIP Flowchart (Algorithm)<br>SCIP-Inf-2<br>SCIP-Inf-3        | <b>Add</b> derived variable ‘Antibiotic Timing I’ decision point and arrow logic following the process box for ‘Antibiotic Timing I’.<br><br><b>Add</b> arrow logic and text flowing to the right of the derived variable ‘Antibiotic Timing I’ to the decision point <i>ICD-9-CM Principal Procedure Code</i> .<br><br><b>Change</b> the arrow logic flowing down from the decision point <i>Oral Antibiotics</i> to flow to the off page connector INF-2 J and INF-3 J for SCIP-Inf-2 and SCIP-Inf-3 respectively.<br>These changes were due to an inadvertent omission error and have been corrected in this version. | SCIP-Inf 2-8<br>SCIP-Inf 3-8 | 04-01-2007 Discharges |
| <b>Pregnancy</b>  |   |  |                              |                       |
| <b>Pregnancy – additional Measurement Information changes</b>                         |   |  |                              |                       |
| Measure Information   | PR Data Element List  | <b>Add</b> the following data element:<br><ul style="list-style-type: none"> <li>• <i>Predicted Value</i></li> </ul> <b>Add</b> following the footnotes:<br>Note: Prior to processing measure outcomes all data will be validated according to the rules in the data transmission section and the edit documents.  | PR-3                         | 04-01-2007 Discharges |

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| Measure Information  | PR Flowchart (Algorithm)<br>PR-2   | <b>Remove</b> the 2 <sup>nd</sup> <i>Birth Weight</i> decision point (the one that points to the <i>Measure Category Assignment</i> = “F” box).<br><b>Change</b> the <i>ICD-9-CM Diagnosis Code</i> in tables 4.09 to 4.13 decision point so it points to the <i>Measure Category Assignment</i> = “F” box.   | PR-2-5 | 04-01-2007<br>Discharges |
| <b>Missing and Invalid Data</b>                            |  |   |        |                          |
| Missing and Invalid Data                                   | Missing and Invalid Episode of Care (EOC) Data                                     | <b>Add:</b> Clarification provided regarding data completeness requirements for antibiotic administration data elements, VTE Prophylaxis data elements and data elements related to ICD Procedures.   | 3-3    | 04-01-2007<br>Discharges |
| <b>National Hospital Quality Measure Data Transmission</b> |  |   |        |                          |
| Data Transmission  | Joint Commission National Hospital Quality Measure Data Transmission               | <u>Anonymous Patient-level Data</u><br><b>Data Element Required by the Joint Commission That Are Not Required by CMS:</b><br><ul style="list-style-type: none"> <li>• <b>Add Predicted Value</b></li> </ul>   | 9-3    | 04-01-2007<br>Discharges |
| Data Transmission  | CMS and Joint Commission Guidelines for Submission of Data                         | <u>CMS and Joint Commission Guidelines for Submission of Hospital Clinical Data</u><br><ul style="list-style-type: none"> <li>• <b>Minimum Data Requirements</b> <ul style="list-style-type: none"> <li>○ <b>Add</b> clarification regarding minimum data requirements for data transmitted to the QIO Clinical Warehouse and the Joint Commission Data Warehouse</li> </ul> </li> <li>• <b>Missing Data Policy</b> <ul style="list-style-type: none"> <li>○ <b>Add</b> clarification provided regarding data completeness requirements for antibiotic administration data elements, VTE Prophylaxis data elements and data elements related to ICD Procedures</li> </ul> </li> <li>• <b>Data Elements Not Accepted by CMS</b> <ul style="list-style-type: none"> <li>○ <b>Add Predicted Value</b></li> </ul> </li> </ul> | 9-14   | 04-01-2007<br>Discharges |
