Ministry of Health

BC Chronic Disease and Selected Procedure Case Definitions

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# Case Definition – Osteoarthritis

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

**Case Definition:**  
The case definition for Osteoarthritis requires one hospitalization or two physician visits in one year with diagnostic code(s) specified below. The case definition applies to persons aged 1 and older.

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

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

**Notes:**  
None

**Age Restriction:**  
Age 1 +

**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 | M15, M16, M17, M18, M19 | 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 | 715 | 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 ☒ |
<table>
<thead>
<tr>
<th></th>
<th>W,X,Y- Service Transfer Diagnosis</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Physician Claims ICD-9</td>
<td>715</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>First Position Only □</td>
<td></td>
</tr>
<tr>
<td></td>
<td>All Positions ☑</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Others □</td>
<td></td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>PharmaNet Drug History</td>
<td>N/A</td>
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<tr>
<td></td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Diagnostic Code:

<table>
<thead>
<tr>
<th>ICD-9/10</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M15</td>
<td>Polyarthrosis</td>
</tr>
<tr>
<td>M16</td>
<td>Coxarthrosis [arthrosis of hip]</td>
</tr>
<tr>
<td>M17</td>
<td>Gonarthrosis [arthrosis of knee]</td>
</tr>
<tr>
<td>M18</td>
<td>Arthrosis of first carpometacarpal joint</td>
</tr>
<tr>
<td>M19</td>
<td>Other arthrosis</td>
</tr>
<tr>
<td>715</td>
<td>Osteoarthrosis and allied disorders</td>
</tr>
</tbody>
</table>

### Procedure Code:  
N/A

### Drug List:  
N/A