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| **Appendix 1.** International Classification of Diseases, 9th Revision (ICD-9) codes and Current Procedural Terminology (CPT) codes used to identify orthopaedic patients who had undergone below knee surgery |
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| **Foot/Ankle Surgery** |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **CPT codes (n=138):** |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 27647 | 27690 | 28005 | 28008 | 28010 | 28011 | 28020 | 28022 | 28024 | 28035 | 28039 | 28050 | 28052 | 28054 | 28060 | 28062 | 28070 | 28072 |
| 28086 | 28088 | 28090 | 28092 | 28102 | 28103 | 28104 | 28106 | 28107 | 28108 | 28100 | 28110 | 28111 | 28112 | 28113 | 28114 | 28116 | 28118 |
| 28119 | 28120 | 28122 | 28124 | 28126 | 28140 | 28150 | 28153 | 28160 | 28171 | 28173 | 28175 | 28193 | 28192 | 28200 | 28202 | 28208 | 28210 |
| 28220 | 28222 | 28225 | 28226 | 28230 | 28232 | 28234 | 28238 | 28240 | 28250 | 28260 | 28261 | 28262 | 28264 | 28270 | 28272 | 28280 | 28285 |
| 28286 | 28288 | 28289 | 28290 | 28292 | 28293 | 28294 | 28296 | 28297 | 28298 | 28299 | 28300 | 28304 | 28305 | 28306 | 28307 | 28308 | 28309 |
| 28310 | 28312 | 28313 | 28315 | 28320 | 28322 | 28340 | 28341 | 28344 | 28345 | 28360 | 28406 | 28420 | 28446 | 28450 | 28455 | 28456 | 28465 |
| 28476 | 28485 | 28496 | 28505 | 28525 | 28531 | 28546 | 28555 | 28606 | 28615 | 28636 | 28645 | 28666 | 28675 | 28705 | 28715 | 28725 | 28730 |
| 28735 | 28737 | 28740 | 28750 | 28755 | 28760 | 28800 | 28805 | 28810 | 28820 | 28825 | 28899 |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **ICD-9-CM codes (n=50)** |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 77.08 | 77.28 | 77.38 | 77.51 | 77.52 | 77.53 | 77.54 | 77.56 | 77.57 | 77.58 | 77.59 | 77.68 | 77.78 | 77.88 | 77.98 | 78.07 | 78.08 | 78.28 |
| 78.38 | 78.48 | 78.58 | 78.68 | 78.78 | 78.88 | 78.98 | 79.28 | 79.27 | 79.37 | 79.38 | 79.67 | 79.68 | 79.88 | 79.97 | 79.98 | 80.08 | 80.18 |
| 80.28 | 80.88 | 80.98 | 81.12 | 81.13 | 81.14 | 81.15 | 81.16 | 81.17 | 81.57 | 84.11 | 84.12 | 84.25 | 84.26 |   |   |   |   |
| **Below Knee Surgery** |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **CPT codes (n=45):** |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 27600 | 27601 | 27602 | 27605 | 27606 | 27635 | 27638 | 27637 | 27640 | 27641 | 27645 | 27646 | 27650 | 27652 | 27654 | 27656 | 27658 | 27659 |
| 27664 | 27665 | 27687 | 27705 | 27707 | 27709 | 27712 | 27715 | 27720 | 27722 | 27724 | 27725 | 27740 | 27742 | 27745 | 27756 | 27758 | 27759 |
| 27784 | 27880 | 27881 | 27882 | 27884 | 27886 | 27892 | 27893 | 27894 |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **ICD-9-CM codes (n=22)** |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 77.07 | 77.27 | 77.37 | 77.67 | 77.77 | 77.87 | 77.97 | 78.27 | 78.37 | 78.47 | 78.57 | 78.67 | 78.77 | 78.87 | 78.97 | 79.26 | 79.36 | 79.56 |
| 79.66 | 79.96 | 84.15 | 84.27 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **Foot/Ankle with Below Knee surgery** |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **CPT codes (n=51):** |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 27607 | 27610 | 27612 | 27620 | 27625 | 27626 | 27675 | 27676 | 27680 | 27681 | 27685 | 27686 | 27691 | 27692 | 27695 | 27696 | 27698 | 27700 |
| 27702 | 27703 | 27704 | 27727 | 27730 | 27732 | 27734 | 27766 | 27769 | 27792 | 27814 | 27822 | 27823 | 27826 | 27827 | 27828 | 27829 | 27832 |
| 27845 | 27846 | 27848 | 27870 | 27871 | 27888 | 27889 | 28041 | 28047 | 28130 | 28302 | 28436 | 28445 | 28576 | 28585 |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **ICD-9-CM codes (n=14)** |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 79.87 | 80.07 | 80.17 | 80.27 | 80.87 | 80.97 | 81.1 | 81.11 | 81.18 | 81.49 | 81.56 | 81.94 | 84.13 | 84.14 |   |   |   |   |
| **Unspecified Codes (manually checked):** |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **CPT codes (n=1):** |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 27899 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |