

NATIONAL QUALITY FORUM

Measure Evaluation 4.1 December 2009

This form contains the measure information submitted by stewards. Blank fields indicate no information was provided. Attachments also may have been submitted and are provided to reviewers. The subcriteria and most of the footnotes from the [evaluation criteria](#) are provided in Word comments within the form and will appear if your cursor is over the highlighted area. Hyperlinks to the evaluation criteria and ratings are provided in each section.

TAP/Workgroup (if utilized): Complete all **yellow highlighted** areas of the form. Evaluate the extent to which each subcriterion is met. Based on your evaluation, summarize the strengths and weaknesses in each section.

Note: If there is no TAP or workgroup, the SC also evaluates the subcriteria (**yellow highlighted areas**).

Steering Committee: Complete all **pink** highlighted areas of the form. Review the workgroup/TAP assessment of the subcriteria, noting any areas of disagreement; then evaluate the extent to which each major criterion is met; and finally, indicate your recommendation for the endorsement. Provide the rationale for your ratings.

Evaluation ratings of the extent to which the criteria are met

C = Completely (unquestionably demonstrated to meet the criterion)

P = Partially (demonstrated to partially meet the criterion)

M = Minimally (addressed BUT demonstrated to only minimally meet the criterion)

N = Not at all (NOT addressed; OR incorrectly addressed; OR demonstrated to NOT meet the criterion)

NA = Not applicable (only an option for a few subcriteria as indicated)

(for NQF staff use) NQF Review #: 0217	NQF Project: Surgery Endorsement Maintenance 2010
MEASURE DESCRIPTIVE INFORMATION	
De.1 Measure Title: Surgery Patients with Recommended Venous Thromboembolism (VTE) Prophylaxis Ordered	
De.2 Brief description of measure: Percentage of surgery patients with recommended Venous Thromboembolism (VTE) Prophylaxis ordered during admission	
1.1-2 Type of Measure: Process	
De.3 If included in a composite or paired with another measure, please identify composite or paired measure Paired with #218	
De.4 National Priority Partners Priority Area: Safety	
De.5 IOM Quality Domain: Safety	
De.6 Consumer Care Need: Staying healthy	

CONDITIONS FOR CONSIDERATION BY NQF	
Four conditions must be met before proposed measures may be considered and evaluated for suitability as voluntary consensus standards:	NQF Staff
A. The measure is in the public domain or an intellectual property (measure steward agreement) is signed. <i>Public domain only applies to governmental organizations. All non-government organizations must sign a measure steward agreement even if measures are made publicly and freely available.</i> A.1 Do you attest that the measure steward holds intellectual property rights to the measure and the right to use aspects of the measure owned by another entity (e.g., risk model, code set)? Yes A.2 Indicate if Proprietary Measure (as defined in measure steward agreement): A.3 Measure Steward Agreement: Government entity and in the public domain - no agreement necessary A.4 Measure Steward Agreement attached:	A Y ☐ N ☐
B. The measure owner/steward verifies there is an identified responsible entity and process to maintain and update the measure on a schedule that is commensurate with the rate of clinical innovation, but at least	B Y ☐

every 3 years. Yes, information provided in contact section	N ☐
C. The intended use of the measure includes <u>both</u> public reporting <u>and</u> quality improvement. ► Purpose: Public reporting, Internal quality improvement Accountability, Payment incentive, Accreditation	C Y ☐ N ☐
D. The requested measure submission information is complete. Generally, measures should be fully developed and tested so that all the evaluation criteria have been addressed and information needed to evaluate the measure is provided. Measures that have not been tested are only potentially eligible for a time-limited endorsement and in that case, measure owners must verify that testing will be completed within 12 months of endorsement. D.1 Testing: Yes, fully developed and tested D.2 Have NQF-endorsed measures been reviewed to identify if there are similar or related measures? Yes	D Y ☐ N ☐
(for NQF staff use) Have all conditions for consideration been met? Staff Notes to Steward (if submission returned):	Met Y ☐ N ☐
Staff Notes to Reviewers (issues or questions regarding any criteria):	
Staff Reviewer Name(s):	

TAP/Workgroup Reviewer Name:	
Steering Committee Reviewer Name:	
1. IMPORTANCE TO MEASURE AND REPORT	
Extent to which the specific measure focus is important to making significant gains in health care quality (safety, timeliness, effectiveness, efficiency, equity, patient-centeredness) and improving health outcomes for a specific high impact aspect of healthcare where there is variation in or overall poor performance. <i>Measures must be judged to be important to measure and report in order to be evaluated against the remaining criteria. (evaluation criteria)</i> 1a. High Impact (for NQF staff use) Specific NPP goal:	Eval Rating
1a.1 Demonstrated High Impact Aspect of Healthcare: Affects large numbers 1a.2 1a.3 Summary of Evidence of High Impact: There are over 30 million surgeries performed in the United States and prevention of perioperative venous thromboembolism is a major aspect of clinical care for the surgical patient. One study of patients discharged from 944 acute care hospitals in America found that postoperative VTE was the second most common medical complication and the third most common cause of excess mortality(1). Randomized clinical trials provide evidence that primary thromboprophylaxis reduces DVT and PE(2). PE is the most common preventable cause of patient death(3). Without prophylaxis, DVT occurs in almost 20% of major surgeries(4). Orthopedic patients experience a higher rate at 40- 60% (5) 1a.4 Citations for Evidence of High Impact: 1. Zhan C, Miller MR. Excess length of stay, charges, and mortality attributable to medical injuries during hospitalization. JAMA 2003; 290: 1868-1874. 2. Geerts WH, Pineo GJ, Heit JA, et al. Prevention of venous thromboembolism: the Seventh ACCP Conference on Antithrombotic and Thrombolytic Therapy. Chest 2004; 126:338S-400S. 3. Shojania KG, Duncan BW, McDonald KM, et al. Making health care safer: a critical analysis of patient safety practices; evidence report/technology assessment No. 43. AHRQ Publication No. 01-E058, Rockville, MD. Agency for Healthcare Research and Quality. Available at: www.ahrq.gov/clinic/ptsafety/. 4. Heit JA, Silverstein MD, Mohr DN, et al. Risk factors for deep vein thrombosis and pulmonary embolism: a population-based case-control study. Arch Intern Med 2000; 160: 809-815. 5. Geerts, WJ, Bergqvist D, Pineo GF, et al. Prevention of venous thromboembolism: American College of Chest Physicians evidence-based clinical practice guidelines (8th edition). Chest 2008; 133: 381-453.	1a C ☐ P ☐ M ☐ N ☐

1b. Opportunity for Improvement 1b.1 Benefits (improvements in quality) envisioned by use of this measure: Routine administration of VTE prophylaxis reduces adverse patient outcomes while also decreasing costs in the surgical patient. Process measures for VTE prophylaxis will prompt facilities and clinicians to evaluate the systems in place to ensure appropriateness of administration, according to guidelines. 1b.2 Summary of data demonstrating performance gap (variation or overall poor performance) across providers: Hospital reported data from the clinical data warehouse for the first quarter in 2010 shows that facilities are providing recommended VTE prophylaxis 94.2% of the time. A national sample of 19,497 Medicare patients undergoing surgery in US hospitals during the first quarter of 2005 received recommended VTE prophylaxis 71.9% of the time. 1b.3 Citations for data on performance gap: From 3539 reporting hospitals nationally, the denominator was 139,743 with the numerator of 131,695. 1b.4 Summary of Data on disparities by population group: No disparities are publicly reported for this measure at this time. Performance on most of the core measures is relatively high. For many of the core measures, there are slight disparities but the absolute differences in performance by race are relatively small. Hispanics had lower rates for surgical care. 1b.5 Citations for data on Disparities: An attachment is provided with disparities information.	1b C ☐ P ☐ M ☐ N ☐
1c. Outcome or Evidence to Support Measure Focus 1c.1 Relationship to Outcomes (<i>For non-outcome measures, briefly describe the relationship to desired outcome. For outcomes, describe why it is relevant to the target population</i>): Routine administration of VTE prophylaxis reduces adverse patient outcomes while also decreasing costs in the surgical patient. Without prophylaxis, the incidence of VTE is about 10-40% in general surgery patients and between 40 and 60% in orthopedic surgery patients. 1c.2-3. Type of Evidence: Evidence-based guideline, Randomized controlled trial, Expert opinion, Systematic synthesis of research, Meta-analysis 1c.4 Summary of Evidence (<i>as described in the criteria; for outcomes, summarize any evidence that healthcare services/care processes influence the outcome</i>): ACCP recommends that every hospital develop a formal strategy that addresses the prevention of VTE (Grade 1A). They recommend against the use of aspirin alone as thromboprophylaxis for any patient group (Grade 1A), and recommend that mechanical methods of thromboprophylaxis be used primarily for patients at high bleeding risk (Grade 1A) or possibly as an adjunct to anticoagulant thromboprophylaxis (Grade 2A). 1c.5 Rating of strength/quality of evidence (<i>also provide narrative description of the rating and by whom</i>): Grade 1A to Grade 2C 1c.6 Method for rating evidence: Strong recommendation, high-quality evidence, Grade 1A; Strong recommendation, moderate-quality evidence, Grade 1B; Strong recommendation, low or very low-quality evidence, Grade 1C; Weak recommendation, high-quality evidence, Grade 2A; Weak recommendation, moderate-quality evidence, Grade 2B; Weak recommendation, low or very low-quality evidence, Grade 2C. *The guideline developers use the wording recommend for strong (Grade 1) recommendations and suggest for weak (Grade 2) recommendations. 1c.7 Summary of Controversy/Contradictory Evidence: A guideline on the prevention of symptomatic PE developed by the American Academy of Orthopedic Surgeons recommended monoprophyllaxis with aspirin for patients undergoing total hip or knee arthroplasty. That recommendation does not agree with the ACCP guidelines on VTE prevention.	1c C ☐ P ☐ M ☐ N ☐

1c.8 Citations for Evidence (other than guidelines): 1. Mismetti P, Laporte S, Darmon JY, et al. Meta-analysis of low molecular weight heparin in the prevention of venous thromboembolism in general surgery. *Br J Surg.* 2001;88:913-930.

2. Freedman KB, Brookenthal KR, Fitzgerald RH, Jr, et al. A meta-analysis of thromboembolic prophylaxis following elective total hip arthroplasty. *J Bone Joint Surg.* 2000;82-A:929-938.

3. Handoll HH, Farrar MJ, McBirnie J, et al. Heparin, low-molecular-weight heparin and physical methods for preventing deep vein thrombosis and pulmonary embolism following surgery for hip fractures. *Cochrane Database Syst Rev.* 2002(4):CD000305.

4. Zurawska U, Parasuraman S, Goldhaber SZ. Prevention of pulmonary embolism in general surgery patients. *Circulation.* 2007;115:e302-e307.

5. Agnelli G, Bergqvist D, Cohen AT, et al. Randomized clinical trial of postoperative fondaparinux versus perioperative dalteparin for prevention of venous thromboembolism in high-risk abdominal surgery. *Br J Surg.* 2005;92:1212-1220.

6. McKenna GS, Karthikesalingam A, Walsh SR, et al. Prevention of venous thromboembolism: improving practice in surgical patients. *Int J Surg.* 2009;7:50-53.

7. Iorio A, Agnelli G. Low-molecular-weight and unfractionated heparin for prevention of venous thromboembolism in neurosurgery: a meta-analysis. *Arch Intern Med.* 2000;160:2327-2332. PMID: 10927730.

8. Goldhaber SZ, Dunn K, MacDougall RC. New onset of venous thromboembolism among hospitalized patients at Brigham and Women's Hospital is caused more often by prophylaxis failure than by withholding treatment. *Chest.* 2000;118:1680-1684. PMID: 11115458.

9. O'Donnell M, Weitz JI. Thromboprophylaxis in surgical patients. *Can J Surg.* 2003; 46(2): 129-135. PMID: 12691354.

10. Janku GV, Paiement GD, Green HD. Prevention of venous thromboembolism in orthopaedics in the United States. *Clin Ortho & Related Research.* 1996:313-321. PMID: 8998892.

