Note: It is recommended that this Data Set have two additional key variables: SITE (to distinguish the location where the data are recorded) and SUBJECT (to distinguish the patient/study participant)

Injury Spinal Intervention and Spinal Procedures Basic Data Set (Version 1.0)

**Intervention/procedure date and start time:**
- YYYY/MM/DD; HH:MM hrs □ Unknown

**Non-surgical bed rest and external immobilization:**
- □ No
- □ Enforced bed-rest
- □ External immobilizing device
- □ Both enforced bed-rest and external immobilizing device
- □ Unknown

**Spinal intervention - closed manipulation and/or reduction of spinal elements:**
- □ No
- □ Yes
- □ Unknown

**Surgical procedure - approach:**
- □ No
- □ Anterior open surgical procedure
- □ Posterior open surgical procedure
- □ Both anterior and posterior open surgical procedures
- □ Unknown

Date and Time of the Intervention Completion or Surgical Closure:
- YYYY/MM/DD; HH:MM hrs □ Unknown

If an open surgical approach was performed (anterior, posterior, or both anterior and posterior), fill in the data elements below.

**Surgical procedure – open reduction:**
- □ No
- □ Yes
- □ Unknown

**Surgical procedure – direct decompression of neural elements:**
- □ No
- □ Yes
- □ Unknown
**Surgical procedure – stabilization and fusion:** (one to be filled in for each level of injury, starting with the most cephalic injury):

<table>
<thead>
<tr>
<th>Stabilization and Fusion – Segment Number</th>
<th>Stabilization and Fusion – Segment Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>vC00-vC07-Cervical (C0-C07)</td>
<td>vC99-Unknown Cervical (C0-C07)</td>
</tr>
<tr>
<td>vT01-vT12-Thoracic (T1-T12)</td>
<td>vT99-Unknown Thoracic (T1-T12)</td>
</tr>
<tr>
<td>vL01-vL05-Lumbar (L1-L5)</td>
<td>vL99-Unknown Lumbar (L1-L5)</td>
</tr>
<tr>
<td>vS01-vS05-Sacral (S1-S5)</td>
<td>vS99-Unknown Sacral (S1-S5)</td>
</tr>
<tr>
<td></td>
<td>vX99-Unknown Level</td>
</tr>
</tbody>
</table>
### International Spinal Cord Injury Spinal Intervention and Spinal Procedures Basic Data Set (Version 1.0)

#### Proposed 8 Character Variables:

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Site</th>
<th>Subject</th>
<th>Intervention/procedure date</th>
<th>start time</th>
<th>Non-surgical bed rest and external immobilization</th>
<th>Spinal intervention - closed manipulation and/or reduction of spinal elements</th>
<th>Surgical procedure - approach</th>
<th>Date of the Intervention Completion or Surgical Closure</th>
<th>Time of the Intervention Completion or Surgical Closure</th>
<th>Surgical procedure – open reduction</th>
<th>Surgical procedure – direct decompression of neural elements</th>
</tr>
</thead>
</table>

#### Format/ Codes

- YYYY/MM/DD
- 99999999 = Unknown
- HH:MM hrs
- 9999 = Unknown
- No
- Yes
- Unknown

### Table 1 and 2

<table>
<thead>
<tr>
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<th>1 and 2</th>
<th>1 and 2</th>
<th>1 and 2</th>
<th>1 and 2</th>
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</thead>
<tbody>
<tr>
<td>8 Character Variable</td>
<td>SITE</td>
<td>SUBJECT</td>
<td>INTPRODT</td>
<td>INTPROTM</td>
<td>NONSURG</td>
<td>SPININTV</td>
<td>SURGPROC</td>
<td>COMCLODT</td>
<td>COMCLOTM</td>
<td>SURGOPEN</td>
<td>SURDECMP</td>
</tr>
</tbody>
</table>

### Comments/Suggested Revisions

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Injury Spinal Intervention and Spinal Procedures Basic Data Set (Version 1.0)

<table>
<thead>
<tr>
<th>Proposed 8 Character Variables:</th>
<th>Injury Spinal Intervention and Spinal Procedures Basic Data Set (Version 1.0) Table #2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Data Element</strong></td>
<td><strong>Site</strong></td>
</tr>
<tr>
<td><strong>Format/ Codes</strong></td>
<td>YYYY/MM/DD</td>
</tr>
<tr>
<td><strong>Table</strong> 1 and 2</td>
<td>SITE</td>
</tr>
<tr>
<td><strong>Table</strong> 1 and 2</td>
<td>SURSTANO</td>
</tr>
<tr>
<td><strong>Table #</strong></td>
<td>1 and 2</td>
</tr>
<tr>
<td><strong>8 Character Variable</strong></td>
<td>SITE</td>
</tr>
</tbody>
</table>
| **Comments/Suggested Revisions** | When a surgical procedure is performed it may or may not include the insertion of instrumentation to stabilize vertebral levels and may or may not involve a formal fusion procedure with or without insertion of local or distantly harvested structural or non-structural bone graft or substitutes. This variable encompasses any and all of the above in one single data point. This variable orders and assigns numbers to each region of the spine which has undergone a spinal instrumentation or fusion procedure beginning with the most cephalic region that has been instrumented and fused and progressing to the most caudal fused region regardless of which level of spinal column injury is the most severe or significant injury or which injury may or may not contribute to the patient’s neurological injury. If a patient has had a vC5-6 anterior fusion and also a vT12 to vL2 posterior instrumentation, then each of these non-contiguous instrumented and fused regions would receive a numerical score beginning with 1 for the vC5-6 fusion and 2 for the vT12...

This variable is used to document each of the level(s) of spinal fusion or instrumentation. For a single fused motion segment injury, such as a C5-6 anterior fusion and plating, both the cephalic and caudal of the two adjacent vertebrae are identified and separated by a dash (-). The prefix “v” references the fact that we are referring to a spinal column level (vertebral level) and helps distinguish the spinal column injury level from the neurological level. The cervical region is represented by vC00-vC07. The occiput is considered to be the most cephalic vertebral level and is designated by vC00. The thoracic region is represented by vT01-vT12. The lumbar region is represented by vL01-vL05. The sacrum is considered to be the most caudal vertebral level and is designated by vS01-vS05. When the specific spinal column level is not known, however the spinal region (cervical, thoracic, lumbar, and sacral) is known then the regions may be represented by vC99, vT99, vL99, and vS99 for cervical, thoracic, lumbar and sacral respectively. When both the spinal column level and the region of the spine are not known, then these levels are documented as vX99. Where there are multiple spinal column injuries, separate entries will be completed for each level of spinal column injury. |