**SUPPLEMENTAL TABLES**

**Table 1. The International Classification of Disease, 9th Revision, Clinical Modification (ICD-9-CM) Procedure Codes for Spinal Fusions and for Laminectomies.**

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| --- | --- | --- | --- |
| **Spinal Fusion** | | **Laminectomy** | |
| **ICD-9-CM** | **Description** | **ICD-9-CM** | **Description** |
| 81.00 | Spinal fusion, not otherwise specified | 03.01 | Removal of foreign body from spinal canal |
| 81.01 | Atlas-axis spinal fusion | 03.02 | Reopening of laminectomy site |
| 81.02 | Other cervical fusion, anterior technique | 03.09 | Other exploration and decompression of spinal canal |
| 81.03 | Other cervical fusion, posterior technique | 80.50 | Excision or destruction of intervertebral disc, unspecified |
| 81.04 | Dorsal and dorsolumbar fusion, anterior technique | 80.51 | Excision of intervertebral disc |
| 81.05 | Dorsal and dorsolumbar fusion, posterior technique | 80.53 | Repair of the anulus fibrosus with graft or prosthesis |
| 81.06 | Lumbar and lumbosacral fusion, anterior technique | 80.54 | Other and unspecified repair of the anulus fibrosus |
| 81.07 | Lumbar and lumbosacral fusion, lateral transverse process technique | 80.59 | Other destruction of intervertebral disc |
| 81.08 | Lumbar and lumbosacral fusion, posterior technique | 84.60 | Insertion of spinal disc prosthesis, not otherwise specified |
| 81.30 | Refusion of spine, not otherwise specified | 84.61 | Insertion of partial spinal disc prosthesis, cervical |
| 81.31 | Refusion of atlas axis spine | 84.62 | Insertion of total spinal disc prosthesis, cervical |
| 81.32 | Refusion of other cervical spine, anterior technique | 84.63 | Insertion of spinal disc prosthesis, thoracic |
| 81.33 | Refusion of other cervical fusion, posterior technique | 84.64 | Insertion of partial spinal disc prosthesis, lumbosacral |
| 81.34 | Refusion of dorsal and dorsolumbar fusion, anterior technique | 84.65 | Insertion of total spinal disc prosthesis, lumbosacral |
| 81.35 | Refusion of dorsal and dorsolumbar fusion, posterior technique | 84.66 | Revision or replacement of artificial spinal disc prosthesis, cervical |
| 81.36 | Refusion of lumbar and lumbosacral fusion, anterior technique | 84.67 | Revision or replacement of artificial spinal disc prosthesis, thoracic |
| 81.37 | Refusion of lumbar and lumbosacral fusion, lateral transverse process technique | 84.68 | Revision or replacement of artificial spinal disc prosthesis, lumbosacral |

**Table 1. Continued.**

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| --- | --- | --- | --- |
| **Spinal Fusion** | | **Laminectomy** | |
| **ICD-9-CM** | **Description** | **ICD-9-CM** | **Description** |
| 81.38 | Refusion of lumbar and lumbosacral fusion, posterior technique | 84.69 | Revision or replacement of artificial spinal disc prosthesis, not otherwise specified |
| 81.39 | Refusion of spine, not elsewhere classified | 84.80 | Insertion or replacement of interspinous process device(s) |
| 81.62 | Fusion or refusion of 2-3 vertebrae | 84.81 | Revision of interspinous process device(s) |
| 81.63 | Fusion or refusion of 4-8 vertebrae | 84.82 | Insertion or replacement of pedicle-based dynamic stabilization device(s) |
| 81.64 | Fusion or refusion of 9 or more vertebrae | 84.83 | Revision of pedicle-based dynamic stabilization device(s) |
| 84.51 | Insertion of interbody spinal fusion device | 84.84 | Insertion or replacement of facet replacement device(s) |
|  |  | 84.85 | Revision of facet replacement device(s) |

**Table 2. Organism Causing Surgical Site Infections after Spinal Operations.**

|  |  |
| --- | --- |
| **Organism(s)** | **Number of SSI**  **(N = 54)** |
| No culture | 7 |
| Gram-positive |  |
| CoNS | 5 |
| CoNS, *Candida parapsilosis* | 1 |
| CoNS, *Peptostreptococcus spp*. | 1 |
| *Enterococcus faecalis* | 2 |
| MRSA | 11 |
| MRSA, Group A Beta-hemolytic *Streptococcus* | 1 |
| MSSA | 9 |
| MSSA, Group B Beta-hemolytic *Streptococcus* | 1 |
| MSSA, CoNS | 2 |
| MSSA, *Enterococcus spp*. | 1 |
| *Propionibacterium acnes* | 2 |
| Gram-negative |  |
| *Acinetobacter baumannii* | 1 |
| *Escherichia coli* | 1 |
| *E. coli, Proteus mirabilis* | 1 |
| *Pseudomonas aeruginosa, Klebsiella oxytoca* | 1 |
| *Veillonella spp*. | 1 |
| Gram-positive and Gram-negative |  |
| CoNS, *K. oxytoca, P. aeruginosa* | 1 |
| *Enterococcus spp*., *E. coli, P. mirabilis* | 1 |
| MRSA, *E. coli* | 1 |
| MSSA, *Enterobacter cloacae* | 1 |
| MSSA, *Porphyromonas spp*. | 1 |
| MSSA*, Enterococcus spp*., *E. coli* | 1 |
| CoNS, coagulase-negative staphylococci; MRSA, methicillin-resistant *Staphylococcus aureus*; MSSA, methicillin-susceptible *S. aureus*; SSI, surgical site infection. | |