11. Koch A, Bouges S, Ziegler S, et al. Low molecular weight heparin and infractionated heparin in thrombosis prophylaxis after major surgical intervention: update of previous meta-analyses. *Br J Surg.* 1997;84:750-759. PMID: 9189079.

12. Palmer AJ, Schramm W, Kirchhof B, et al. Low molecular weight heparin and unfractionated heparin for prevention of thrombo-embolism in general surgery: a meta-analysis of randomised clinical trials. *Haemostasis.* 1997;27:65-74. PMID: 9212354.

13. Bratzler DW, Raskob GE, Murray CK, et al. Underuse of venous thromboembolism prophylaxis for general surgery patients: physician practices in the community hospital setting. *Arch Intern Med.* 1998;158:1909-1912. PMID: 9759687.

14. Vanek VW. Meta-analysis of effectiveness of intermittent pneumatic compression devices with a comparison of thigh-high to knee-high sleeves. *American Surgeon.* 1998;64:1050-1058. PMID: 9798767.

15. Heit JA, Silverstein MD, Mohr DN, Petterson TM, O'Fallon WM, Melton LJ, III. Risk factors for deep vein thrombosis and pulmonary embolism: a population-based case-control study. *Arch Intern Med* 2000;160:809-815.

1c.9 Quote the Specific guideline recommendation (including guideline number and/or page number): Every hospital should develop a strategy that addresses the prevention of VTE (Grade 1A). ACCP recommends against the use of aspirin alone as thromboprophylaxis for any patient group (Grade 1A), and recommends that mechanical methods of thromboprophylaxis be used primarily for patients at high bleeding risk (Grade 1A) or possibly as an adjunct to anticoagulant thromboprophylaxis (Grade 2A). For patients undergoing major general surgery, ACCP recommends thromboprophylaxis with a low-molecular-weight heparin (LMWH), low-dose unfractionated heparin (LDUH), or fondaparinux (each Grade 1A). Routine thromboprophylaxis for all patients undergoing major gynecologic surgery or major, open urologic procedures (Grade 1A for both groups), with LMWH, LDUH, fondaparinux, or intermittent pneumatic compression (IPC) is recommended. For patients undergoing elective hip or knee arthroplasty, one of the following three anticoagulant agents is recommended: LMWH, fondaparinux, or a vitamin K antagonist (VKA); international normalized ratio (INR) target, 2.5; range, 2.0 to 3.0 (each Grade 1A). For patients undergoing hip fracture surgery (HFS), the routine use of fondaparinux is recommended (Grade 1A), LMWH (Grade 1B), a VKA (target INR, 2.5; range, 2.0 to 3.0) [Grade 1B], or LDUH (Grade 1B). ACCP recommends that patients undergoing hip or knee arthroplasty or HFS receive thromboprophylaxis for a minimum of 10 days (Grade 1A); for hip arthroplasty and HFS, we recommend continuing thromboprophylaxis > 10 days and up to 35 days (Grade 1A).

1c.10 Clinical Practice Guideline Citation: Geerts, WJ, Bergqvist D, Pineo GF, et al. Prevention of venous thromboembolism: American College of Chest Physicians evidence-based clinical practice guidelines (8th

edition). Chest 2008; 133: 381-453. 1c.11 National Guideline Clearinghouse or other URL: http://www.guideline.gov/summary/summary.aspx?doc_id=12956&nbr=006665&string=vte+AND+prophylaxis 1c.12 Rating of strength of recommendation (also provide narrative description of the rating and by whom): Grade 1 recommendations are strong and indicate that the benefits do or do not outweigh risks, burden, and costs. Grade 2 suggestions imply that individual patient values may lead to different choices. 1c.13 Method for rating strength of recommendation (If different from USPSTF system, also describe rating and how it relates to USPSTF): The USPSTF assigns letter grades only. This guideline uses levels of evidence as well as grades of recommendations. 1c.14 Rationale for using this guideline over others: This guideline is exhaustive in its coverage of studies supporting the recommendations with over 700 references used.	
TAP/Workgroup: What are the strengths and weaknesses in relation to the subcriteria for <i>Importance to Measure and Report</i>?	1
Steering Committee: Was the threshold criterion, <i>Importance to Measure and Report</i>, met? Rationale:	1 Y ☐ N ☐
2. SCIENTIFIC ACCEPTABILITY OF MEASURE PROPERTIES	
Extent to which the measure, <u>as specified</u> , produces consistent (reliable) and credible (valid) results about the quality of care when implemented. (evaluation criteria)	Eval Ratin g
2a. MEASURE SPECIFICATIONS	
S.1 Do you have a web page where current detailed measure specifications can be obtained? S.2 If yes, provide web page URL: 2a. Precisely Specified	
2a.1 Numerator Statement (Brief, text description of the numerator - what is being measured about the target population, e.g. target condition, event, or outcome): Surgery patients with recommended VTE prophylaxis ordered during the admission 2a.2 Numerator Time Window (The time period in which cases are eligible for inclusion in the numerator): Anytime from hospital arrival to 24 hours after Anesthesia End Time. 2a.3 Numerator Details (All information required to collect/calculate the numerator, including all codes, logic, and definitions): Data Elements: Anesthesia Type VTE Prophylaxis	
2a.4 Denominator Statement (Brief, text description of the denominator - target population being measured): All selected surgery patients	
2a.5 Target population gender: Female , Male	
2a.6 Target population age range: greater than or equal to 18 years of age	
2a.7 Denominator Time Window (The time period in which cases are eligible for inclusion in the denominator): Entire inpatient admission	2a-spec C ☐ P ☐ M ☐ N ☐

2a.8 Denominator Details (All information required to collect/calculate the denominator - the target population being measured - including all codes, logic, and definitions):

Data Elements:

Admission Date

Anesthesia End Date

Anesthesia End Time

Anesthesia Start Date

Anesthesia Start Time

Birthdate

Clinical Trial

Discharge Date

ICD-9-CM Principal Diagnosis Code

ICD-9-CM Principal Procedure Code

Laparoscope

Perioperative Death

Preadmission Warfarin

Reason for Not Administering VTE Prophylaxis

2a.9 Denominator Exclusions (Brief text description of exclusions from the target population): Patients who are less than 18 years of age. Patients with procedures performed entirely by laparoscope. Patients whose total surgery time is less than or equal to 30 minutes

Patients who stayed less than or equal to 24 hours postoperatively. Burn patients (refer to Specifications Manual, National Healthcare Quality Measures, Appendix A, Table 5.14 for ICD-9-CM codes). Patients who are on warfarin prior to admission. Patients with contraindications to both mechanical and pharmacological prophylaxis. Patients whose ICD-9-CM Principal Procedure occurred prior to the date of admission

2a.10 Denominator Exclusion Details (All information required to collect exclusions to the denominator, including all codes, logic, and definitions):

Data Elements:

Laparoscope

Perioperative Death

Preadmission Warfarin

Reason for Not Administering VTE Prophylaxis

2a.11 Stratification Details/Variables (All information required to stratify the measure including the stratification variables, all codes, logic, and definitions):

No stratification except by surgery type and those are:

Intracranial neurosurgery, Appendix a, Table 5.17; General surgery, Appendix A, Table 5.19; Gynecologic Surgery, Appendix A, Table 5.20; Urologic Surgery, Appendix A, Table 5.21; Elective total hip, Appendix A, Table 5.22; Elective total knee, Appendix A, Table 5.23; Hip fracture surgery, Appendix A, Table 5.24

2a.12-13 Risk Adjustment Type: No risk adjustment necessary

2a.14 Risk Adjustment Methodology/Variables (List risk adjustment variables and describe conceptual models, statistical models, or other aspects of model or method):

N/A

2a.15-17 Detailed risk model available Web page URL or attachment:

2a.18-19 Type of Score: Rate/proportion

2a.20 Interpretation of Score: Better quality = Higher score

2a.21 Calculation Algorithm (Describe the calculation of the measure as a flowchart or series of steps):

Numerator: Surgery patients with recommended Venous Thromboembolism (VTE) prophylaxis ordered anytime from hospital arrival to 24 hours after Anesthesia End Time.

Denominator: All selected surgery patients.

Variable Key: Patient Age, Length of Stay (LOS), Surgery Length, Surgery Days

1.
Start processing. Run cases that are included in the Surgical Care Improvement Project (SCIP) Initial Patient Population and pass the edits defined in the Transmission Data Processing Flow: Clinical through this

measure.

2. Calculate Patient Age. The Patient Age, in years, is equal to the Admission Date minus the Birthdate. Use the month and day portion of admission date and birthdate to yield the most accurate age.

3. Check Patient Age

a. If Patient Age is less than 18 years, the case will proceed to a Measure Category Assignment of B and will not be in the Measure Population. Stop processing.

b. If Patient Age is greater than or equal to 18 years, continue processing and proceed to ICD-9-CM Principal Procedure Code.

4. Check ICD-9-CM Principal Procedure Code

a. If the ICD-9-CM Principal Procedure Code is not on Table 5.17, 5.19, 5.20, 5.21, 5.22, 5.23, or 5.24, the case will proceed to a Measure Category Assignment of B and will not be in the Measure Population. Stop processing.

b. If the ICD-9-CM Principal Procedure Code is on Table 5.17, 5.19, 5.20, 5.21, 5.22, 5.23, or 5.24, continue processing and proceed to ICD-9-CM Principal Diagnosis Code.

5. Check ICD-9-CM Principal Diagnosis Code

a. If the ICD-9-CM Principal Diagnosis Code is on Table 5.14, the case will proceed to a Measure Category Assignment of B and will not be in the Measure Population. Stop processing.

b. If the ICD-9-CM Principal Diagnosis Code is not on Table 5.14, continue processing and proceed to the LOS calculation.

6. Calculate LOS. LOS, in days, is equal to the Discharge Date minus the Admission Date

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Discharges 10-01-10 (4Q10) through 03-31-11 (1Q11) SCIP-VTE-1-12

7. Check LOS

a. If the LOS is less than or equal to 3 days, the case will proceed to a Measure Category Assignment of B and will not be in the Measure Calculation. Stop processing.

b. If the LOS is greater than 3 days, continue processing and proceed to Laparoscope.

8. Check Laparoscope

a. If Laparoscope is missing, the case will proceed to a Measure Category Assignment of X and will be rejected. Stop processing.

b. If Laparoscope equals 1 or 3, the case will proceed to a Measure Category Assignment of B and will not be in the Measure Population. Stop processing.

c. If Laparoscope equals 2, continue processing and proceed to Clinical Trial.

9. Check Clinical Trial

a. If Clinical Trial is missing, the case will proceed to a Measure Category Assignment of X and will be rejected. Stop processing.

b. If Clinical Trial equals Yes, the case will proceed to a Measure Category Assignment of B and will not be in the Measure Population. Stop processing.

c. If Clinical Trial equals No, continue processing and proceed to Preadmission Warfarin.

10. Check Preadmission Warfarin

a. If Preadmission Warfarin is missing, the case will proceed to a Measure Category Assignment of X and will be rejected. Stop processing.

b. If Preadmission Warfarin equals Yes, the case will proceed to a Measure Category Assignment of B and will not be in the Measure Population. Stop processing.

c. If Preadmission Warfarin equals No, continue processing and proceed to Anesthesia Start Date.

11. Check Anesthesia Start Date

a. If the Anesthesia Start Date is missing, the case will proceed to a Measure Category Assignment of X and will be rejected. Stop processing.

b. If the Anesthesia Start Date equals Unable To Determine, the case will proceed to a Measure Category Assignment of D and will be in the Measure Population. Stop processing.

c. If Anesthesia Start Date equals a Non Unable To Determine Value, continue processing and proceed to the Surgery Days calculation.

12. Calculate Surgery Days. Surgery Days, in days, is equal to the Anesthesia Start Date minus the Admission Date.

13. Check Surgery Days

a. If the Surgery Days is less than zero, the case will proceed to a Measure Category Assignment of B and will not be in the Measure Population. Stop processing.

b. If the Surgery Days is greater than or equal to zero, continue processing and proceed to Perioperative Death.

14. Check Perioperative Death

- a. If Perioperative Death is missing, the case will proceed to a Measure Category Assignment of X and will be rejected. Stop processing.
- b. If Perioperative Death equals Yes, the case will proceed to a Measure Category Assignment of B and will not be in the Measure Population. Stop processing.
- c. If Perioperative Death equals No, continue processing and proceed to Anesthesia Start Time.

