Increase In ICD-10 Codes:

- **ETIOLOGY**
  - Example: Congenital pneumonia
    - ICD-9: one code
    - ICD-10: nine codes (due to...)
      - Viral agent, Chlamydia, Staphylococcus, group B strep, E. coli, Pseudomonas, other bacterial agents, other organisms

- **PATHOPHYSIOLOGY**
  - Example: Fetal blood loss affecting newborn
    - ICD-9: one code
    - ICD-10: eight codes (fetal blood loss from...)
      - Vasa previa, ruptured cord, placenta, hemorrhage into co-twin, hemorrhage into maternal circulation, cut end of co-twins cord, other, or unspecified

- **CLINICAL SPECIFICITY** (conditions providers and nurses note)
  - Example: Feeding problems in newborn
    - ICD-9: 4 codes
    - ICD-10: 10 codes (additional types not in ICD-9)
      - Regurgitation and rumination, slow feeding, underfeeding, overfeeding, difficulty in feeding at breast

- **MANIFESTATION** (provides info on clinical presentation)
  - Example: Marfan’s syndrome
    - ICD-9: one code
    - ICD-10: five codes (Marfan’s syndrome with...)
      - Aortic dilation, other cardiovascular manifestations, ocular manifestations, with skeletal manifestations, unspecified
**Asthma:** New terminology for type

<table>
<thead>
<tr>
<th>ICD-9</th>
<th>ICD-10</th>
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<tbody>
<tr>
<td>Extrinsic</td>
<td>Mild intermittent</td>
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<tr>
<td>Intrinsic</td>
<td>Mild persistent</td>
</tr>
<tr>
<td>Chronic obstructive</td>
<td>Moderate persistent</td>
</tr>
<tr>
<td>Asthma, Unspecified</td>
<td>Severe persistent</td>
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</tbody>
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**Sepsis:**
- **Bacteremia:** the presence of bacteria in the blood
- **Sepsis:** infection, documented or suspected, with signs and symptoms of an inflammatory response (SIRS)
- **Severe sepsis:** sepsis with organ dysfunction
- **Septic shock:** severe sepsis plus acute circulatory failure

**Musculoskeletal code expansion:** Injuries (varies by type of injury)

- **ANATOMIC SPECIFICITY**
  - Much more specificity regarding specific anatomic location
    - Example: radius and ulna rather than forearm
- **ADDITIONAL INFORMATION FOR CODING FRACTURES**
  - Displacement: displaced / non-displaced
  - Open / closed
  - Laterality

- **EPISODE OF CARE** (the essential new addition for pediatricians treating injuries) [Examples below for fractures]
  - Initial (open v. closed)
  - Subsequent (routine healing, delayed healing, nonunion, malunion)
  - Sequela

**External Causes of Injury:** (for injuries, include history of...)
- Injury (if not already specified in a prior code)
- Place of injury (home, public, etc.)
- Activity (hang-gliding, driver of motorcycle, etc.)
- Status (work related, military [on or off duty], leisure, etc.)