Ministry of Health

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) or drug 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>
<tbody>
<tr>
<td>Hospital ICD-10</td>
<td>M80, M81, M82</td>
<td>First Position Only ☐  All Positions ☒  Others ☐  N/A ☐</td>
<td>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 ☒</td>
<td>Acute Care ☒  Rehabilitation ☒  Day Surgery ☒</td>
</tr>
<tr>
<td>Hospital ICD-9</td>
<td>733.0</td>
<td>First Position Only ☐  All Positions ☒  Others ☐  N/A ☐</td>
<td>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 ☒</td>
<td>Acute Care ☒  Rehabilitation ☒  Day Surgery ☒</td>
</tr>
</tbody>
</table>
Physician Claims ICD-9  
733  
First Position Only  
All Positions  
Others  
N/A  
N/A

PharmaNet Drug History  
See drug list  
N/A  
N/A  
N/A

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

Drug List DIN Numbers:

454087, 582522, 584703, 723428, 1908480, 1926691, 1940376, 1990926, 1992880, 1997629, 2007134, 2144301, 2176017, 2201011, 2201038, 2233022, 2233055, 2239028, 2239146, 2240775, 2242518, 2245329, 2245330, 2245331, 2246058, 2246896, 2247323, 2247373, 2247585, 2248251, 2248625, 2248686, 2248687, 2248727, 2248728, 2248729, 2248730, 2254689, 2258102, 2258110, 2261715, 2261766, 2263866, 2269198, 2270110, 2270129, 2270870, 2270889, 2273179, 2275279, 2276429, 2276844, 2276852, 2279215, 2279657, 2282763, 2282771, 2284006, 2286327, 2286335, 2288079, 2288087, 2288095, 2288109, 2297787, 2298376, 2298384, 2298392, 2299712, 2302004, 2302209, 2303035, 2303043, 2303078, 2303081, 2309831, 2309874, 2311046, 2312298, 2314940, 2316838, 2319861, 2324199, 2326981, 2327295, 2338696, 2338718, 2341077, 2343541, 2343916, 2349324, 2347202, 2347210, 2347474, 2347938, 2347946, 2347954, 2347962, 2347970, 2347989, 2351390, 2352141, 2352915, 2352958, 2352966, 2353210, 2353687, 2357984, 2358697, 2358840, 2358883, 2358891, 2358905, 2358921, 2362144, 2364794, 2364808, 2364816, 2365057, 2365065, 2365073, 2365081, 2368153, 2368552, 2370239, 2370247, 2370255, 2370417, 2372304, 2377446, 2377721, 2381478, 2381486, 2381494, 2383233, 2384698, 2384701, 2384728, 2385015, 2385023, 2385031, 2388545, 2388553, 2394863, 2394871, 2397773, 2401118, 2401126, 2401134, 2403633, 2403641, 2405717, 2405725, 2406284, 2406292, 2406306, 2408082, 2408449, 2411407, 2413809, 2415100, 2415852, 2421720, 2422433, 2424177, 2427354, 2428717, 2428725, 2428733, 2429160, 2442760, 2454467, 2454475, 2476398, 2476401, 2479311