Appendix A. ICD-9 codes for Sports Types and Cervical Diagnoses assessed.

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| **ICD-9-CM Activity E-Codes** | **Sport Type** |
| 007, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079 | Team Sports |
| 003, 0030, 0031, 0032, 0033, 0039 | Winter/Ice Sports |
| 002, 0020, 0021, 0022, 0023, 0024, 0025, 0026, 0027, 0028, 0029 | Water Sports |
| 006, 0060, 0061, 0062, 0063, 0064, 0065, 0066, 0069 | Individual Sports |
| 008, 0080, 0081, 0084 | Martial Arts |
| 004, 0040, 0041, 0042, 0043, 0044, 0049 | Climbing Sports |
| 0010, 0011 | Running, walking |
| 0050, 0051, 0052, 0053, 0054, 0059 | Dancing and other rhythmic movements |
| 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098 | Other cardiorespiratory exercise (machines, calisthenics, etc) |
| 0100, 0101, 0102. 0103, 0109 | Other muscle strengthening exercise (push-ups, pull-ups, etc) |
| 8860, 9170, 9175 | Other unspecified sports activity |
|  |  |
| **ICD-9-CM Diagnosis Codes** | **Cervical Diagnosis** |
| 805, 8050, 80500, 80501, 80502, 80503, 80504 | Cervical Fracture (C1-C4) without SCI |
| 80505, 80506, 80507, 80508, 80509 | Cervical Fracture (C5-C7) without SCI |
| 806, 80600, 80601, 80602, 80603, 80604, 80610, 80611, 80612, 80613, 80614 | Cervical Fracture (C1-C4) with SCI |
| 80605, 80606, 80607, 80608, 80609, 80615, 80616, 80617, 80618, 80619 | Cervical Fracture (C5-C7) with SCI |
| 839, 8390, 83900, 83901, 83902, 83903, 83904, 83905, 83906, 83907, 83908, 83909, 83910, 83911,  83912, 83913, 83914, 83915, 83916, 83917, 83918 | Cervical Dislocation |
| 952, 9520, 95200, 95201, 95202, 95203, 95204, 95205, 95206, 95207, 95208, 95209, 9528, 9529 | Cervical SCIWORA |
| 8000 8001 8002 8003 8004 8005 8006 8007 8008 8009 8010 8011 8012 8013 8014 8015 8016 8017 8018 8019 8030 8031 8032 8033 8034 8035 8036 8037 8038 8039 8040 8041 8042 8043 8044 8045 8046 8047 8048 8049 850 8500 8501 8502 8503 8504 8505 8506 8507 8508 8509 8510 8511 8512 8513 8514 8515 8515 8516 8517 8518 8519 8520 8521 8522 8523 8524 8525 8526 8527 8528  8529 8530 8531 8532 8533 8534 8535 8536 8537 8538 8539 8540 8541 9501 9502 9503 | Traumatic Brain Injury (TBI) |