

**Supplementary Table 1.** Anterior cervical decompression and fusion reoperation and complications International classification of diseases, 9th and 10th revisions codes

Reoperation	Code
Anterior revision	22551, 22552, 22554, 63076, 22585, 81.62, 81.63, 81.02, 0RG1070, 0RG10J0, 0RG10K0, 0RG1370, 0RG13J0, 0RG13K0, 0RG1470, 0RG14J0, 0RG14K0
Posterior fusion	22600, 22614, 22842, 81.03, 0RG1071, 0RG10J1, 0RG10K1, 0RG1371, 0RG13J1, 0RG13K1, 0RG1471, 0RG14J1, 0RG14K1, 0RG107J, 0RG10JJ, 0RG10KJ, 0RG137J, 0RG13JJ, 0RG13KJ, ,0RG147J, 0RG14JJ, 0RG14KJ
Other cervical surgery	
Decompression laminectomy	63045, 63048, 00NW4, 00NW3, 00NW0, 030*
Irrigation and Debridement	86.04, 0H96X0Z, 0H96XZZ, 0J9400Z,0J940ZZ, 0J9500Z, 0J9500Z, 0J970ZZ, 0J9700Z, 0W9K00Z, 0W9K0ZZ, 0W9K30Z, 0W9K40Z, 0W9K4ZZ
Removal of Hardware	0PP304Z, 0PP334Z, 0PP344Z, 78.69
90- day Complications	
Wound dehiscence	998.30, 998.31, 998.32, 998.33, T81.3*
Dysphonia	784.40, 784.41, 784.49, R49.0, R49.8, R49.9
Dysphagia	787.20, 787.21, 787.22, 787.23, 787.24, 787.29, R13.1*
Hematoma or seroma formation	998.12, 998.13, G97.63, G97.64, J95.862, J95.863, M96.842, M96.843, G97.31, G97.32, J95.61, J95.62, J95.861, L76.02, L76.32, M96.841