



## **Patient Safety Indicators (PSI) ICD-9-CM and DRG Coding Updates to Version 4.3**

**Prepared for:**

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Version 4.3a is a maintenance release of Version 4.3. The differences between the two versions are:

- Version 4.3a includes Version 29 of the Limited License edition of the 3M™ APR-DRG Grouper. This grouper corrects an issue found in Version 28 of the Limited License edition of the 3M™ APR-DRG Grouper. The grouper is only used with the Inpatient Quality Indicator (IQI) mortality measures. Version 4.3 includes Version 28 of the Limited License edition of the 3M™ APR-DRG Grouper, which was incorrectly assigning a Risk of Mortality (ROM) subclass for cases dated on or after 10/1/10.
- Version 4.3a allows users to calculate area-level indicators for years 2010 and 2011, correcting an issue previously identified in Version 4.3.

All other aspects of the software, including measure specifications, remain the same. Thus this document (related to Version 4.3) remains unchanged.

The following changes were implemented in Version 4.3 of the Patient Safety Indicator (PSI) software (both SAS and Windows) and reflect changes to indicator specifications based on updates to ICD-9-CM and MS-DRG codes for Fiscal Year 2011 (effective 10-1-2010). All changes noted below have been incorporated into the software programming code, software documentation and the PSI technical specifications. With this software update, the PSI software now incorporates ICD-9-CM and MS-DRG codes valid from October 1, 1994 through September 30, 2011.

Indicator Name (#)	Component	Change
<u>PSI #4 – Death among Surgical Inpatients with Serious Treatable Complications</u>	Add to denominator exclusion for diagnosis of influenza (FTR #3)	48801 FLU DR IDEN AVIAN W PNEU 48802 FLU DT AVIAN W OTH RESP 48809 FLU DT AVIAN MANFEST NEC 48811 FLU DT H1N1 FLU W PNEU 48812 FLU DT H1N1 W OTH RESP 48819 FLU DT H1N1 MANFEST NEC
<u>PSI #6 and #22 Iatrogenic Pneumothorax</u>	Add to denominator exclusion for thoracic procedure	3227 BRNC THRMPLSTY, ABLT MSCL
<u>PSI #6 and #22 Iatrogenic Pneumothorax</u>	Add to denominator exclusion for cardiac procedure	3597 PERC MTRL VLV REPR W IMP 3737 EXC/DEST HRT LES, THRSPC
<u>PSI #8 Postoperative Hip Fracture</u>	Add to denominator exclusion for diagnosis of seizure	78033 POST TRAUMATIC SEIZURES
<u>PSI #16 – Transfusion Reaction</u>	Add to numerator inclusion for diagnosis of transfusion reaction	99960 ABO INCOMPAT REAC NOS 99961 ABO INCOMP/HTR NEC 99962 ABO INCOMPAT/ACUTE HTR 99963 ABO INCOMPAT/DELAY HTR 99969 ABO INCOMPAT REACTN NEC 99970 RH INCOMPAT REACTION NOS 99971 RH INCOMP/HTR NEC 99972 RH INCOMPAT/ACUTE HTR 99973 RH INCOMPAT/DELAY HTR 99974 RH INCOMPAT REACTION NEC
<u>AHRQ Comorbidity Software</u>	Add codes for NEURO	78033 POST TRAUMATIC SEIZURES
<u>AHRQ Comorbidity Software</u>	Add codes for OBESE	27803 OBESITY HYPOVENT SYND V8541 BMI 40.0-44.9, ADULT V8542 BMI 45.0-49.9, ADULT V8453 BMI 50.0-59.9, ADULT V8544 BMI 60.0-69.9, ADULT V8545 BMI 70 AND OVER, ADULT
<u>Multiple Surgical MS-DRG</u>	Add to numerator inclusion for Surgical Diagnosis Related Group	014 ALLOGENIC BONE MARROR TRANSPLANT 015 AUTOLOGOUS BONE MARROW TRANSPLANT