

# NECK

| AIS 2005  | Injury Description   | ⇒AIS98   | ⇐AIS98   | FCI |
|---|--|----------|----------|-----|
| <b>WHOLE AREA</b>   |  |          |          |     |
| <b>Use one of the following two descriptors when such vague information is the only information available. While these descriptors identify the occurrence of a neck injury, they do not specify its severity.</b>  |  |          |          |     |
| 300099.9  | <b>Injuries to the Neck NFS</b>  | 315099.9 | 315099.9 |     |
| 300999.9  | Died of neck injury without further substantiation of injuries or no autopsy confirmation of specific injuries | 315999.9 | 315999.9 |     |
| 311000.6  | <b>Decapitation</b>  | 311000.6 | 311000.6 | 1   |
| <b>Use this category if penetrating injury does not involve internal structures. Assign to External body region for calculating an ISS. If underlying anatomical structures are involved, code documented diagnoses only; do not use these generic descriptors.</b> |  |          |          |     |
| 316000.1  | <b>Penetrating injury NFS</b>  | 316000.1 | 316000.1 | 5   |
| 316002.1  | minor; superficial   | 316002.1 | 316002.1 | 5   |
| 316004.2  | tissue loss >25cm <sup>2</sup> <sup>j</sup>  | 316004.2 | 316004.2 | 5   |
| 316006.3  | blood loss >20% by volume  | 316006.3 | 316006.3 | 5   |
| <b>Use the following section for blunt soft tissue injuries to the Neck. Assign to External body region for calculating an ISS.</b>   |  |          |          |     |
| 310099.1  | <b>Skin/subcutaneous tissue/muscle NFS</b>   | 310099.1 | 310099.1 | 5   |
| 310202.1  | abrasion   | 310202.1 | 310202.1 | 5   |
| 310402.1  | contusion; hematoma  | 310402.1 | 310402.1 | 5   |
| 310600.1  | laceration NFS   | 310600.1 | 310600.1 | 5   |
| 310602.1  | minor; superficial   | 310602.1 | 310602.1 | 5   |
| 310604.2  | major; >10cm long <u>and</u> into subcutaneous tissue <sup>j</sup>   | 310604.2 | 310604.2 | 5   |
| 310606.3  | blood loss >20% by volume  | 310606.3 | 310606.3 | 5   |
| 310800.1  | avulsion NFS   | 310800.1 | 310800.1 | 5   |
| 310802.1  | minor; superficial; ≤25cm <sup>2</sup> <sup>j</sup>  | 310802.1 | 310802.1 | 5   |
| 310804.2  | major; tissue loss >25cm <sup>2</sup> <sup>j</sup>   | 310804.2 | 310804.2 | 5   |
| 310806.3  | blood loss >20% by volume  | 310806.3 | 310806.3 | 5   |

<sup>j</sup> Change in size of injury in AIS 2005

| AIS 2005       | Injury Description   | ⇒AIS98   | ⇐AIS98   | FCI |
|----------------|--|----------|----------|-----|
| <b>VESSELS</b> |  |          |          |     |
| 320099.9       | <b>Vascular Injury in Neck</b> NFS <sup>f</sup>  | None     | None     |     |
| 320299.3       | <b>Carotid artery [common, internal]</b> NFS   | 320299.3 | 320299.3 | 5   |
| 320202.3       | intimal tear, no disruption  | 320202.3 | 320202.3 | 5   |
| 320204.4       | neurological deficit (stroke) not head-injury related                                    | 320204.4 | 320204.4 | 1   |
| 320206.3       | laceration; perforation; puncture NFS  | 320206.3 | 320206.3 | 5   |
| 320208.3       | minor; superficial; incomplete circumferential involvement;<br>blood loss ≤20% by volume | 320208.3 | 320208.3 | 5   |
| 320209.3       | bilateral <sup>c</sup>   | 320208.3 | None     | 5   |
| 320210.4       | neurological deficit (stroke) not head-injury related                                    | 320210.4 | 320210.4 | 1   |
| 320211.4       | bilateral <sup>c</sup>   | 320210.4 | None     | 1   |
| 320212.4       | major; rupture; transection; segmental loss; blood loss >20% by volume                   | 320212.4 | 320212.4 | 5   |
| 320213.4       | bilateral <sup>c</sup>   | 320212.4 | None     | 5   |
| 320214.5       | neurological deficit (stroke) not head-injury related                                    | 320214.5 | 320214.5 | 1   |
| 320215.5       | bilateral <sup>c</sup>   | 320214.5 | None     | 1   |
| 320216.3       | with thrombosis (occlusion) secondary to trauma  | 320216.3 | 320216.3 | 5   |
| 320217.3       | bilateral <sup>c</sup>   | 320216.3 | None     | 5   |
| 320218.4       | neurological deficit (stroke) not head-injury related                                    | 320218.4 | 320218.4 | 1   |
| 320219.4       | bilateral <sup>c</sup>   | 320218.4 | None     | 1   |
| 320220.3       | thrombosis (occlusion) secondary to trauma from any lesion but laceration                | 320220.3 | 320220.3 | 5   |
| 320221.3       | bilateral <sup>c</sup>   | 320220.3 | None     | 5   |
| 320222.4       | neurological deficit (stroke) not head-injury related                                    | 320222.4 | 320222.4 | 1   |
| 320223.4       | bilateral <sup>c</sup>   | 320222.4 | None     | 1   |

