Ministry of Health

BC Chronic Disease and Selected Procedure Case Definitions

Author: Chronic Disease Information Working Group
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Email: hlth.cdrwg@gov.bc.ca
## Case Definition – Stroke, Hospitalized Haemorrhagic

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

**Case Definition:** The case definition for Hospitalized Haemorrhagic Stroke requires one hospitalization with diagnostic code(s) specified below. The case definition applies to persons aged 20 and older.

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

**Algorithm:**  
1H with ICD code(s) specified below.

**Note:** See Traumatic Brain Injury exclusions in Diagnostic Code section below.

**Age Restriction:** Age 20 +

**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 | 160, I61 | 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 | 430, 431 | 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 ☒ |
### Diagnostic Codes:

<table>
<thead>
<tr>
<th>ICD-9/10</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>I60</td>
<td>Subarachnoid hemorrhage</td>
</tr>
<tr>
<td>I61</td>
<td>Intracerebral hemorrhage</td>
</tr>
<tr>
<td>430</td>
<td>Subarachnoid hemorrhage</td>
</tr>
<tr>
<td>431</td>
<td>Intracerebral hemorrhage</td>
</tr>
</tbody>
</table>

**Exclusions: any traumatic brain injury**

| S02.x     | Fracture of skull and facial bones, exclude S02.5 fracture of tooth * |
| S06.x     | Intracranial injury |
| 250.x     | Care involving use of rehabilitation procedures |
| 800       | Fracture of vault of skull |
| 801       | Fracture of base of skull |
| 802       | Fracture of face bones |
| 803       | Other and unqualified skull fractures |
| 804       | Multiple fractures involving skull or face with other bones |
| 850       | Concussion |
| 851       | Cerebral laceration and contusion |
| 852       | Subarachnoid subdural and extradural hemorrhage following injury |
| 853       | Other and unspecified intracranial hemorrhage following injury |
| 854       | Intracranial injury of other and unspecified nature |
| V57.x     | Care involving use of rehabilitation procedures. Only excluded stroke diagnoses on the same day, and the code is the primary hospital discharge diagnosis. |

* S02.0x - Fracture of vault of skull
  
S02.1x - Fracture of base of skull
  
S02.2x - Fracture of nasal bones
S02.3x - Fracture of orbital floor
S02.4x - Fracture of malar and maxillary bones
S02.6x - Fracture of mandible
S02.7x - Multiple fractures involving skull and facial bone
S02.8x - Fractures of other skull and facial bones
S02.9x - Fracture of skull and facial bones, part unspecified

Procedure Code: N/A