**SUPPLEMENTAL DATA**

**Table 1:** ICD-9 Codes Utilized

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| **Variable** | **ICD-9-CM Code** |
| Spine metastases | 198.3, 198.4, 198.5 |
| Spine decompression and fusion | 03.0, 03.4, 03.09, 81.0, 81.00 – 81.08  |
| Smoking | 305.1, 649, 989.84, V15.82 |
| Dural injury | 998.2, 349.3, 349.31, 349.39 |
| Nerve cord injury | 997.01, 997.02, 997.09 |
| Acute post-hemorrhagic anemia | 285.1 |
| Hematoma | 998.11, 998.12, 998.13, 998.30 |
| Postoperative shock | 998.0 |
| Gastrointestinal  | 997.49 |
| Cardiac  | 997.1 |
| Genitourinary  | 997.5, 584, 584.5, 584.6, 584.8, 584.9, 996.64 |
| Respiratory  | 997.39 |
| Postoperative infection | 998.51, 998.59, 486, 599.0, 486, 599.0, 008.45 |
| Wound dehiscence | 998.31, 998.32 |
| Deep vein thrombosis | 451.1, 451.19, 451.2, 451.81, 451.9, 453.40, 453.41, 453.42, 453.9 |
| Pulmonary embolism | 415.11, 415.1, 415.19, 415.13, 415.12 |
| Sepsis | 038.0, 038.10, 038.11, 038.12, 038.19, 038.2, 038.3, 038.40, 038.41, 038.42, 038.43, 038.44, 038.49, 038.8, 038.9, 995.91, 995.92, 003.1, 020.2, 022.3, 036.2, 036.3, 054.5, 098.89, 112.5, 785.52, 998.02 |
| Acute pain | 338.1, 338.18, 338.19, 338.3 |
| Dehydration | 276.51, 276.52, 276.50 |
| Pathologic fracture | 733.10, 733.1, 733.13, 733.14, 733.19 |
| Acute respiratory failure | 518.81, 518.84 |
| Atrial fibrillation | 427.3, 427.31 |