<sup>c</sup> In previous editions of AIS, each injury was coded separately. AIS 2005 introduces “bilateral” for certain injury descriptions. Some bilateral injuries may affect severity levels and, therefore, the ISS for patients with those injuries.

<sup>f</sup> New descriptor in AIS 2005 that allows classification of trauma by body region, but does not allow assigning a severity code.

| <b>AIS 2005</b> | <b>Injury Description</b>  | <b>⇒AIS98</b>         | <b>⇐AIS98</b>         | <b>FCI</b> |
|-----------------|--|-----------------------|-----------------------|------------|
| 320499.2        | <b>Carotid artery [external] NFS</b><br>[includes <b>thyroid</b> ]                       | 320499.2              | 320499.2              | 5          |
| 320402.2        | intimal tear, no disruption  | 320402.2              | 320402.2              | 5          |
| 320404.2        | laceration; perforation; puncture NFS  | 320404.2              | 320404.2              | 5          |
| 320406.2        | minor; superficial; incomplete circumferential involvement;<br>blood loss ≤20% by volume | 320406.2              | 320406.2              | 5          |
| 320408.3        | major; rupture; transection; segmental loss; blood loss >20% by volume                   | 320408.3              | 320408.3              | 5          |
| 320410.2        | with thrombosis; (occlusion) secondary to trauma   | 320410.2              | 320410.2              | 5          |
| 320412.2        | thrombosis (occlusion) secondary to trauma from any lesion but laceration                | 320412.2              | 320412.2              | 5          |
| 321099.2        | <b>Vertebral artery NFS</b>  | 321099.2              | 321099.2              | 5          |
| 321002.2        | intimal tear, no disruption  | 321002.2              | 321002.2              | 5          |
| 321004.3        | neurological deficit (stroke) not head-injury related                                    | 321004.3              | 321004.3              | 2          |
| 321006.2        | laceration; perforation; puncture NFS  | 321006.2              | 321006.2              | 5          |
| 321008.2        | minor; superficial; incomplete circumferential involvement;<br>blood loss ≤20% by volume | 321008.2              | 321008.2              | 5          |
| 321010.3        | neurological deficit (stroke) not head-injury related                                    | 321010.3              | 321010.3              | 2          |
| 321012.3        | major; rupture; transection; blood loss >20% by volume                                   | 321012.3              | 321012.3              | 5          |
| 321014.4        | neurological deficit (stroke) not head-injury related                                    | 321014.4              | 321014.4              | 2          |
| 321015.5        | bilateral <sup>c</sup>   | 321014.4 <sup>b</sup> | None                  | 1          |
| 321016.4        | with thrombosis (occlusion) secondary to trauma  | 321016.3 <sup>b</sup> | 321016.3 <sup>b</sup> | 5          |
| 321017.5        | bilateral <sup>c</sup>   | 321016.3 <sup>b</sup> | None                  | 5          |
| 321018.3        | thrombosis (occlusion) secondary to trauma from any lesion but laceration                | 321018.3              | 321018.3              | 5          |
| 321020.4        | neurological deficit (stroke) not head-injury related                                    | 321020.4              | 321020.4              | 2          |
| 321021.5        | bilateral <sup>c</sup>   | 321020.4 <sup>b</sup> | None                  | 1          |