15. Check Anesthesia Start Time

- a. If the Anesthesia Start Time is missing, the case will proceed to a Measure Category Assignment of X and will be rejected. Stop processing.
- b. If the Anesthesia Start Time equals Unable to Determine, the case will proceed to a Measure Category Assignment of D and will be in the Measure Population. Stop processing.
- c. If the Anesthesia Start Time equals a Non Unable to Determine Value, continue processing and proceed to Anesthesia End Date.

16. Check Anesthesia End Date

- a. If the Anesthesia End Date is missing, the case will proceed to a Measure Category Assignment of X and will be rejected. Stop processing.
- b. If the Anesthesia End Date equals Unable to Determine, the case will proceed to a Measure Category Assignment of D and will be in the Measure Population. Stop processing.
- c. If the Anesthesia End Date equals a Non Unable to Determine Value, continue processing and proceed to Anesthesia End Time.

17. Check Anesthesia End Time

- a. If the Anesthesia End Time is missing, the case will proceed to a Measure Category Assignment of X and will be rejected. Stop processing.
- b. If the Anesthesia End Time equals Unable to Determine, the case will proceed to a Measure Category Assignment of D and will be in the Measure Population. Stop processing.
- c. If the Anesthesia End Time equals a Non Unable to Determine Value, continue processing and proceed to the Surgery Length calculation.

18. Calculate Surgery Length. Surgery Length, in minutes, is equal to the Anesthesia End Date and Anesthesia End Time minus the Anesthesia Start Date and Anesthesia Start Time.

19. Check Surgery Length

- a. If the Surgery Length is less than or equal to 60 minutes, the case will proceed to a Measure Category Assignment of B and will not be in the Measure Population. Stop processing.
- b. If the Surgery Length is greater than 60 minutes, continue processing and proceed to Reason for Not Administering VTE Prophylaxis.

20. Check Reason for Not Administering VTE Prophylaxis

- a. If Reason for Not Administering VTE Prophylaxis is missing, the case will proceed to a Measure Category Assignment of X and will be rejected. Stop processing.
- b. If Reason for Not Administering VTE Prophylaxis equals 3, the case will proceed to a Measure Category Assignment of B and will not be in the Measure Population. Stop processing.
- c. If Reason for Not Administering VTE Prophylaxis equals 1, 2, or 4, continue processing and proceed to VTE Prophylaxis.

21. Check VTE Prophylaxis

- a. If no values are populated in the VTE grid, the case will proceed to a Measure Category Assignment of X and will be rejected. Stop processing.
- b. If VTE Prophylaxis equals A, the case will proceed to a Measure Category Assignment of D and will be in the Measure Population. Stop processing.
- c. If the VTE grid is populated with any of values 1, 2, 3, 4, 5, 6, 7, or 8, continue processing and proceed to recheck the ICD-9-CM Principal Procedure Code. Note: If VTE Prophylaxis field is populated with an allowable value of 1, 2, 3, 4, 5, 6, 7, or 8 and the corresponding VTE Timely field is Missing, the entire case will be rejected by The Joint Commission and Centers for Medicare and Medicaid Services (CMS) warehouses.

22. Recheck ICD-9-CM Principal Procedure Code

- a. If the ICD-9-CM Principal Procedure Code is on Tables 5.17, 5.20, 5.21, or 5.23, continue processing. Proceed to step 27 and recheck ICD-9-CM Principal Procedure Code for Tables 5.17, 5.20, 5.21, 5.22, 5.23, and 5.24. Do not check steps 23 through 26 for ICD-9-CM Principal Procedure Code for Tables 5.17, 5.20, 5.21, 5.22, 5.23, and 5.24 as steps 23 through 26 check for codes on Tables 5.19, 5.22, and 5.24 only.
- b. If the ICD-9-CM Principal Procedure Code is on Tables 5.19, 5.22, or 5.24, continue processing and recheck ICD-9-CM Principal Procedure Code.

23. Recheck ICD-9-CM Principal Procedure Code only if the ICD-9-CM Principal Procedure Code is not on Tables

5.17, 5.20, 5.21 or 5.23

a.If the ICD-9-CM Principal Procedure Code is on Table 5.19, continue processing and recheck VTE Prophylaxis.

b.If the ICD-9-CM Principal Procedure Code is on Tables 5.22 or 5.24, continue processing. Proceed to step 27 and recheck ICD-9-CM Principal Procedure Code for Tables 5.17, 5.20, 5.21, 5.22, 5.23, and 5.24. Do not recheck step 24 VTE Prophylaxis, step 25 Reason for Not Administering VTE Prophylaxis or step 26 Anesthesia Type.

24.Recheck VTE Prophylaxis only if the ICD-9-CM Principal Procedure Code is on Table 5.19

a.If any VTE Prophylaxis equals 1, 2, or 5, the case will proceed to a Measure Category Assignment of E and will be in the Numerator Population. Stop processing.

b.If none of the VTE Prophylaxis equals 1, 2, or 5, continue processing and proceed to recheck Reason for Not Administering VTE Prophylaxis.

25.Recheck Reason for Not Administering VTE Prophylaxis

a.If Reason for Not Administering VTE Prophylaxis equals 1 or 4, continue processing and proceed to Anesthesia Type.

1.If Anesthesia Type is missing, the case will proceed to a Measure Category Assignment of X and will be rejected. Stop processing.

2.If Anesthesia Type equals 1 or 4, the case will proceed to a Measure Category Assignment of D and will be in the Measure Population. Stop processing.

3.If Anesthesia Type equals 2 or 3, continue processing and recheck VTE Prophylaxis.

b.If Reason for Not Administering VTE Prophylaxis equals 2, continue processing and recheck VTE Prophylaxis.

26.Recheck VTE Prophylaxis

a.If any VTE Prophylaxis equals 3 or 4, the case will proceed to a Measure Category Assignment of E and will be in the Numerator Population. Stop processing.

b.If none of the VTE Prophylaxis equals 3 or 4, the case will proceed to a Measure Category Assignment of D and will be in the Measure Population. Stop processing.

27.Recheck ICD-9-CM Principal Procedure Code for Tables 5.17, 5.20, 5.21, 5.22, 5.23, and 5.24 only if ICD-9-CM Principal Procedure Code was not on Table 5.19

a.If the ICD-9-CM Principal Procedure Code is on Table 5.17, continue processing and recheck VTE Prophylaxis.

1.If any VTE Prophylaxis equals 1, 2, or 3, the case will proceed to a Measure Category Assignment of E and will be in the Numerator Population. Stop processing.

2.If none of the VTE Prophylaxis equals 1, 2, or 3, the case will proceed to a Measure Category Assignment of D and will be in the Measure Population. Stop processing.

b.If the ICD-9-CM Principal Procedure Code is on Tables 5.20, 5.21, 5.22, 5.23, or 5.24, continue processing and recheck ICD-9-CM Principal Procedure Code.

28.Recheck ICD-9-CM Principal Procedure Code for Tables 5.20, 5.21, 5.22, 5.23, and 5.24 only if the ICD-9-CM Principal Procedure Code was not on Tables 5.17 or 5.19

a.If the ICD-9-CM Principal Procedure Code is on Table 5.20, continue processing and recheck VTE Prophylaxis.

1.If any VTE Prophylaxis equals 1, 2, 3 or 5, the case will proceed to a Measure Category Assignment of E and will be in the Numerator Population. Stop processing.

2.If none of the VTE Prophylaxis equals 1, 2, 3, or 5, the case will proceed to a Measure Category Assignment of D and will be in the Measure Population. Stop processing.

b.If the ICD-9-CM Principal Procedure Code is on Tables 5.21, 5.22, 5.23, or 5.24, continue processing and recheck ICD-9-CM Principal Procedure Code.

29.Recheck ICD-9-CM Principal Procedure Code for Tables 5.21, 5.22, 5.23, and 5.24 only if the ICD-9-CM Principal Procedure Code is not on Tables 5.17, 5.19 or 5.20

a.If the ICD-9-CM Principal Procedure Code is on Table 5.21, continue processing and recheck VTE Prophylaxis.

1.If any VTE Prophylaxis equals 1, 2, 3, 4, or 5, the case will proceed to a Measure Category Assignment of E and will be in the Numerator Population. Stop processing.

2.If none of the VTE Prophylaxis equals 1, 2, 3, 4, or 5, the case will proceed to a Measure Category Assignment of D and will be in the Measure Population. Stop processing.

b. If the ICD-9-CM Principal Procedure Code is on Tables 5.22, 5.23, or 5.24, continue processing and recheck ICD-9-CM Principal Procedure Code.

30.Recheck ICD-9-CM Principal Procedure Code for Tables 5.22, 5.23, and 5.24 only if the ICD-9-CM Principal Procedure Code is not on Tables 5.17, 5.19, 5.20 or 5.21

- a.If the ICD-9-CM Principal Procedure Code is on Table 5.22, continue processing and recheck VTE Prophylaxis.
- b.If the ICD-9-CM Principal Procedure Code is on Tables 5.23 or 5.24, continue processing. Proceed to step 35 and recheck ICD-9-CM Principal Procedure Code for Tables 5.23 and 5.24. Do not recheck step 31, 32 and 34 VTE Prophylaxis or step 33 Reason for Not Administering VTE Prophylaxis.
- 31.Recheck VTE Prophylaxis only if the ICD-9-CM Principal Procedure Code is on Table 5.22
- a.If any VTE Prophylaxis equals 2, 5, 6, or 8, the case will proceed to a Measure Category Assignment of E and will be in the Numerator Population. Stop processing.
- b.If none of the VTE Prophylaxis equals 2, 5, 6, or 8, continue processing and proceed to recheck VTE Prophylaxis.
- 32.Recheck VTE Prophylaxis
- a.If any VTE Prophylaxis equals 1, continue processing and check ICD-9-CM Principal or Other Diagnosis Codes.
- 1.If any of the ICD-9-CM Principal or Other Diagnosis Codes is on Table 5.13, the case will proceed to a Measure Category Assignment of E and will be in the Numerator Population. Stop processing.
- 2.If none of the ICD-9-CM Principal or Other Diagnosis Codes is on Table 5.13, continue processing and recheck Reason for Not Administering VTE Prophylaxis.
- b.If none of the VTE Prophylaxis equals 1, continue processing and proceed to recheck Reason for Not Administering VTE Prophylaxis.
- 33.Recheck Reason for Not Administering VTE Prophylaxis
- a.If Reason for Not Administering VTE Prophylaxis equals 1 or 4, continue processing and recheck Anesthesia Type.
- 1.If Anesthesia Type is missing, the case will proceed to a Measure Category Assignment of X and will be rejected. Stop processing.
- 2.If Anesthesia Type equals 1 or 4, the case will proceed to a Measure Category Assignment of D and will be in the Measure Population. Stop processing.
- 3.If Anesthesia Type equals 2 or 3, continue processing and recheck VTE Prophylaxis.
- b.If Reason for Not Administering VTE Prophylaxis equals 2, continue processing and proceed to recheck VTE Prophylaxis.
- 34.Recheck VTE Prophylaxis
- a.If any VTE Prophylaxis equals 3 or 7, the case will proceed to a Measure Category Assignment of E and will be in the Numerator Population. Stop processing.
- b.If none of the VTE Prophylaxis equals 3 or 7, the case will proceed to a Measure Category Assignment of D and will be in the Measure Population. Stop processing.
- 35.Recheck ICD-9-CM Principal Procedure Code for Tables 5.23 and 5.24 only if the ICD-9-CM Principal Procedure Code was not on Tables 5.17, 5.19, 5.20, 5.21, or 5.22
- a.If the ICD-9-CM Principal Procedure Code is on Table 5.23, continue processing and recheck VTE Prophylaxis.
- 1.If Any VTE Prophylaxis is equal to 2, 3, 5, 6, 7, or 8, the case will proceed to a Measure Category Assignment of E and will be in the Numerator Population. Stop processing.
- 2.If None of the VTE Prophylaxis is equal to 2, 3, 5, 6, 7, or 8, the case will proceed to a Measure Category Assignment of D and will be in the Measure Population. Stop processing.
- b.If the ICD-9-CM Principal Procedure Code is on Table 5.24, continue processing and recheck VTE Prophylaxis.
- 36.Recheck VTE Prophylaxis
- a.If any VTE Prophylaxis equals 1, 2, 5, 6, or 8, the case will proceed to a Measure Category Assignment of E and will be in the Numerator Population. Stop processing.
- b If none of the VTE Prophylaxis equals 1, 2, 5, 6, or 8, continue processing and proceed to recheck Reason for Not Administering VTE Prophylaxis.
- 37.Recheck Reason for Not Administering VTE Prophylaxis
- a.If Reason for Not Administering VTE Prophylaxis equals 1 or 4, continue processing and recheck Anesthesia Type.
- 1.If Anesthesia Type is missing, the case will proceed to a Measure Category Assignment of X and will be rejected. Stop processing.
- 2.If Anesthesia Type equals 1 or 4, the case will proceed to a Measure Category Assignment of D and will be in the Measure Population. Stop processing.
- 3.If Anesthesia Type equals 2 or 3, continue processing and recheck VTE Prophylaxis.
- b.If Reason for Not Administering VTE Prophylaxis equals 2, continue processing and proceed to recheck VTE

Prophylaxis. 38.Recheck VTE Prophylaxis a.If any VTE Prophylaxis equals 3, 4, or 7, the case will proceed to a Measure Category Assignment of E and will be in the Numerator Population. Stop processing. b.If none of the VTE Prophylaxis equals 3, 4, or 7, the case will proceed to a Measure Category Assignment of D and will be in the Measure Population. Stop processing.	
2a.22 Describe the method for discriminating performance (e.g., significance testing): Benchmarks are established using the ABC methodology, based on the actual performance of the top facilities. ABC benchmarks identify superior performance and encourage poorer performers to improve. It is data-driven, peer-group performance feedback used to positively affect outcomes.	
2a.23 Sampling (Survey) Methodology <i>If measure is based on a sample (or survey), provide instructions for obtaining the sample, conducting the survey and guidance on minimum sample size (response rate):</i> The SCIP Topic Population (common to all SCIP measures) is defined as patients admitted to the hospital for inpatient acute care with an ICD-9-CM Principal Procedure Code for SCIP as defined in Appendix A, Table 5.10 and a Length of Stay (Discharge Date - Admission Date) <= 120 days. There are eight distinct strata or sub-populations within the SCIP Topic Population, each identified by a specific group of procedure codes. The patients in each stratum are counted in the Initial Patient Population of multiple measures.	
2a.24 Data Source <i>(Check the source(s) for which the measure is specified and tested)</i> Paper medical record/flow-sheet, Electronic Health/Medical Record	
2a.25 Data source/data collection instrument <i>(Identify the specific data source/data collection instrument, e.g. name of database, clinical registry, collection instrument, etc.):</i> Vendor tools (electronic) or CART. CART is available for download free at http://www.qualitynet.org/dcs/ContentServer?c=Page&pagename=QnetPublic%2FPage%2FQnetTier2&cid=1138900279093	
2a.26-28 Data source/data collection instrument reference web page URL or attachment: URL http://www.qualitynet.org/dcs/ContentServer?c=Page&pagename=QnetPublic%2FPage%2FQnetTier2&cid=1138900279093	
2a.29-31 Data dictionary/code table web page URL or attachment: URL http://www.qualitynet.org/dcs/ContentServer?c=Page&pagename=QnetPublic%2FPage%2FQnetTier4&cid=1228695698425	
2a.32-35 Level of Measurement/Analysis <i>(Check the level(s) for which the measure is specified and tested)</i> Facility/Agency, Population: national, Program: QIO, Can be measured at all levels	
2a.36-37 Care Settings <i>(Check the setting(s) for which the measure is specified and tested)</i> Hospital	
2a.38-41 Clinical Services <i>(Healthcare services being measured, check all that apply)</i>	
TESTING/ANALYSIS	
2b. Reliability testing 2b.1 Data/sample <i>(description of data/sample and size):</i> Measure has been used for reporting program since 2007. 2b.2 Analytic Method <i>(type of reliability & rationale, method for testing):</i> Feedback from the hospital abstractors and the independent validation team is collected and incorporated. Reports on mismatches between national abstractors and the independent abstraction/validation contractor are reviewed quarterly. Revisions to data element are made accordingly. 2b.3 Testing Results <i>(reliability statistics, assessment of adequacy in the context of norms for the test conducted):</i>	2b C ☐ P ☐ M ☐ N ☐

NA	
2c. Validity testing 2c.1 Data/sample (<i>description of data/sample and size</i>): The measure is reviewed by a Technical Expert panel quarterly for validity. Specifications (including codes and data elements) are modified every six months according to feedback provided by clinicians and hospital staff collecting the data for the measure. National performance of the measure is monitored by the measure steward with quarterly benchmarks of hospital submitte data developed for distribution by QIOs. 2c.2 Analytic Method (<i>type of validity & rationale, method for testing</i>): The TEP determines if the measure is still providing the information that it is intended to capture. 2c.3 Testing Results (<i>statistical results, assessment of adequacy in the context of norms for the test conducted</i>): NA	2c C ☐ P ☐ M ☐ N ☐
2d. Exclusions Justified 2d.1 Summary of Evidence supporting exclusion(s) : The exclusions to this measure were suggested by the TEP or are routine exclusions used by the SCIP measure set. 2d.2 Citations for Evidence : NA 2d.3 Data/sample (<i>description of data/sample and size</i>): NA 2d.4 Analytic Method (<i>type analysis & rationale</i>): NA 2d.5 Testing Results (<i>e.g., frequency, variability, sensitivity analyses</i>): NA	2d C ☐ P ☐ M ☐ N ☐ NA ☐
2e. Risk Adjustment for Outcomes/ Resource Use Measures 2e.1 Data/sample (<i>description of data/sample and size</i>): No risk adjustment performed. 2e.2 Analytic Method (<i>type of risk adjustment, analysis, & rationale</i>): NA 2e.3 Testing Results (<i>risk model performance metrics</i>): NA 2e.4 If outcome or resource use measure is not risk adjusted, provide rationale : NA	2e C ☐ P ☐ M ☐ N ☐ NA ☐
2f. Identification of Meaningful Differences in Performance 2f.1 Data/sample from Testing or Current Use (<i>description of data/sample and size</i>): Analysts review quarterly benchmarks and trends to identify differences in performance scores and investigate the possible causes. If measure specification (algorithms, data elements) are causing variation, they are reviewed for possible updates or revision. 2f.2 Methods to identify statistically significant and practically/meaningfully differences in performance (<i>type of analysis & rationale</i>): Analysts review quarterly benchmarks and trends to identify differences in performance scores and investigate the possible causes. If measure specifications (algorithms, data elements) are causing variation, they are reviewed for possible updates or revision. 2f.3 Provide Measure Scores from Testing or Current Use (<i>description of scores, e.g., distribution by</i>	2f C ☐ P ☐ M ☐ N ☐

quartile, mean, median, SD, etc.; identification of statistically significant and meaningful differences in performance): Q109:92.8 Q209:93.1 Q309:93.4 Q409:93.4 Q110: 94.2	
2g. Comparability of Multiple Data Sources/Methods 2g.1 Data/sample (description of data/sample and size): At this time, the data source is the inpatient medical record only. 2g.2 Analytic Method (type of analysis & rationale): NA 2g.3 Testing Results (e.g., correlation statistics, comparison of rankings): NA	2g C ☐ P ☐ M ☐ N ☐ NA ☐
2h. Disparities in Care 2h.1 If measure is stratified, provide stratified results (scores by stratified categories/cohorts): Measure is not stratified, but a disparities report is attached to submission. 2h.2 If disparities have been reported/identified, but measure is not specified to detect disparities, provide follow-up plans: See attached.	2h C ☐ P ☐ M ☐ N ☐ NA ☐
TAP/Workgroup: What are the strengths and weaknesses in relation to the subcriteria for Scientific Acceptability of Measure Properties?	2
Steering Committee: Overall, to what extent was the criterion, Scientific Acceptability of Measure Properties, met? Rationale:	2 C ☐ P ☐ M ☐ N ☐
3. USABILITY	
Extent to which intended audiences (e.g., consumers, purchasers, providers, policy makers) can understand the results of the measure and are likely to find them useful for decision making. (evaluation criteria)	Eval Rating
3a. Meaningful, Understandable, and Useful Information 3a.1 Current Use: In use 3a.2 Use in a public reporting initiative (disclosure of performance results to the public at large) (If used in a public reporting initiative, provide name of initiative(s), locations, Web page URL(s). If not publicly reported, state the plans to achieve public reporting within 3 years): Measure is used in Hospital Quality Reporting Program (formerly RHQDAPU) 3a.3 If used in other programs/initiatives (If used in quality improvement or other programs/initiatives, name of initiative(s), locations, Web page URL(s). If not used for QI, state the plans to achieve use for QI within 3 years): Measure is also used for accreditation by the Joint Commission. Testing of Interpretability (Testing that demonstrates the results are understood by the potential users for public reporting and quality improvement) 3a.4 Data/sample (description of data/sample and size): Measure is reported on a public website, Hospital Compare. Feedback on this website is collected through another contractor. 3a.5 Methods (e.g., focus group, survey, QI project):	3a C ☐ P ☐ M ☐ N ☐

Measure is reported on a public website, Hospital Compare. Feedback on this website is collected through another contractor.	
3a.6 Results (qualitative and/or quantitative results and conclusions): Measure is reported on a public website, Hospital Compare. Feedback on this website is collected through another contractor.	
3b/3c. Relation to other NQF-endorsed measures	
3b.1 NQF # and Title of similar or related measures: #218	
(for NQF staff use) Notes on similar/related <u>endorsed</u> or submitted measures:	
3b. Harmonization If this measure is related to measure(s) already <u>endorsed by NQF</u> (e.g., same topic, but different target population/setting/data source <u>or</u> different topic but same target population): 3b.2 Are the measure specifications harmonized? If not, why? There is a Joint Commission measure that covers hospitalized patients, but their measure excludes those undergoing surgery. There is no competition.	3b C ☐ P ☐ M ☐ N ☐ NA ☐
3c. Distinctive or Additive Value 3c.1 Describe the distinctive, improved, or additive value this measure provides to existing NQF-endorsed measures: Not applicable. 5.1 If this measure is similar to measure(s) already endorsed by NQF (i.e., on the same topic and the same target population), Describe why it is a more valid or efficient way to measure quality: Not applicable.	3c C ☐ P ☐ M ☐ N ☐ NA ☐
TAP/Workgroup: What are the strengths and weaknesses in relation to the subcriteria for <i>Usability</i> ?	3
Steering Committee: Overall, to what extent was the criterion, <i>Usability</i> , met? Rationale:	3 C ☐ P ☐ M ☐ N ☐
4. FEASIBILITY	
Extent to which the required data are readily available, retrievable without undue burden, and can be implemented for performance measurement. (<u>evaluation criteria</u>)	<u>Eval</u> <u>Ratin</u> <u>g</u>
4a. Data Generated as a Byproduct of Care Processes 4a.1-2 How are the data elements that are needed to compute measure scores generated? Coding/abstraction performed by someone other than person obtaining original information (E.g., DRG, ICD-9 codes on claims, chart abstraction for quality measure or registry)	4a C ☐ P ☐ M ☐ N ☐
4b. Electronic Sources 4b.1 Are all the data elements available electronically? (elements that are needed to compute measure scores are in defined, computer-readable fields, e.g., electronic health record, electronic claims) No 4b.2 If not, specify the near-term path to achieve electronic capture by most providers. Measure will be retooled for EHR collection in the near future.	4b C ☐ P ☐ M ☐ N ☐
4c. Exclusions 4c.1 Do the specified exclusions require additional data sources beyond what is required for the numerator and denominator specifications?	4c C ☐ P ☐ M ☐

