BC Chronic Disease and Selected Procedure Case Definitions

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**CASE DEFINITION — OSTEOPOROSIS**

**Case Definition Type:**  
- Health Service Contact Prevalence ☐  
- Incidence Rate ☒  
- Lifetime Prevalence ☒

**Case Definition:**  
The case definition for Osteoporosis requires one hospitalization or two physician visits in one year with diagnostic code(s) specified below; or two or more prescriptions in one year with drug codes as specified below. The case definition applies to persons aged 50 and older.

**Signed-off BC Case Definition:** Yes ☒ - V2018  No ☐

**Algorithm:**  
1H or 2P or 2+Rx in 1Y with ICD code(s) specified below.

**Notes:** None

**Age Restriction:** Age 50 +

**Data Source(s):**

<table>
<thead>
<tr>
<th>Data Source</th>
<th>ICD Code/Procedure Code/Rx</th>
<th>ICD Code/Procedure Code Position</th>
<th>Diagnosis Type</th>
<th>Hospital Care Level</th>
</tr>
</thead>
</table>
| Hospital ICD-10 | M80, M81, M82 | First Position Only ☐  
All Positions ☒  
Others ☐  
N/A ☐ | M-Most Responsible Diagnosis ☒  
1-Pre-Admit Comorbidity ☒  
2-Post-Admit Comorbidity ☒  
3-Secondary Diagnosis ☒  
4-Morphology Code ☒  
5-Admitting Diagnosis ☒  
6-Proxy Most Responsible Diagnosis ☒  
9-External Cause of Injury Code ☒  
0-Newborn ☒  
W,X,Y- Service Transfer Diagnosis ☒ | Acute Care ☒  
Rehabilitation ☒  
Day Surgery ☒ |
| Hospital ICD-9 | 733.0 | First Position Only ☐  
All Positions ☒  
Others ☐  
N/A ☐ | M-Most Responsible Diagnosis ☒  
1-Pre-Admit Comorbidity ☒  
2-Post-Admit Comorbidity ☒  
3-Secondary Diagnosis ☒  
4-Morphology Code ☒  
5-Admitting Diagnosis ☒  
6-Proxy Most Responsible Diagnosis ☒  
9-External Cause of Injury Code ☒  
0-Newborn ☒ | Acute Care ☒  
Rehabilitation ☒  
Day Surgery ☒ |
### Diagnostic Code:

<table>
<thead>
<tr>
<th>ICD-9/10</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M80</td>
<td>Osteoporosis with pathological fracture</td>
</tr>
<tr>
<td>M81</td>
<td>Osteoporosis without pathological fracture</td>
</tr>
<tr>
<td>M82</td>
<td>Osteoporosis in diseases classified elsewhere</td>
</tr>
<tr>
<td>733</td>
<td>Other disorders of bone and cartilage</td>
</tr>
<tr>
<td>733.0</td>
<td>Osteoporosis</td>
</tr>
</tbody>
</table>

### Procedure Code:  
N/A