<sup>b</sup> Change in severity code in AIS 2005

<sup>c</sup> In previous editions of AIS, each injury was coded separately. AIS 2005 introduces “bilateral” for certain injury descriptors. Some bilateral injuries may affect severity levels and, therefore, the ISS for patients with those injuries.

| <b>AIS 2005</b> | <b>Injury Description</b>  | <b>⇒AIS98</b>         | <b>⇐AIS98</b> | <b>FCI</b> |
|-----------------|--|-----------------------|---------------|------------|
| 320699.1        | <b>Jugular vein [external] NFS</b>   | 320699.1              | 320699.1      | 5          |
| 320602.1        | laceration; perforation; puncture NFS  | 320602.1              | 320602.1      | 5          |
| 320604.1        | minor; superficial; incomplete circumferential involvement;<br>blood loss ≤20% by volume | 320604.1              | 320604.1      | 5          |
| 320606.3        | major; rupture; transection; segmental loss; blood loss >20% by volume                   | 320606.3              | 320606.3      | 5          |
| 320899.1        | <b>Jugular vein [internal] NFS</b>   | 320899.1              | 320899.1      | 5          |
| 320802.2        | laceration; perforation; puncture NFS  | 320802.2              | 320802.2      | 5          |
| 320804.2        | minor; superficial; incomplete circumferential involvement;<br>blood loss ≤20% by volume | 320804.2              | 320804.2      | 5          |
| 320806.3        | major; rupture; transection; blood loss >20% by volume                                   | 320806.3              | 320806.3      | 5          |
| <b>NERVES</b>   |  |                       |               |            |
| 330099.1        | <b>Nerve Injury in Neck NFS<sup>a</sup></b>  | None                  | None          | 5          |
| 330299.2        | <b>Phrenic nerve injury</b>  | 330299.2              | 330299.2      | 4          |
| 330298.4        | bilateral <sup>c</sup>   | 330299.2 <sup>b</sup> | None          | 2          |
| 330499.1        | <b>Vagus nerve injury</b>  | 330499.1              | 330499.1      | 3          |
|                 | <b>See also Head, Thorax and Abdomen body regions.</b>                                   |                       |               |            |

<sup>a</sup> New descriptor in AIS 2005

<sup>b</sup> Change in severity level in AIS 2005

<sup>c</sup> In previous editions of AIS, each injury was coded separately. AIS 2005 introduces “bilateral” for certain injury descriptions. Some bilateral injuries may affect severity levels and, therefore, the ISS for patients with these injuries.

| AIS 2005               | Injury Description  | ⇒AIS98                | ⇐AIS98                | FCI |
|------------------------|---|-----------------------|-----------------------|-----|
| <b>INTERNAL ORGANS</b> |   |                       |                       |     |
| 340199.2               | <b>Esophagus injury in Neck NFS<sup>k</sup></b>   | 440899.2              | None                  | 5   |
|                        | <b>See also Thorax body region. Code to Neck if site NFS. If injury occurs at junction of neck and thorax (i.e., at sternal notch), assign to Neck.</b> |                       |                       |     |
| 340102.2               | contusion; hematoma [OIS I]   | 440802.2              | None                  | 5   |
| 340103.3               | ingestion injury NFS <sup>a</sup>   | 440899.2 <sup>b</sup> | None                  | 5   |
| 340104.3               | partial thickness necrosis <sup>a</sup>   | 440899.2 <sup>b</sup> | None                  | 5   |
| 340105.4               | full thickness necrosis <sup>a</sup>  | 440899.2 <sup>b</sup> | None                  | 5   |
| 340106.3               | laceration; tear NFS  | 440804.3              | None                  | 5   |
| 340107.3               | no perforation; partial thickness; ≤50% circumference [OIS I, II]   | 440806.3              | None                  | 5   |
| 340108.4               | perforation; full thickness; >50% circumference [OIS III]   | 440808.4              | None                  | 5   |
| 340109.5               | avulsion; rupture; transection; massive destruction [OIS IV, V]   | 440810.5              | None                  | 2   |
| 340299.2               | <b>Larynx, including thyroid and cricoid cartilage, NFS</b>   | 340299.2              | 340299.2              | 5   |
| 340202.2               | contusion; hematoma   | 340202.2              | 340202.2              | 5   |
| 340204.2               | laceration; puncture NFS  | 340204.2              | 340204.2              | 5   |
| 340206.2               | no perforation; partial thickness; mucosal tear   | 340206.2              | 340206.2              | 5   |
| 340208.3               | perforation; full thickness; "fracture"   | 340208.3              | 340208.3              | 5   |
| 340210.4               | vocal cord involvement  | 340210.4              | 340210.4              | 2   |
| 340212.5               | avulsion; rupture; transection; massive destruction; crush  | 340212.5              | 340212.5              | 2   |
| 340699.2               | <b>Pharynx or Retropharyngeal area, NFS</b>   | 340699.3 <sup>b</sup> | 340699.3 <sup>b</sup> | 5   |
| 340602.2               | contusion; hematoma NFS <sup>e</sup>  | 340602.3 <sup>b</sup> | 340602.3 <sup>b</sup> | 5   |
| 340603.2               | minor; ≤75% airway involvement  | 340602.3 <sup>b</sup> | None                  | 5   |
| 340605.3               | major; >75% airway involvement  | 340602.3              | None                  | 3   |
| 340604.2               | laceration; puncture NFS  | 340604.2              | 340604.2              | 5   |
| 340606.3               | no perforation; partial thickness; mucosal tear   | 340606.3              | 340606.3              | 5   |
| 340608.4               | perforation; full thickness   | 340608.4              | 340608.4              | 5   |
| 340610.5               | avulsion; rupture; transection; massive destruction; crush  | 340610.5              | 340610.5              | 1   |