No	N ☐ NA ☐
4c.2 If yes, provide justification.	☐
4d. Susceptibility to Inaccuracies, Errors, or Unintended Consequences	4d
4d.1 Identify susceptibility to inaccuracies, errors, or unintended consequences of the measure and describe how these potential problems could be audited. If audited, provide results. No unintended consequences have been identified.	C ☐ P ☐ M ☐ N ☐
4e. Data Collection Strategy/Implementation	
4e.1 Describe what you have learned/modified as a result of testing and/or operational use of the measure regarding data collection, availability of data/missing data, timing/frequency of data collection, patient confidentiality, time/cost of data collection, other feasibility/ implementation issues: There have been no implementation issues identified.	
4e.2 Costs to implement the measure (costs of data collection, fees associated with proprietary measures): No information has been collected related to costs associated with implementation of this measure.	
4e.3 Evidence for costs: Data abstraction is usually performed by nurses in the Quality Improvement department of inpatient facilities.	4e
4e.4 Business case documentation: There have been no additions to the business case to support this measure since its implementation.	C ☐ P ☐ M ☐ N ☐
TAP/Workgroup: What are the strengths and weaknesses in relation to the subcriteria for <i>Feasibility</i> ?	4
Steering Committee: Overall, to what extent was the criterion, <i>Feasibility</i> , met? Rationale:	4 C ☐ P ☐ M ☐ N ☐
RECOMMENDATION	
(for NQF staff use) Check if measure is untested and only eligible for time-limited endorsement.	Time-limited ☐
Steering Committee: Do you recommend for endorsement? Comments:	Y ☐ N ☐ A ☐
CONTACT INFORMATION	
Co.1 Measure Steward (Intellectual Property Owner)	
Co.1 <u>Organization</u> Centers for Medicare & Medicaid Services, 7500 Security Boulevard , Mail Stop S3-01-02, Baltimore, Maryland, 21244-1850	
Co.2 <u>Point of Contact</u> Kristie, Baus, RN, MS, kristie.baus@cms.hhs.gov, 410-786-8161-	
Measure Developer If different from Measure Steward	
Co.3 <u>Organization</u> Centers for Medicare & Medicaid Services, 7500 Security Boulevard, Mail Stop S3-01-02, Baltimore, Maryland, 21244-1850	

Co.4 Point of Contact Kristie, Baus, RN, MS, kristie.baus@cms.hhs.gov , 410-786-8161-
Co.5 Submitter If different from Measure Steward POC Wanda, Johnson, RN, wjohnson@ofmq.com , 405-302-3278-, CMS
Co.6 Additional organizations that sponsored/participated in measure development Oklahoma Foundation for Medical Quality under contract to CMS.
ADDITIONAL INFORMATION
Workgroup/Expert Panel involved in measure development Ad.1 Provide a list of sponsoring organizations and workgroup/panel members' names and organizations. Describe the members' role in measure development. Surgical Care Improvement Project VTE TEP . Names available from OFMQ. Leading guideline author Bill Geerts MD was instrumental in the development of these two VTE measures. He has been active on the TEP since its inception.
Ad.2 If adapted, provide name of original measure: NA Ad.3-5 If adapted, provide original specifications URL or attachment
Measure Developer/Steward Updates and Ongoing Maintenance Ad.6 Year the measure was first released: 2006 Ad.7 Month and Year of most recent revision: 10, 2010 Ad.8 What is your frequency for review/update of this measure? every six months Ad.9 When is the next scheduled review/update for this measure? 04, 2011
Ad.10 Copyright statement/disclaimers:
Ad.11 -13 Additional Information web page URL or attachment: Attachment Disparities Table_01_2009-634274316384644430.xls
Date of Submission (MM/DD/YY): 12/08/2010

Appendix A ICD-9-CM Code Tables

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Table 1.1 Acute Myocardial Infarction (AMI)	
Code	Shortened Description
410.00	AMI ANTEROLATERAL, UNSPEC
410.01	AMI ANTEROLATERAL, INIT
410.10	AMI ANTERIOR WALL, UNSPEC
410.11	AMI ANTERIOR WALL, INIT
410.20	AMI INFEROLATERAL, UNSPEC
410.21	AMI INFEROLATERAL, INIT
410.30	AMI INFEROPOST, UNSPEC
410.31	AMI INFEROPOST, INITIAL
410.40	AMI INFERIOR WALL, UNSPEC
410.41	AMI INFERIOR WALL, INIT
410.50	AMI LATERAL NEC, UNSPEC
410.51	AMI LATERAL NEC, INITIAL
410.60	TRUE POST INFARCT, UNSPEC
410.61	TRUE POST INFARCT, INIT
410.70	SUBENDO INFARCT, UNSPEC
410.71	SUBENDO INFARCT, INITIAL
410.80	AMI NEC, UNSPECIFIED
410.81	AMI NEC, INITIAL
410.90	AMI NOS, UNSPECIFIED
410.91	AMI NOS, INITIAL

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Table 1.2 Percutaneous Coronary Intervention (PCI)	
Code	Shortened Description
00.66	PTCA OR CORONARY ATHER

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Table 2.1 Heart Failure (HF)	
Code	Shortened Description
402.01	MAL HYPERT HRT DIS W HF
402.11	BENIGN HYP HT DIS W HF
402.91	HYP HT DIS NOS W HT FAIL
404.01	MAL HYP HT/KD I-IV W HF
404.03	MAL HYP HT/KD STG V W HF
404.11	BEN HYP HT/KD I-IV W HF
404.13	BEN HYP HT/KD STG V W HF
404.91	HYP HT/KD NOS I-IV W HF
404.93	HYP HT/KD NOS ST V W HF
428.0	CHF NOS
428.1	LEFT HEART FAILURE

Table 2.1 Heart Failure (HF)	
Code	Shortened Description
428.20	SYSTOLIC HRT FAILURE NOS
428.21	AC SYSTOLIC HRT FAILURE
428.22	CHR SYSTOLIC HRT FAILURE
428.23	AC ON CHR SYST HRT FAIL
428.30	DIASTOLC HRT FAILURE NOS
428.31	AC DIASTOLIC HRT FAILURE
428.32	CHR DIASTOLIC HRT FAIL
428.33	AC ON CHR DIAST HRT FAIL
428.40	SYST/DIAST HRT FAIL NOS
428.41	AC SYST/DIASTOL HRT FAIL
428.42	CHR SYST/DIASTL HRT FAIL
428.43	AC/CHR SYST/DIA HRT FAIL
428.9	HEART FAILURE NOS

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Table 2.2 Left Ventricular Assistive Device (LVAD) and Heart Transplant	
Code	Shortened Description
33.6	COMB HEART/LUNG TRANSPLA
37.51	HEART TRANSPLANTATION
37.52	IMP TOT INT BI HT RP SYS
37.53	REPL/REP THR UNT TOT HRT
37.54	REPL/REP OTH TOT HRT SYS
37.60	IMP BIVN EXT HRT AST SYS
37.62	INSRT NON-IMPL CIRC DEV
37.63	REPAIR HEART ASSIST SYS
37.65	IMP VENT EXT HRT AST SYS
37.66	IMPLANTABLE HRT ASSIST
37.68	PERCUTAN HRT ASSIST SYST

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Table 3.1 Pneumonia (PN)	
Code	Shortened Description
481	PNEUMOCOCCAL PNEUMONIA
482.0	K. PNEUMONIAE PNEUMONIA
482.1	PSEUDOMONAL PNEUMONIA
482.2	H.INFLUENZAE PNEUMONIA
482.30	STREPTOCOCCAL PNEUMN NOS
482.31	PNEUMONIA STRPTOCOCCUS A
482.32	PNEUMONIA STRPTOCOCCUS B
482.39	PNEUMONIA OTH STREP
482.40	STAPHYLOCOCCAL PNEU NOS
482.41	METH SUS PNEUM D/T STAPH
482.42	METH RES PNEU D/T STAPH

Table 3.1 Pneumonia (PN)	
Code	Shortened Description
482.49	STAPH PNEUMONIA NEC
482.82	PNEUMONIA E COLI
482.83	PNEUMO OTH GRM-NEG BACT
482.84	LEGIONNAIRES' DISEASE
482.89	PNEUMONIA OTH SPCF BACT
482.9	BACTERIAL PNEUMONIA NOS
483.0	PNEU MYCPLSM PNEUMONIAE
483.1	PNEUMONIA D/T CHLAMYDIA
483.8	PNEUMON OTH SPEC ORGNSM
485	BRONCHOPNEUMONIA ORG NOS
486	PNEUMONIA, ORGANISM NOS

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Table 3.2 Septicemia	
Code	Shortened Description
038.0	STREPTOCOCCAL SEPTICEMIA
038.10	STAPHYLCOCC SEPTICEM NOS
038.11	METH SUSC STAPH AUR SEPT
038.12	MRSA SEPTICEMIA
038.19	STAPHYLCOCC SEPTICEM NEC
038.2	PNEUMOCOCCAL SEPTICEMIA
038.3	ANAEROBIC SEPTICEMIA
038.40	GRAM-NEG SEPTICEMIA NOS
038.41	H. INFLUENAE SEPTICEMIA
038.42	E COLI SEPTICEMIA
038.43	PSEUDOMONAS SEPTICEMIA
038.44	SERRATIA SEPTICEMIA
038.49	GRAM-NEG SEPTICEMIA NEC
038.8	SEPTICEMIA NEC
038.9	SEPTICEMIA NOS

Last Updated: Version 3.2

Table 3.3 Respiratory Failure	
Code	Shortened Description
518.81	ACUTE RESPIRATORY FAILURE
518.84	ACUTE & CHRONC RESP FAIL

Last Updated: Version 3.2

Table 3.4 Cystic Fibrosis	
Code	Shortened Description
277.00	CYSTIC FIBROSIS W/O ILEUS

Table 3.4 Cystic Fibrosis	
Code	Shortened Description
277.01	CYSTIC FIBROSIS W ILEUS
277.02	CYSTIC FIBROSIS W PUL MAN
277.03	CYSTIC FIBROSIS W GI MAN
277.09	CYSTIC FIBROSIS NEC

Table 4.01 – Reserved for Future Use

Table 4.02 – Reserved for Future Use

Table 4.03 – Reserved for Future Use

Table 4.04 – Reserved for Future Use

Table 4.05 – Reserved for Future Use

Table 4.06 – Reserved for Future use

Last Updated: Version 3.2

Table 4.07 Cesarean Section	
Code	Shortened Description
74.0	CLASSICAL C-SECTION
74.1	LOW CERVICAL C-SECTION
74.2	EXTRAPERITONEAL C-SECT
74.4	CESAREAN SECTION NEC
74.99	CESAREAN SECTION NOS

Table 4.08 – Reserved for Future Use

Table 4.09 – Reserved for Future Use

Table 4.10 – Reserved for Future Use

Table 4.10.1 – Reserved for Future Use

Table 4.11 – Reserved for Future Use

Table 4.12 – Reserved for Future Use

Table 4.13 – Reserved for Future Use

Table 5.01 Coronary Artery Bypass Graft (CABG)	
Code	Shortened Description
36.10	AORTOCORONARY BYPASS NOS
36.11	AORTOCOR BYPAS-1 COR ART
36.12	AORTOCOR BYPAS-2 COR ART
36.13	AORTOCOR BYPAS-3 COR ART
36.14	AORTCOR BYPAS-4+ COR ART
36.15	1 INT MAM-COR ART BYPASS
36.16	2 INT MAM-COR ART BYPASS
36.17	ABD-CORON ARTERY BYPASS
36.19	HRT REVAS BYPS ANAS NEC

