Transfusion Reaction Volume

Patient Safety Indicators #16
Technical Specifications
Provider-Level Indicator
AHRQ Quality Indicators, Version 4.4, March 2012

Numerator

Discharges 18 years and older or in MDC 14 with ICD-9-CM codes for transfusion reaction in any secondary diagnosis field of all medical and surgical discharges defined by specific DRGs or MS-DRGs.

ICD-9-CM Transfusion reaction diagnosis codes¹:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9996</td>
<td>ABO INCOMPATIBILITY REACTION</td>
</tr>
<tr>
<td>99960</td>
<td>ABO INCOMPAT React NOS</td>
</tr>
<tr>
<td>99961</td>
<td>ABO INCOMP/HTR NEC</td>
</tr>
<tr>
<td>99962</td>
<td>ABO INCOMP/HTR NEC</td>
</tr>
<tr>
<td>99963</td>
<td>ABO INCOMPACT/ACUTE HTR</td>
</tr>
<tr>
<td>99969</td>
<td>ABO INCOMPAT ReactN NEC</td>
</tr>
<tr>
<td>9997</td>
<td>RH INCOMPATIBILITY REACTION</td>
</tr>
<tr>
<td>99970</td>
<td>RH INCOMPAT REACTION NOS</td>
</tr>
<tr>
<td>99971</td>
<td>RH INCOMP/HTR NEC</td>
</tr>
<tr>
<td>99972</td>
<td>RH INCOMP/HTR NEC</td>
</tr>
<tr>
<td>99973</td>
<td>RH INCOMP/DELAY HTR</td>
</tr>
<tr>
<td>99974</td>
<td>RH INCOMP REACTION NEC</td>
</tr>
<tr>
<td>E8760</td>
<td>MISMATCHED BLOODTRANSFUSN</td>
</tr>
</tbody>
</table>

¹Italicized codes are not active in the current fiscal year.

See Patient Safety Indicators Appendices:
- Appendix B – Medical Discharge DRGs
- Appendix C – Medical Discharge MS-DRGs
- Appendix D – Surgical Discharge DRGs
- Appendix E – Surgical Discharge MS-DRGs

Exclude cases:
- with principal diagnosis of transfusion reaction or secondary diagnosis present on admission*
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

* Only for cases that otherwise qualify for the numerator

Denominator

Not applicable.