ICD-10
High level Overview

February 10, 2009
What is ICD-10?

- International Classification of Diseases, Tenth Revision
- Used for reporting diseases, injuries and causes of death - morbidity and mortality reporting.
- ICD-10 Clinical Modification (ICD-10-CM) for reporting diagnoses
- ICD-10 Procedure Coding System (ICD-10-PCS) for reporting inpatient procedures
Why Change?

- World Health Organization (WHO) supports ICD-10 only
- US is only nation still using ICD-9-CM for morbidity reporting
  - US uses ICD-10 for mortality reporting
- ICD-9-CM can no longer accommodate new codes
- ICD-9-CM was created 30 years ago
- Improved mortality reporting and bio-surveillance
  - 138 countries have adopted ICD-10 for morbidity data
  - ICD-10 better identifies new health threats such as anthrax, Severe Acute Respiratory Syndrome (SARS), and Monkey pox
  - Detail improves ability to develop rapid interventions for emerging diseases affecting international populations
Benefits of ICD-10

1. Increased classification specificity for newly identified disease entities & other advances
2. Ability to capture emerging technologies
3. Interoperability with Electronic Health Record (EHR) clinical vocabularies
4. Potential improvements in quality of health care and cost containment
5. Increased accuracy for “Pay 4 Performance” programs and “Never Events”
## Comparison: ICD-9-CM vs. ICD-10-CM

<table>
<thead>
<tr>
<th>Key Differences</th>
<th>ICD-9 CM</th>
<th>ICD-10 CM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Characters</td>
<td>3-5 Numeric &amp; Alphanumeric</td>
<td>5-7 Alphanumeric</td>
</tr>
<tr>
<td>Approximate Number of Codes</td>
<td>13,000</td>
<td>120,000</td>
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</tbody>
</table>

### Key Differences Examples

<table>
<thead>
<tr>
<th>ICD-9-CM</th>
<th>ICD-10-CM</th>
</tr>
</thead>
<tbody>
<tr>
<td>813.22 - Fracture; Shaft, closed Ulna (alone)</td>
<td>S52.211 - Greenstick fracture of shaft of right ulna</td>
</tr>
<tr>
<td>813.33 - Fracture; Shaft, open Ulna (alone)</td>
<td>S52.212 - Greenstick fracture of shaft of left ulna</td>
</tr>
<tr>
<td></td>
<td>S52.221 - Displaced transverse fracture of shaft of right ulna</td>
</tr>
<tr>
<td></td>
<td>S52.222 - Displaced transverse fracture of shaft of left ulna</td>
</tr>
<tr>
<td></td>
<td>S52.231 - Displaced oblique fracture of shaft of right ulna</td>
</tr>
<tr>
<td></td>
<td>S52.232 - Displaced oblique fracture of shaft of left ulna</td>
</tr>
</tbody>
</table>
Comparison:
ICD-9-CM Procedure Codes vs.
ICD-10-PCS

<table>
<thead>
<tr>
<th>Number of Characters</th>
<th>ICD-9-CM</th>
<th>ICD-10-PCS</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-4 Numeric</td>
<td></td>
<td>7 Alphanumeric</td>
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</tbody>
</table>

| Approximate Number of Codes | 4,000 | 200,000 |

**Excision of Inferior Vena Cava**

<table>
<thead>
<tr>
<th>ICD-9-CM</th>
<th>ICD-10-PCS</th>
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</table>
| 38.45 - Resection of vessel with replacement, thoracic vessel | 06B00ZZ - Open excision  
06B02ZZ - Open endoscopic excision  
06B03ZZ - Percutaneous excision  
06B04ZZ - Percutaneous endoscopic excision |
Impacts to State Medicaid Programs

- **System Changes** – Systems which process or provide data related to claims and encounters; hold Medicaid policy; and downstream reporting systems

- **Policy Impacts** – Policy which is used in determining benefits or guidelines for care; Criteria for reporting systems

- **Education and Training** – Education and training of all personnel who use these codes to determine policy, reimbursement or denial of claims, outcome measures, contracts, and all other business requirements

- **Education** – Education of all impacted trading partners and providers

- **Hospital Contracts** – Contracts between Medicaid and hospitals which determine reimbursement based on inpatient procedure codes

- **Documentation** – Impacts to guidelines, manuals, desk level procedures, etc...
Industry Feedback

- In general, the migration to ICD-10 is supported by the industry.
- Timelines as proposed in the NPRM were thought to be too short given experiences with HIPAA and other factors (i.e., budget constraints) which resulted in the revision of these dates in the final rule.
- Implementation of ICD-10 should be sequential and subsequent to 5010 (1/1/2011).
What’s Next?

- ASC X12 version 5010 transaction **must be implemented** prior to ICD-10
- Plan development and implementation strategies