<sup>a</sup> New descriptor in AIS 2005

<sup>b</sup> Change in severity code in AIS 2005

<sup>e</sup> In AIS 98, this injury description had only one severity level. In AIS 2005, it has several.

<sup>k</sup> Differentiation of esophageal and tracheal injuries between Neck and Thorax may affect severity levels and/or body regions and, therefore, the ISS for patients with those injuries.

| <b>AIS 2005</b>   | <b>Injury Description</b>   | <b>⇒AIS98</b>         | <b>⇐AIS98</b> | <b>FCI</b> |
|---|---|-----------------------|---------------|------------|
| 341099.2  | <b>Salivary gland</b> NFS   | 341099.2              | 341099.2      | 5          |
| 341002.3  | ductal involvement; transection   | 341002.3              | 341002.3      | 5          |
| 341499.1  | <b>Thyroid gland</b> NFS  | 341499.1              | 341499.1      | 5          |
| 341402.1  | contusion; hematoma   | 341402.1              | 341402.1      | 5          |
| 341404.2  | laceration  | 341404.2              | 341404.2      | 5          |
| 341699.2  | <b>Trachea injury in Neck</b> NFS <sup>k</sup>  | 442699.3 <sup>b</sup> | None          | 5          |
| <b>See also Thorax body region. Code to Neck if site NFS. If injury occurs at junction of neck and thorax (i.e., at sternal notch), assign to Neck.</b> |   |                       |               |            |
| 341602.2  | contusion; hematoma   | 442602.3 <sup>b</sup> | None          | 5          |
| 341604.2  | laceration; tear NFS  | 442604.3 <sup>b</sup> | None          | 5          |
| 341606.2  | no perforation; partial thickness   | 442606.3 <sup>b</sup> | None          | 5          |
| 341608.3  | perforation; full thickness; "fracture"   | 442608.4 <sup>b</sup> | None          | 5          |
| 341610.4  | avulsion; rupture; transection; massive destruction; crush; laryngeal-tracheal separation | 442610.5 <sup>b</sup> | None          | 2          |
| 341899.2  | <b>Vocal cord</b> NFS [not due to intubation]   | 341899.2              | 341899.2      | 5          |
| 341802.2  | unilateral  | 341802.2              | 341802.2      | 3          |
| 341804.3  | bilateral   | 341804.3              | 341804.3      | 2          |
| <b>SKELETAL</b>   |   |                       |               |            |
| 350200.2  | <b>Hyoid</b> fracture   | 350200.2              | 350200.2      | 5          |

<sup>b</sup> Change in severity code in AIS 2005

<sup>k</sup> Differentiation of esophageal and tracheal injuries between Neck and Thorax may affect severity levels and/or body regions and, therefore, the ISS for patients with those injuries.