

**Supplementary Table 2** ICD-9 Codes Used for Readmission Reason Categorization

Category	ICD-9-CM code
Surgery-related complication	99859, 99749, 99889, 99811, 9986, 99813, 56962, 99812, 99832, 99831, 99851, 5643, 78062, 9972, 9982, 5642, 56969, 99739, 99779, 99799
Infection	0389, 486, 00845, 56722, 03842, 03849, 5990, 0380, 5720, 99664, 99932, 99931, 0383, 7907, 99669, 0030, 0090, 03810, 03840, 0388, 11284, 53641, 56729, 5679, 5761, 6822, 99665, 99939
Gastrointestinal dysfunction	5368, 5363, 5609, 5370, 5589, 56400, 5601, 53400, 53140, 53440, 53540, 53550, 53789, 5570, 5693, 5781, 5789, 5303, 53081, 53100, 53150, 53240, 53300, 53500, 53649, 5369, 5551, 5579, 56081, 56211, 5793, 78704, 7873, 78791
Failure to thrive	27651, 7837, 2761, 4580, 2630, 2639, 2738, 45829, 4589
Progression of disease	1579, 1570, 1572, 1578, 4578, 1571, 193, 1965, 1976, 2113
Venous thromboembolism/ Pulmonary embolism	41519, 452, 45341, 41511, 44421, 4532, 45340, 4536
Pain	78900, 33818, 78906, 78909, 78901, 78907, 56942, 78650
Diabetes-related	25080, 25002, 25060, 24911, 25003, 25012, 25013, 25070, 25082, 2512, 2513, 79029, 9623
Cardiac-related	42731, 42789, 41041, 41071, 4239, 4271, 42732, 42821, 42823, 42843, 43311, 43411, 44283
Pancreatico-biliary disorder	5770, 5772, 5778, 57420, 5762
Anemia & Other Hematologic disorder	28860, 2800, 2851, 2859
Planned	V5789, V554, V558, V5811, V5842
Other	5849, 78701, 78060, 78959, 5119, 5845, 5070, 5362, 5722, 2536, 44284, 51181, 82021, 9352, 96509, 99659, 25541, 28959, 2989, 38611, 4552, 4558, 49121, 49322, 5109, 5180, 51851, 51881, 5528, 570, 5715, 5734, 5738, 6238, 7802, 7804, 78079, 7820, 79092, 80102, 87364, 9331, 99674