**Supplement B  
List of Surgeries and ICD-9 or CPT Codes**

The categories assumed to be associated with highest risk of SSI are listed before those with lower risk.

| ***Orthopedic Surgeries*** | ***ICD-9 or CPT Codes*** |
| --- | --- |
| Limb Amputation | ICD-9  84.00-84.19, 84.91  CPT  23900, 23920, 24900, 24920, 24930, 24931, 24940, 25900, 25905, 25909, 25920, 25922, 25924, 25927, 25929, 25931, 26551, 26910, 26951, 26952, 27290, 27295, 27590, 27591, 27592, 27598, 27880, 27882, 27884, 27886, 27888, 27889, 28800, 28805, 28810, 28820, 28825 |
| Plastic: hand reattachment | ICD-9  84.21-84.29, 84.3, 84.44, 84.48 |
| Open Reduction of Fracture | ICD-9  79.10-79.39, 79.50-79.59, 79.60-79.69, 79.80-79.89  CPT  23615, 23616, 23630, 23670, 23680, 24515, 24516, 24545, 24546, 24575, 24579, 24586, 24587, 24635, 24665, 24666, 24685, 25337, 25515, 25526, 25545, 25574, 25575, 25607, 25608, 25609, 25652, 27177, 27178, 27179, 27181, 27244, 27245, 27248, 27254, 27269, 27506, 27507, 27511, 27513, 27514, 27519, 27524, 27535, 27536, 27540, 27758, 27759, 27784,  27792, 27826, 27827, 27828, 27829 |
| Spinal fusion -- revision | ICD-9  81.30-81.39 |
| Spinal fusion -- primary | ICD-9  81.00-81.08  CPT  20930, 20931, 20936, 20937, 20938, 22532, 22533, 22534, 22548, 22551, 22552, 22554, 22556, 22558, 22585, 22586, 22590, 22595, 22600, 22610, 22612, 22614, 22630, 22632, 22633, 22634, 22800, 22802, 22804, 22808, 22810, 22812, 22840, 22842, 22851, 27280, 0195T, 0196T, 0309T |
| Other Spine | ICD-9  03.1, 03.29, 03.4, 03.51-03.59, 03.6, 84.51 |
| Fusion, Other Joint | ICD-9  81.11-81.18, 81.20-81.29 |
| Hip prosthesis -- revision | ICD-9  00.70-00.73, 81.53 |
| Hip prosthesis -- primary | ICD-9  00.85-00.87, 81.51, 81.52  CPT  27125, 27130, 27132, 27134, 27137, 27138, 27236 |
| Osteotomy | ICD-9  77.00-77.39, 77.60-77.99, 78.22-78.99, 79.90-79.99, 80.00-80.19, 80.40-80.49, 80.6, 80.70-80.99, 81.40-81.49, 81.57, 81.59, 81.71-81.79, 81.80-81.97 |
| Arthroplasty, other joint | ICD-9  81.56, 81.73, 81.84 |
| Knee prosthesis-- revision | ICD-9  00.80, 00.81, 00.82, 00.83, 00.84, 81.55 |
| Knee prosthesis—primary | ICD-9  81.54  CPT  27437, 27438, 27440, 27441, 27442, 27443, 27445, 27446, 27447, 27486, 27487 |
| Laminectomy | ICD-9  03.01-03.09, 80.50-80.59, 84.60-84.69, 84.80-84.85  CPT  22220, 22222, 22224, 22226, 22830, 22849, 22856, 22857, 22858, 22861, 22862, 61343, 62287, 62350, 62351, 63001, 63003, 63005, 63011, 63012, 63015, 63016, 63017, 63020, 63030, 63035, 63040, 63042, 63043, 63044, 63045, 63046, 63047, 63048, 63050, 63051, 63075, 63076, 63077, 63078, 63081, 63082, 63085, 63086, 63087, 63088, 63090, 63091, 63101, 63102, 63103, 63170, 63172, 63173, 63180, 63182, 63185, 63190, 63191, 63194, 63195, 63196, 63197, 63198, 0098T, 0163T, 0165T, 0171T, 0172T, 0219T, 0220T, 0221T, 0222T, 0274T, 0275T, 0375T |
| Peripheral/cranial nerve | ICD-9  04.01-04.12, 04.3, 04.41-04.49, 04.5, 04.6, 04.71-04.79, 04.91, 05.0, 05.21-05.29, 05.81-05.89, 05.9 |
| Bunion | ICD-9  77.51-77.59 |
| Facial bone/mandible | ICD-9  76.01-76.09, 76.2, 76.31-76.39, 76.41-76.46, 76.5, 76.61-76.69, 76.72, 76.74, 76.76, 76.77, 76.79, 76.91, 76.92, 76.94, 76.97 |

**ICD-9-CM and ICD-10 Diagnosis Codes for BSI and SSI**

BSI was defined as a positive *S. aureus* blood culture, or non-specific *S. aureus* cultures with evidence of venipuncture or an ICD-9-CM (or ICD-10 code) indicating BSI, SSIs were identified as a positive *S. aureus* culture from a source consistent with a wound infection.

|  |  |  |
| --- | --- | --- |
| ***Infection Type*** | ***ICD-9-CM*** | ***ICD-10-CM*** |
| Bloodstream Infection (BSI) | 790.7, 038.X | A40.%, A41.%, A41.01, A41.02, A41.2, A41.3, A41.4, A41.5%, A41.8%, A41.9, R78.81 |
| Surgical Site Infection (SSI) – microorganism distribution analysis | 324.1, 682.1, 996.60, 996.62, 996.63, 996.66, 996.67, 996.69, 998.51, 998.59 | G06.1, L03.221, L03.222, T85.79XA, T82.7XXA, T85.730A, T85.731A, T85.732A, T85.733A, T85.734A, T85.735A, T85.738A, T84.50XA, T84.60XA, T84.7XXA, T85.79XA, K68.11 |