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eTable 1. Procedures Included in the Analysis Were Identified by Current Procedural Terminology (CPT) and International Classification of Diseases, Ninth Revision (ICD-9) Codes
eTable 2. Complications Used to Evaluate Post-Operative Outcomes Were Identified Using International Classification of Diseases, Ninth Revision (ICD-9) Codes

This supplemental material has been provided by the authors to give readers additional information about their work.
**Table 1.** Procedures Included in the Analysis Were Identified by Current Procedural Terminology (CPT) and International Classification of Diseases, Ninth Revision (ICD-9) Codes

| Procedure                        | CPT Codes                      | ICD-9 Procedure Codes |
|----------------------------------|-------------------------------|-----------------------|
| Anterior Cruciate Ligament       | 27332, 27333, 29879, 29880,   | 80.06, 80.16, 80.26,  |
| Reconstruction                   | 29881, 29882, 29883, 29888    | 80.36, 80.46, 80.6,   |
|                                  |                               | 80.76, 80.86, 80.96,  |
|                                  |                               | 81.22, 81.42, 81.43,  |
|                                  |                               | 81.44, 81.46, 81.47   |
| Anti-Reflux Surgery              | 43280, 43327, 43328           | 44.67, 44.66          |
| Appendectomy                     | 44950, 44960, 44970           | 47.0, 47.01, 47.09    |
| Humerus Fracture Repair         | 24500, 24505, 24515, 24516,   | 79.01, 79.11, 79.21,  |
|                                  | 24530, 24535, 24538, 24545,   | 79.31                 |
|                                  | 24546, 24560, 24565, 24566,   |                       |
|                                  | 24575, 24576, 24577, 24579,   |                       |
|                                  | 24582                          |                       |
| Tympanostomy Tube Placement     | 69420, 69421, 69433, 69436    | 20.0, 20.01, 20.09    |
| Tonsillectomy and Adenoidectomy | 42820, 42821, 42825, 42826,   | 28.2, 28.3, 28.6      |
|                                  | 42830, 42831, 42835, 42836    |                       |
| Strabismus Surgery              | 67311, 67312, 67314, 67316,   | 15.11, 15.12, 15.13,  |
|                                  | 67318                          | 15.2, 15.21, 15.22,  |
|                                  |                                | 15.4                  |
| Posterior Spinal Fusion          | 22800, 22802, 22804           | 81.0, 81.00, 81.03,   |
|                                  |                                | 81.05, 81.08          |
| Cholecystectomy                  | 47562, 47563, 47564           | 51.23                 |
| Umbilical Hernia Repair         | 49580, 49585                   | 53.4, 54.41, 53.42,   |
|                                  |                                | 53.49                 |
**Table 2.** Complications Used to Evaluate Post-Operative Outcomes Were Identified Using International Classification of Diseases, Ninth Revision (ICD-9) Codes
For brevity, the * represents all fourth or fifth digits that could designate an ICD-9 code. For example, 4151* = 41511, 41512, and 41519.

| Complication                        | ICD-9 Code                                      |
|-------------------------------------|------------------------------------------------|
| Wound Complications                 | 998.83, 998.12, 998.13, 998.3, 998.6            |
| Superficial Surgical Site Infection | 998.32, 998.5, 998.51, 998.59                   |
| Deep/Organ-Space Surgical Site Infection | 998.31, 567.22, 998.59                      |
| Urinary Tract Infection            | 599.0, 996.64                                   |
| Renal Insufficiency                | 584*, 586*                                     |
| Pneumonia                           | 480*, 481, 482*, 483*, 484, 485, 486, 487.0, 997.31 |
| Respiratory Failure                | 518.5, 518.82                                   |
| Sepsis                              | 038*, 785.52, 790.7, 995.91, 995.92, 998.0     |
| Deep Vein Thrombosis               | 4534*, 453.9                                    |
| Pulmonary Embolism                  | 415.1, 415.19                                   |
| Myocardial Infarction              | 410*0, 410*1                                    |
| Cardiac Arrest                      | 427.5                                          |
| Intraoperative Complications        | 998.11 (bleeding), 998.2 (accidental puncture and laceration), 998.4 (retained foreign body) |