Table 5.02 Other Cardiac Surgery	
Code	Shortened Description
35.10	OPEN VALVULOPLASTY NOS
35.11	OPN AORTIC VALVULOPLASTY
35.12	OPN MITRAL VALVULOPLASTY
35.13	OPN PULMON VALVULOPLASTY
35.14	OPN TRICUS VALVULOPLASTY
35.20	REPLACE HEART VALVE NOS
35.21	REPLACE AORT VALV-TISSUE
35.22	REPLACE AORTIC VALVE NEC
35.23	REPLACE MITR VALV-TISSUE
35.24	REPLACE MITRAL VALVE NEC
35.25	REPLACE PULM VALV-TISSUE
35.26	REPLACE PULMON VALVE NEC
35.27	REPLACE TRIC VALV-TISSUE
35.28	REPLACE TRICUSP VALV NEC
35.31	PAPILLARY MUSCLE OPS
35.32	CHORDAE TENDINEAE OPS
35.33	ANNULOPLASTY
35.34	INFUNDIBULECTOMY
35.35	TRABECUL CARNEAE CORD OP
35.39	TISS ADJ TO VALV OPS NEC
35.42	CREATE SEPTAL DEFECT
35.50	PROSTH REP HRT SEPTA NOS
35.51	PROS REP ATRIAL DEF-OPN
35.53	PROS REP VENTRIC DEF-OPN
35.54	PROS REP ENDOCAR CUSHION
35.60	GRFT REPAIR HRT SEPT NOS
35.61	GRAFT REPAIR ATRIAL DEF
35.62	GRAFT REPAIR VENTRIC DEF
35.63	GRFT REP ENDOCAR CUSHION

Table 5.02 Other Cardiac Surgery	
Code	Shortened Description
35.70	HEART SEPTA REPAIR NOS
35.72	VENTR SEPTA DEF REP NEC
35.73	ENDOCAR CUSHION REP NEC
35.81	TOT REPAIR TETRAL FALLOT
35.82	TOTAL REPAIR OF TAPVC
35.83	TOT REP TRUNCUS ARTERIOS
35.84	TOT COR TRANSPOS GRT VES
35.91	INTERAT VEN RETRN TRANSP
35.92	CONDUIT RT VENT-PUL ART
35.93	CONDUIT LEFT VENTR-AORTA
35.94	CONDUIT ARTIUM-PULM ART
35.98	OTHER HEART SEPTA OPS
35.99	OTHER HEART VALVE OPS

Last Updated: Version 3.2

Table 5.03 Colon Surgery	
Code	Shortened Description
17.31	LAP MUL SEG RES LG INTES
17.32	LAPAROSCOPIC CECECTOMY
17.33	LAP RIGHT HEMICOLECTOMY
17.34	LAP RES TRANSVERSE COLON
17.35	LAP LEFT HEMICOLECTOMY
17.36	LAP SIGMOIDECTOMY
17.39	LAP PT EX LRG INTEST NEC
45.00	INTESTINAL INCISION NOS
45.03	LARGE BOWEL INCISION
45.49	DESTRUC LG BOWEL LES NEC
45.50	INTEST SEG ISOLAT NOS
45.71	OPN MUL SEG LG INTES NEC
45.72	OPEN CECECTOMY NEC
45.73	OPN RT HEMICOLECTOMY NEC
45.74	OPN TRANSV COLON RES NEC
45.75	OPN LFT HEMICOLECTMY NEC
45.76	OPEN SIGMOIDECTOMY NEC
45.79	PRT LG INTES EXC NEC/NOS
45.90	INTESTINAL ANASTOM NOS
45.92	SM BOWEL-RECT STUMP ANAS
45.93	SMALL-TO-LARGE BOWEL NEC
45.94	LG-TO-LG BOWEL ANASTOM
45.95	ANAL ANASTOMOSIS
46.03	LG BOWEL EXTERIORIZATION
46.04	RESECT EXT SEG LG BOWEL
46.13	PERMANENT COLOSTOMY
46.75	SUTURE LG BOWEL LACERAT

Table 5.03 Colon Surgery	
Code	Shortened Description
46.76	CLOSE LG BOWEL FISTULA
46.91	MYOTOMY OF SIGMOID COLON
46.92	MYOTOMY OF COLON NEC
46.94	REVISE LG BOWEL ANASTOM
48.50	ABDPERNEAL RES RECTM NOS
48.61	TRANSAC RECTOSIGMOIDECT
48.62	ANT RECT RESECT W COLOST
48.63	ANTERIOR RECT RESECT NEC
48.64	POSTERIOR RECT RESECTION
48.65	DUHAMEL RECTAL RESECTION
48.69	RECTAL RESECTION NEC

Last Updated: Version 3.2

Table 5.04 Hip Arthroplasty	
Code	Shortened Description
81.51	TOTAL HIP REPLACEMENT
81.52	PARTIAL HIP REPLACEMENT

Last Updated: Version 3.2

Table 5.05 Knee Arthroplasty	
Code	Shortened Description
81.54	TOTAL KNEE REPLACEMENT

Last Updated: Version 3.2

Table 5.06 Abdominal Hysterectomy	
Code	Shortened Description
68.31	LAP SCERVIC HYSTERECTOMY
68.49	TOTAL ABD HYST NEC/NOS
68.69	RADICAL ABD HYST NEC/NOS

Last Updated: Version 3.2

Table 5.07 Vaginal Hysterectomy	
Code	Shortened Description
68.51	LAP AST VAG HYSTERECTOMY
68.59	VAG HYSTERECTOMY NEC/NOS
68.79	RADICAL VAG HYST NEC/NOS

Table 5.08 Vascular Surgery	
Code	Shortened Description
38.14	ENDARTERECTOMY OF AORTA
38.16	ABDOMINAL ENDARTERECTOMY
38.18	LOWER LIMB ENDARTERECT
38.34	AORTA RESECTION & ANAST
38.36	ABD VESSEL RESECT/ANAST
38.37	ABD VEIN RESECT & ANAST
38.44	RESECT ABDOM AORTA W REPL
38.48	LEG ARTERY RESEC W REPLA
38.49	LEG VEIN RESECT W REPLAC
38.64	EXCISION OF AORTA
39.25	AORTA-ILIAC-FEMOR BYPASS
39.26	INTRA-ABDOMIN SHUNT NEC
39.29	VASC SHUNT & BYPASS NEC

Table 5.09 Infection	
Code	Shortened Description
001.0	CHOLERA D/T VIB CHOLERA
001.1	CHOLERA D/T VIB EL TOR
001.9	CHOLERA NOS
002.0	TYPHOID FEVER
002.1	PARATYPHOID FEVER A
002.2	PARATYPHOID FEVER B
002.3	PARATYPHOID FEVER C
002.9	PARATYPHOID FEVER NOS
003.0	SALMONELLA ENTERITIS
003.1	SALMONELLA SEPTICEMIA
003.20	LOCAL SALMONELLA INF NOS
003.21	SALMONELLA MENINGITIS
003.22	SALMONELLA PNEUMONIA
003.23	SALMONELLA ARTHRITIS
003.24	SALMONELLA OSTEOMYELITIS
003.29	LOCAL SALMONELLA INF NEC
003.8	SALMONELLA INFECTION NEC
003.9	SALMONELLA INFECTION NOS
004.0	SHIGELLA DYSENTERIAE
004.1	SHIGELLA FLEXNERI
004.2	SHIGELLA BOYDII
004.3	SHIGELLA SONNEI
004.8	SHIGELLA INFECTION NEC
004.9	SHIGELLOSIS NOS
006.0	AC AMEBIASIS W/O ABSCESS

Table 5.09 Infection	
Code	Shortened Description
006.1	CHR AMEBIASIS W/O ABSCESES
006.2	AMEBIC NONDYSENT COLITIS
006.3	AMEBIC LIVER ABSCESS
006.4	AMEBIC LUNG ABSCESS
006.5	AMEBIC BRAIN ABSCESS
006.6	AMEBIC SKIN ULCERATION
006.8	AMEBIC INFECTION NEC
006.9	AMEBIASIS NOS
007.1	GIARDIASIS
008.00	INTEST INFEC E COLI NOS
008.01	INT INF E COLI ENTRPATH
008.02	INT INF E COLI ENTRTOXGN
008.03	INT INF E COLI ENTRNVSV
008.04	INT INF E COLI ENTRHMRG
008.09	INT INF E COLI SPCF NEC
008.1	ARIZONA ENTERITIS
008.2	AEROBACTER ENTERITIS
008.3	PROTEUS ENTERITIS
008.41	STAPHYLOCOCC ENTERITIS
008.42	PSEUDOMONAS ENTERITIS
008.43	INT INFEC CAMPYLOBACTER
008.44	INT INF YRSNIA ENTRCLTCA
008.45	INT INF CLSTRDIUM DFCILE
008.46	INTES INFEC OTH ANEROBES
008.47	INT INF OTH GRM NEG BCTR
008.49	BACTERIAL ENTERITIS NEC
008.5	BACTERIAL ENTERITIS NOS
008.8	VIRAL ENTERITIS NOS
009.0	INFECTIOUS ENTERITIS NOS
009.1	ENTERITIS OF INFECT ORIG
009.2	INFECTIOUS DIARRHEA NOS
009.3	DIARRHEA OF INFECT ORIG
020.0	BUBONIC PLAGUE
020.1	CELLULOCUTANEOUS PLAGUE
020.2	SEPTICEMIC PLAGUE
020.3	PRIMARY PNEUMONIC PLAGUE
020.4	SECONDARY PNEUMON PLAGUE
020.5	PNEUMONIC PLAGUE NOS
020.8	OTHER TYPES OF PLAGUE
020.9	PLAGUE NOS
021.0	ULCEROGLANDUL TULAREMIA
021.1	ENTERIC TULAREMIA
021.2	PULMONARY TULAREMIA
021.3	OCULOGLANDULAR TULAREMIA
021.8	TULAREMIA NEC

Table 5.09 Infection	
Code	Shortened Description
021.9	TULAREMIA NOS
022.0	CUTANEOUS ANTHRAX
022.1	PULMONARY ANTHRAX
022.2	GASTROINTESTINAL ANTHRAX
022.3	ANTHRAX SEPTICEMIA
022.8	OTHER ANTHRAX MANIFEST
022.9	ANTHRAX NOS
023.0	BRUCELLA MELITENSIS
023.1	BRUCELLA ABORTUS
023.2	BRUCELLA SUIS
023.3	BRUCELLA CANIS
023.8	BRUCELLOSIS NEC
023.9	BRUCELLOSIS NOS
024	GLANDERS
025	MELIOIDOSIS
026.0	SPIRILLARY FEVER
026.1	STREPTOBACILLARY FEVER
026.9	RAT-BITE FEVER NOS
027.0	LISTERIOSIS
027.1	ERYSIPELOTHRIX INFECTION
027.2	PASTEURILLOSIS
027.8	ZOONOTIC BACT DIS NEC
027.9	ZOONOTIC BACT DIS NOS
030.0	LEPROMATOUS LEPROSY
030.1	TUBERCULOID LEPROSY
030.2	INDETERMINATE LEPROSY
030.3	BORDERLINE LEPROSY
030.8	LEPROSY NEC
030.9	LEPROSY NOS
031.0	PULMONARY MYCOBACTERIA
031.1	CUTANEOUS MYCOBACTERIA
031.2	DMAC BACTEREMIA
031.8	MYCOBACTERIAL DIS NEC
031.9	MYCOBACTERIAL DIS NOS
032.0	FAUCIAL DIPHTHERIA
032.1	NASOPHARYNX DIPHTHERIA
032.2	ANT NASAL DIPHTHERIA
032.3	LARYNGEAL DIPHTHERIA
032.81	CONJUNCTIVAL DIPHTHERIA
032.82	DIPHTHERITIC MYOCARDITIS
032.83	DIPHTHERITIC PERITONITIS
032.84	DIPHTHERITIC CYSTITIS
032.85	CUTANEOUS DIPHTHERIA
032.89	DIPHTHERIA NEC
032.9	DIPHTHERIA NOS