| Data Transmission  | CMS and Joint Commission Guidelines for Submission of Data                         | <u>CMS and Joint Commission Guidelines for Submission of Hospital Clinical Data</u><br><b>Patient-Level Clinical Data XML File Layout</b><br><ul style="list-style-type: none"> <li>• <b>File Audit Data section</b> <ul style="list-style-type: none"> <li>○ <b>Change</b> Created-By XML tag reference to Create-By</li> <li>○ <b>Change</b> Created-By-Tool tag reference to Create-by-Tool</li> </ul> </li> <li>• <b>Joint Commission</b> <ul style="list-style-type: none"> <li>○ <b>Add Predicted Value</b></li> </ul> </li> </ul>  | 9-18   | 04-01-2007<br>Discharges |
| Data Transmission  | CMS and Joint Commission Guidelines for Submission of Hospital ICD Population Data | <u>Hospital ICD Population Data XML File Layout</u><br><ul style="list-style-type: none"> <li>• <b>Submission section</b> <ul style="list-style-type: none"> <li>○ <b>Add</b> Measure-Set as key matching field for QIO Clinical Warehouse and Joint Commission’s Data Warehouse</li> </ul> </li> <li>• <b>File Audit Data section</b> <ul style="list-style-type: none"> <li>○ <b>Change</b> Created-By XML tag reference to Create-By</li> <li>○ <b>Change</b> Created-by Tool tag reference to Create-by-Tool</li> </ul> </li> </ul>   | 9-20   | 04-01-2007<br>Discharges |

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|                             |  | <ul style="list-style-type: none"> <li>• <b>Time Period</b> <ul style="list-style-type: none"> <li>○ <b>Add</b> the following clarifications:                             <ul style="list-style-type: none"> <li>– Time Periods must be one month increments.</li> <li>– Files submitted to the QIO Clinical Warehouse and the Joint Commission’s Data Warehouse are required to contain three monthly time periods which comprise a calendar quarter. Files not meeting these guidelines will be rejected.</li> </ul> </li> </ul> </li> <li>• <b>Population Details</b> <ul style="list-style-type: none"> <li>○ <b>Add</b> “All data elements are based on discharges that occurred during the associated time period.”</li> </ul> </li> </ul> |  |                       |
| Data Transmission           | Hospital Clinical Data XML File Layout       | <b>Update</b> attribute <ul style="list-style-type: none"> <li>• Valid values for the attribute version associated with the tag &lt;submission&gt; has been updated to version 1.0</li> </ul>  | 1  | 04-01-2007 Discharges |
| Data Transmission           | Hospital Clinical Data XML File Layout       | <joint-commission> section <ul style="list-style-type: none"> <li>• <b>Add</b> <i>Predicted Value</i> (&lt;predicted-value&gt;)</li> </ul>   | N/A  | 04-01-2007 Discharges |
| Data Transmission           | Hospital ICD Population Data XML File Layout | <created-by> tag<br><b>Update</b> tag to be <create-by>  | 1  | 04-01-2007 Discharges |
| Data Transmission           | Hospital ICD Population Data XML File Layout | <created-by-tool><br><b>Update</b> tag to be <create-by-tool>  | 2  | 04-01-2007 Discharges |
| Data Transmission           | Hospital ICD Population Data XML File Layout | <b>Update</b> Description and Valid Values of the <time-period> tag.   | 3  | 04-01-2007 Discharges |
| <b>Appendices</b>           |  |  |  |                       |
| Appendix A PDF Version      | ICD-9-CM Code Tables                         | <u>Table 1.1 Acute Myocardial Infarction (AMI)</u><br><b>Change</b> the last code on the table from 0.91 to 410.91<br><br><u>Table 4.03 Complication Mainly in the Course of Labor and Delivery &amp; Table 4.04 Complication of the Puerperium</u><br><b>Move</b> codes 671.11 through 674.12 on table 4.03 to table 4.04<br><br><u>Table 5.09 Infection</u><br><b>Change</b> the code 566.0 to 566   | Appendix A-1<br><br>Appendix A-15, 16<br><br>Appendix A-62 | 04-01-2007 Discharges |
| Appendix A MS Excel Version | ICD-9-CM Code Tables                         | <u>Table 5.09 Infection</u><br><b>Change</b> the code 566.0 to 566   | NA   | 04-01-2007 Discharges |