Ministry of Health

BC Chronic Disease and Selected Procedure Case Definitions

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**CASE DEFINITION – JUVENILE IDIOPATHIC ARTHRITIS**

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

**Case Definition:** The case definition for juvenile idiopathic arthritis requires one hospitalization or two physician visits at least 8 weeks (56 days) apart in two years with diagnostic code(s) specified below. The case definition applies to persons aged 0 to 15 years.

**Signed-off BC Case Definition:** YES ☒ - V2018  NO ☐

**Algorithm:** 1H or 2P at least 8 weeks (56 D) apart in 2Y with ICD code(s) specified below.

**Notes:** BC algorithm uses all physician claims diagnostic fields. CCDSS uses only first physician claim field.

**Age Restriction:** Age 0-15

**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 | M05, M06, M07.0-M07.3, M08, M45 | 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 | 714.x, 720.x | 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 ☒ | Acute Care ☒  
Rehabilitation ☒  
Day Surgery ☒ |
| Physician Claims ICD-9 | 714.x, 720.x | First Position Only ☐
| | | All Positions ☑
| | | Others ☐
| | | N/A ☐
| PharmaNet Drug History | N/A | N/A

**Diagnostic Code:**

<table>
<thead>
<tr>
<th>ICD-9/10</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M05</td>
<td>Seropositive rheumatoid arthritis</td>
</tr>
<tr>
<td>M06</td>
<td>Other rheumatoid arthritis</td>
</tr>
<tr>
<td>M07.0</td>
<td>Distal interphalangeal psoriatic arthropathy</td>
</tr>
<tr>
<td>M07.1</td>
<td>Arthritis mutilans</td>
</tr>
<tr>
<td>M07.2</td>
<td>Psoriatic spondylitis</td>
</tr>
<tr>
<td>M07.3</td>
<td>Other psoriatic arthropathies</td>
</tr>
<tr>
<td>M08</td>
<td>Juvenile arthritis</td>
</tr>
<tr>
<td>M45</td>
<td>Ankylosing spondylitis</td>
</tr>
<tr>
<td>714.x</td>
<td>Rheumatoid arthritis and other polyarthropathies</td>
</tr>
<tr>
<td>720.x</td>
<td>Ankylosing spondylitis and other inflammatory spondylopathies</td>
</tr>
</tbody>
</table>

**Procedure Code:** N/A