Table 5.09 Infection	
Code	Shortened Description
033.0	BORDETELLA PERTUSSIS
033.1	BORDETELLA PARAPERTUSSIS
033.8	WHOOPING COUGH NEC
033.9	WHOOPING COUGH NOS
034.0	STREP SORE THROAT
034.1	SCARLET FEVER
035	ERYSIPELAS
036.0	MENINGOCOCCAL MENINGITIS
036.1	MENINGOCOCC ENCEPHALITIS
036.2	MENINGOCOCCEMIA
036.3	MENINGOCOCC ADRENAL SYND
036.40	MENINGOCOCC CARDITIS NOS
036.41	MENINGOCOCC PERICARDITIS
036.42	MENINGOCOCC ENDOCARDITIS
036.43	MENINGOCOCC MYOCARDITIS
036.81	MENINGOCOCC OPTIC NEURIT
036.82	MENINGOCOCC ARTHROPATHY
036.89	MENINGOCOCCAL INFECT NEC
036.9	MENINGOCOCCAL INFECT NOS
037	TETANUS
038.0	STREPTOCOCCAL SEPTICEMIA
038.10	STAPHYLOCOCC SEPTICEM NOS
038.11	METH SUSC STAPH AUR SEPT
038.12	MRSA SEPTICEMIA
038.19	STAPHYLOCOCC SEPTICEM NEC
038.2	PNEUMOCOCCAL SEPTICEMIA
038.3	ANAEROBIC SEPTICEMIA
038.40	GRAM-NEG SEPTICEMIA NOS
038.41	H. INFLUENAE SEPTICEMIA
038.42	E COLI SEPTICEMIA
038.43	PSEUDOMONAS SEPTICEMIA
038.44	SERRATIA SEPTICEMIA
038.49	GRAM-NEG SEPTICEMIA NEC
038.8	SEPTICEMIA NEC
038.9	SEPTICEMIA NOS
039.0	CUTANEOUS ACTINOMYCOSIS
039.1	PULMONARY ACTINOMYCOSIS
039.2	ABDOMINAL ACTINOMYCOSIS
039.3	CERVICOFAC ACTINOMYCOSIS
039.4	MADURA FOOT
039.8	ACTINOMYCOSIS NEC
039.9	ACTINOMYCOSIS NOS
040.0	GAS GANGRENE
040.1	RHINOSCLEROMA
040.2	WHIPPLE'S DISEASE

Table 5.09 Infection	
Code	Shortened Description
040.3	NECROBACILLOSIS
040.81	TROPICAL PYOMYOSITIS
040.82	TOXIC SHOCK SYNDROME
040.89	BACTERIAL DISEASES NEC
041.00	STREPTOCOCCUS UNSPECF
041.01	STREPTOCOCCUS GROUP A
041.02	STREPTOCOCCUS GROUP B
041.03	STREPTOCOCCUS GROUP C
041.04	ENTEROCOCCUS GROUP D
041.05	STREPTOCOCCUS GROUP G
041.09	OTHER STREPTOCOCCUS
041.10	STAPHYLOCOCCUS UNSPCFIED
041.11	MTH SUS STPH AUR ELS/NOS
041.12	MRSA ELSEWHERE/NOS
041.19	OTHER STAPHYLOCOCCUS
041.2	PNEUMOCOCCUS INFECT NOS
041.3	KLEBSIELLA PNEUMONIAE
041.4	E. COLI INFECT NOS
041.5	H. INFLUENZAE INFECT NOS
041.6	PROTEUS INFECTION NOS
041.7	PSEUDOMONAS INFECT NOS
041.81	MYCOPLASMA
041.82	BACTEROIDES FRAGILIS
041.83	CLOSTRIDIUM PERFRINGENS
041.84	OTHER ANAEROBES
041.85	OTH GRAM NEGATV BACTERIA
041.86	HELICOBACTER PYLORI
041.89	OTH SPECF BACTERIA
041.9	BACTERIAL INFECTION NOS
051.2	CONTAGIOUS PUSTULAR DERM
073.0	ORNITHOSIS PNEUMONIA
073.7	ORNITHOSIS COMPLICAT NEC
073.8	ORNITHOSIS COMPLICAT NOS
073.9	ORNITHOSIS NOS
076.0	TRACHOMA, INITIAL STAGE
076.1	TRACHOMA, ACTIVE STAGE
076.9	TRACHOMA NOS
078.2	SWEATING FEVER
078.3	CAT-SCRATCH DISEASE
078.4	FOOT & MOUTH DISEASE
078.6	HEM NEPHROSONEPHRITIS
078.88	OTH SPEC DIS CHLAMYDIAE
079.88	OTH SPCF CHLAMYDIAL INFC
079.98	CHLAMYDIAL INFECTION NOS
082.40	EHRlichiosis NOS

Table 5.09 Infection	
Code	Shortened Description
082.41	EHRlichiosis chafeensis
082.49	EHRlichiosis NEC
082.8	TICK-BORNE Ricketts NEC
082.9	TICK-BORNE Ricketts NOS
083.2	Rickettsialpox
083.8	Rickettsioses NEC
083.9	Rickettsiosis NOS
088.0	Bartonellosis
088.81	Lyme disease
090.0	Early cong syph symptom
090.1	Early congen syph latent
090.2	Early congen syph NOS
090.3	Syphilitic keratitis
090.40	Juvenile neurosyph NOS
090.41	Congen syph encephalitis
090.42	Congen syph meningitis
090.49	Juvenile neurosyph NEC
090.5	Late congen syph symptom
090.6	Late congen syph latent
090.7	Late congen syph NOS
090.9	Congenital syphilis NOS
091.0	Primary genital syphilis
091.1	Primary anal syphilis
091.2	Primary syphilis NEC
091.3	Secondary syph skin
091.4	Syphilitic adenopathy
091.50	Syphilitic uveitis NOS
091.51	Syphilitic chorioretinitis
091.52	Syphilitic iridocyclitis
091.61	Syphilitic periostitis
091.62	Syphilitic hepatitis
091.69	Second syph viscera NEC
091.7	Second syphilis relapse
091.81	Acute syphil meningitis
091.82	Syphilitic alopecia
091.89	Secondary syphilis NEC
091.9	Secondary syphilis NOS
092.0	Early syph latent relaps
092.9	Early syphil latent NOS
093.0	Aortic aneurysm, syphil
093.1	Syphilitic aortitis
093.20	Syphil endocarditis NOS
093.21	Syphilitic mitral valve
093.22	Syphilitic aortic valve
093.23	Syphil tricuspid valve

Table 5.09 Infection	
Code	Shortened Description
093.24	SYPHIL PULMONARY VALVE
093.81	SYPHILITIC PERICARDITIS
093.82	SYPHILITIC MYOCARDITIS
093.89	CARDIOVASCULAR SYPH NEC
093.9	CARDIOVASCULAR SYPH NOS
094.0	TABES DORSALIS
094.1	GENERAL PARESIS
094.2	SYPHILITIC MENINGITIS
094.3	ASYMPTOMAT NEUROSYPHILIS
094.81	SYPHILITIC ENCEPHALITIS
094.82	SYPHILITIC PARKINSONISM
094.83	SYPH DISSEM RETINITIS
094.84	SYPHILITIC OPTIC ATROPHY
094.85	SYPH RETROBULB NEURITIS
094.86	SYPHIL ACOUSTIC NEURITIS
094.87	SYPH RUPT CEREB ANEURYSM
094.89	NEUROSYPHILIS NEC
094.9	NEUROSYPHILIS NOS
095.0	SYPHILITIC EPISCLERITIS
095.1	SYPHILIS OF LUNG
095.2	SYPHILITIC PERITONITIS
095.3	SYPHILIS OF LIVER
095.4	SYPHILIS OF KIDNEY
095.5	SYPHILIS OF BONE
095.6	SYPHILIS OF MUSCLE
095.7	SYPHILIS OF TENDON/BURSA
095.8	LATE SYMPT SYPHILIS NEC
095.9	LATE SYMPT SYPHILIS NOS
096	LATE SYPHILIS LATENT
097.0	LATE SYPHILIS NOS
097.1	LATENT SYPHILIS NOS
097.9	SYPHILIS NOS
098.0	ACUTE GC INFECT LOWER GU
098.10	GC (ACUTE) UPPER GU NOS
098.11	GC CYSTITIS (ACUTE)
098.12	GC PROSTATITIS (ACUTE)
098.13	GC ORCHITIS (ACUTE)
098.14	GC SEM VESICULIT (ACUTE)
098.15	GC CERVICITIS (ACUTE)
098.16	GC ENDOMETRITIS (ACUTE)
098.17	ACUTE GC SALPINGITIS
098.19	GC (ACUTE) UPPER GU NEC
098.2	CHR GC INFECT LOWER GU
098.30	CHR GC UPPER GU NOS
098.31	GC CYSTITIS, CHRONIC

Table 5.09 Infection	
Code	Shortened Description
098.32	GC PROSTATITIS, CHRONIC
098.33	GC ORCHITIS, CHRONIC
098.34	GC SEM VESICULITIS, CHR
098.35	GC CERVICITIS, CHRONIC
098.36	GC ENDOMETRITIS, CHRONIC
098.37	GC SALPINGITIS (CHRONIC)
098.39	CHR GC UPPER GU NEC
098.40	GONOCOCCAL CONJUNCTIVIT
098.41	GONOCOCCAL IRIDOCYCLITIS
098.42	GONOCOCCAL ENDOPHTHALMIA
098.43	GONOCOCCAL KERATITIS
098.49	GONOCOCCAL EYE NEC
098.50	GONOCOCCAL ARTHRITIS
098.51	GONOCOCCAL SYNOVITIS
098.52	GONOCOCCAL BURSITIS
098.53	GONOCOCCAL SPONDYLITIS
098.59	GC INFECT JOINT NEC
098.6	GONOCOCCAL INFEC PHARYNX
098.7	GC INFECT ANUS & RECTUM
098.81	GONOCOCCAL KERATOSIS
098.82	GONOCOCCAL MENINGITIS
098.83	GONOCOCCAL PERICARDITIS
098.84	GONOCOCCAL ENDOCARDITIS
098.85	GONOCOCCAL HEART DIS NEC
098.86	GONOCOCCAL PERITONITIS
098.89	GONOCOCCAL INF SITE NEC
099.0	CHANCROID
099.1	LYMPHOGRANULOMA VENEREUM
099.2	GRANULOMA INGUINALE
099.3	REITER'S DISEASE
099.40	UNSPCF NONGNCCL URETHRTS
099.41	CHLMYD TRACHOMATIS URETH
099.49	NONGC URTH OTH SPF ORGSM
099.50	OTH VD CHLM TRCH UNSP ST
099.51	OTH VD CHLM TRCH PHARYNX
099.52	OTH VD CHLM TRCH ANS RCT
099.53	OTH VD CHLM TRCH LOWR GU
099.54	OTH VD CHLM TRCH OTH GU
099.55	OT VD CHLM TRCH UNSPF GU
099.56	OT VD CHLM TRCH PRONEUM
099.59	OTH VD CHLM TRCH SPCF ST
099.8	VENEREAL DISEASE NEC
099.9	VENEREAL DISEASE NOS
100.0	LEPTOSPIROS ICTEROHEM
100.81	LEPTOSPIRAL MENINGITIS

Table 5.09 Infection	
Code	Shortened Description
100.89	LEPTOSPIRAL INFECT NEC
100.9	LEPTOSPIROSIS NOS
101	VINCENT'S ANGINA
102.0	INITIAL LESIONS YAWS
102.1	MULTIPLE PAPILLOMATA
102.2	EARLY SKIN YAWS NEC
102.3	HYPERKERATOSIS OF YAWS
102.4	GUMMATA AND ULCERS, YAWS
102.5	GANGOSA
102.6	YAWS OF BONE & JOINT
102.7	YAWS MANIFESTATIONS NEC
102.8	LATENT YAWS
102.9	YAWS NOS
103.0	PINTA PRIMARY LESIONS
103.1	PINTA INTERMED LESIONS
103.2	PINTA LATE LESIONS
103.3	PINTA MIXED LESIONS
103.9	PINTA NOS
104.0	NONVENEREAL ENDEMIC SYPH
104.8	SPIROCHETAL INFECT NEC
104.9	SPIROCHETAL INFECT NOS
130.0	TOXOPLASM MENINGOENCEPH
130.1	TOXOPLASM CONJUNCTIVITIS
130.2	TOXOPLASM CHORIORETINIT
130.3	TOXOPLASMA MYOCARDITIS
130.4	TOXOPLASMA PNEUMONITIS
130.5	TOXOPLASMA HEPATITIS
130.7	TOXOPLASMOSIS SITE NEC
130.8	MULTISYSTEM TOXOPLASMOS
131.00	UROGENITAL TRICHOMON NOS
131.01	TRICHOMONAL VAGINITIS
131.02	TRICHOMONAL URETHRITIS
131.03	TRICHOMONAL PROSTATITIS
131.09	UROGENITAL TRICHOMON NEC
131.8	TRICHOMONIASIS NEC
131.9	TRICHOMONIASIS NOS
320.0	HEMOPHILUS MENINGITIS
320.1	PNEUMOCOCCAL MENINGITIS
320.2	STREPTOCOCCAL MENINGITIS
320.3	STAPHYLOCOCC MENINGITIS
320.7	MENING IN OTH BACT DIS
320.81	ANAEROBIC MENINGITIS
320.82	MNINGTS GRAM-NEG BCT NEC
320.89	MENINGITIS OTH SPCF BACT
320.9	BACTERIAL MENINGITIS NOS

Table 5.09 Infection	
Code	Shortened Description
322.9	MENINGITIS NOS
323.1	RICKETTSIAL ENCEPHALITIS
324.0	INTRACRANIAL ABSCESS
324.1	INTRASPINAL ABSCESS
324.9	CNS ABSCESS NOS
380.10	INFECTION OF OTITIS EXTERNA NOS
380.11	ACUTE INFECTION OF PINNA
380.12	ACUTE SWIMMERS' EAR
380.13	ACUTE INFECTION OF EXTERNAL EAR NEC
380.14	MALIGNANT OTITIS EXTERNA
380.15	CHRONIC MYCOTIC OTITIS EXTERNA
380.16	CHRONIC INFECTION OF EXTERNAL EAR NEC
380.21	CHOLESTEATOMA EXTERNAL EAR
380.22	ACUTE OTITIS EXTERNA NEC
380.23	CHRONIC OTITIS EXTERNA NEC
382.00	ACUTE SUPPURATIVE OTITIS MEDIA NOS
382.01	ACUTE SUPPURATIVE OM WITH DRUM RUPTURE
382.02	ACUTE SUPPURATIVE OM IN OTHER DIS
382.1	CHRONIC TUBOTYMPAN SUPPURATIVE OM
382.2	CHRONIC ATTICOANTRAL SUPPURATIVE OM
421.0	ACUTE/SUBACUTE BACTERIAL ENDOCARDITIS
421.1	ACUTE ENDOCARDITIS IN OTHER DIS
421.9	ACUTE/SUBACUTE ENDOCARDITIS NOS
422.0	ACUTE MYOCARDITIS IN OTHER DIS
422.90	ACUTE MYOCARDITIS NOS
422.91	IDIOPATHIC MYOCARDITIS
422.92	SEPTIC MYOCARDITIS
422.93	TOXIC MYOCARDITIS
422.99	ACUTE MYOCARDITIS NEC
462	ACUTE PHARYNGITIS
463	ACUTE TONSILLITIS
464.00	ACUTE LARYNGITIS WITHOUT OBSTRUCTION
464.01	ACUTE LARYNGITIS WITH OBSTRUCTION
464.10	ACUTE TRACHEITIS WITHOUT OBSTRUCTION
464.11	ACUTE TRACHEITIS WITH OBSTRUCTION
464.20	ACUTE LARYNGOTRACHEITIS WITHOUT OBSTRUCTION
464.21	ACUTE LARYNGOTRACHEITIS WITH OBSTRUCTION
464.30	ACUTE EPIGLOTTITIS WITHOUT OBSTRUCTION
464.31	ACUTE EPIGLOTTITIS WITH OBSTRUCTION
464.50	SUPRAGLOTTITIS WITHOUT OBSTRUCTION NOS
464.51	SUPRAGLOTTITIS WITH OBSTRUCTION NOS
475	PERITONSILLARY ABSCESS
476.0	CHRONIC LARYNGITIS
476.1	CHRONIC LARYNGOTRACHEITIS
481	PNEUMOCOCCAL PNEUMONIA

Table 5.09 Infection	
Code	Shortened Description
482.0	K. PNEUMONIAE PNEUMONIA
482.1	PSEUDOMONAL PNEUMONIA
482.2	H.INFLUENZAE PNEUMONIA
482.30	STREPTOCOCCAL PNEUMN NOS
482.31	PNEUMONIA STRPTOCOCCUS A
482.32	PNEUMONIA STRPTOCOCCUS B
482.39	PNEUMONIA OTH STREP
482.40	STAPHYLOCOCCAL PNEU NOS
482.41	METH SUS PNEUM D/T STAPH
482.42	METH RES PNEU D/T STAPH
482.49	STAPH PNEUMONIA NEC
482.81	PNEUMONIA ANAEROBES
482.82	PNEUMONIA E COLI
482.83	PNEUMO OTH GRM-NEG BACT
482.84	LEGIONNAIRES' DISEASE
482.89	PNEUMONIA OTH SPCF BACT
482.9	BACTERIAL PNEUMONIA NOS
483.0	PNEU MYCPLSM PNEUMONIAE
483.1	PNEUMONIA D/T CHLAMYDIA
483.8	PNEUMON OTH SPEC ORGNSM
484.1	PNEUM W CYTOMEG INCL DIS
484.3	PNEUMONIA IN WHOOP COUGH
484.5	PNEUMONIA IN ANTHRAX
484.6	PNEUM IN ASPERGILLOSIS
484.7	PNEUM IN OTH SYS MYCOSES
484.8	PNEUM IN INFECT DIS NEC
485	BRONCHOPNEUMONIA ORG NOS
486	PNEUMONIA, ORGANISM NOS
487.0	INFLUENZA WITH PNEUMONIA
487.1	FLU W RESP MANIFEST NEC
487.8	FLU W MANIFESTATION NEC
490	BRONCHITIS NOS
491.0	SIMPLE CHR BRONCHITIS
491.1	MUCOPURUL CHR BRONCHITIS
491.20	OBST CHR BRONC W/O EXAC
491.21	OBS CHR BRONC W(AC) EXAC
491.22	OBS CHR BRONC W AC BRONC
491.8	CHRONIC BRONCHITIS NEC
491.9	CHRONIC BRONCHITIS NOS
510.0	EMPHYEMA WITH FISTULA
510.9	EMPHYEMA W/O FISTULA
513.0	ABSCESS OF LUNG
513.1	ABSCESS OF MEDIASTINUM
540.0	AC APPEND W PERITONITIS
540.1	ABSCESS OF APPENDIX

Table 5.09 Infection	
Code	Shortened Description
540.9	ACUTE APPENDICITIS NOS
541	APPENDICITIS NOS
542	OTHER APPENDICITIS
562.01	DVRTCLI SML INT W/O HMRG
562.11	DVRTCLI COLON W/O HMRHG
562.13	DVRTCLI COLON W HMRHG
566	ANAL & RECTAL ABSCESS
567.21	PERITONITIS (ACUTE) GEN
567.22	PERITONEAL ABSCESS
567.23	SPONTAN BACT PERITONITIS
567.29	SUPPURAT PERITONITIS NEC
567.31	PSOAS MUSCLE ABSCESS
567.38	RETROPERITON ABSCESS NEC
567.39	RETROPERITON INFECT NEC
567.81	CHOLEPERITONITIS
567.82	SCLEROSING MESENTERITIS
567.89	PERITONITIS NEC
567.9	PERITONITIS NOS
569.5	INTESTINAL ABSCESS
569.61	COLOSTY/ENTEROST INFECTN
575.0	ACUTE CHOLECYSTITIS
590.00	CHR PYELONEPHRITIS NOS
590.01	CHR PYELONEPH W MED NECR
590.10	AC PYELONEPHRITIS NOS
590.11	AC PYELONEPHR W MED NECR
590.2	RENAL/PERIRENAL ABSCESS
590.3	PYELOURETERITIS CYSTICA
590.80	PYELONEPHRITIS NOS
590.81	PYELONEPHRIT IN OTH DIS
590.9	INFECTION OF KIDNEY NOS
595.0	ACUTE CYSTITIS
599.0	URIN TRACT INFECTION NOS
601.0	ACUTE PROSTATITIS
601.1	CHRONIC PROSTATITIS
601.2	ABSCESS OF PROSTATE
601.3	PROSTATOCYSTITIS
601.4	PROSTATITIS IN OTH DIS
601.8	PROSTATIC INFLAM DIS NEC
601.9	PROSTATITIS NOS
614.0	AC SALPINGO-OOPHORITIS
614.1	CHR SALPINGO-OOPHORITIS
614.2	SALPINGO-OOPHORITIS NOS
614.3	ACUTE PARAMETRITIS
614.4	CHRONIC PARAMETRITIS
614.5	AC PELV PERITONITIS-FEM

Table 5.09 Infection	
Code	Shortened Description
614.7	CHR PELV PERITON NEC-FEM
616.2	BARTHOLIN'S GLAND CYST
616.3	BARTHOLIN'S GLND ABSCESS
616.4	ABSCESS OF VULVA NEC
639.0	POSTABORTION GU INFECT
646.60	GU INFECT IN PREG- UNSPEC
646.61	GU INFECTION-DELIVERED
646.62	GU INFECTION-DELIV W P/P
646.63	GU INFECTION-ANTEPARTUM
646.64	GU INFECTION-POSTPARTUM
670.00	MAJ PUERP INF NOS-UNSP
670.02	MAJ PUER INF NOS-DEL P/P
670.04	MAJOR PUERP INF NOS-P/P
674.30	OB SURG COMPL NEC-UNSPEC
674.32	OB SURG COMPL-DEL W P/P
674.34	OB SURG COMP NEC- POSTPAR
680.0	CARBUNCLE OF FACE
680.1	CARBUNCLE OF NECK
680.2	CARBUNCLE OF TRUNK
680.3	CARBUNCLE OF ARM
680.4	CARBUNCLE OF HAND
680.5	CARBUNCLE OF BUTTOCK
680.6	CARBUNCLE OF LEG
680.7	CARBUNCLE OF FOOT
680.8	CARBUNCLE, SITE NEC
680.9	CARBUNCLE NOS
681.00	CELLULITIS, FINGER NOS
681.01	FELON
681.02	ONYCHIA OF FINGER
681.10	CELLULITIS, TOE NOS
681.11	ONYCHIA OF TOE
681.9	CELLULITIS OF DIGIT NOS
682.0	CELLULITIS OF FACE
682.1	CELLULITIS OF NECK
682.2	CELLULITIS OF TRUNK
682.3	CELLULITIS OF ARM
682.4	CELLULITIS OF HAND
682.5	CELLULITIS OF BUTTOCK
682.6	CELLULITIS OF LEG
682.7	CELLULITIS OF FOOT
682.8	CELLULITIS, SITE NEC
682.9	CELLULITIS NOS
683	ACUTE LYMPHADENITIS
684	IMPETIGO
685.0	PILONIDAL CYST W ABSCESS

Table 5.09 Infection	
Code	Shortened Description
685.1	PILONIDAL CYST W/O ABSC
686.00	PYODERMA NOS
686.01	PYODERMA GANGRENOSUM
686.09	PYODERMA NEC
686.1	PYOGENIC GRANULOMA
686.8	LOCAL SKIN INFECTION NEC
686.9	LOCAL SKIN INFECTION NOS
711.90	INF ARTHRITIS NOS-UNSPEC
711.91	INF ARTHRITIS NOS-SHLDER
711.92	INF ARTHRITIS NOS-UP/ARM
711.93	INF ARTHRIT NOS-FOREARM
711.94	INF ARTHRIT NOS-HAND
711.95	INF ARTHRIT NOS-PELVIS
711.96	INF ARTHRIT NOS-L/LEG
711.97	INF ARTHRIT NOS-ANKLE
711.98	INF ARTHRIT NOS-OTH SITE
711.99	INF ARTHRITIS NOS-MULT
730.00	AC OSTEOMYELITIS-UNSPEC
730.01	AC OSTEOMYELITIS-SHLDER
730.02	AC OSTEOMYELITIS-UP/ARM
730.03	AC OSTEOMYELITIS-FOREARM
730.04	AC OSTEOMYELITIS-HAND
730.05	AC OSTEOMYELITIS-PELVIS
730.06	AC OSTEOMYELITIS-L/LEG
730.07	AC OSTEOMYELITIS-ANKLE
730.08	AC OSTEOMYELITIS NEC
730.09	AC OSTEOMYELITIS-MULT
730.10	CHR OSTEOMYELITIS-UNSP
730.11	CHR OSTEOMYELIT-SHLDER
730.12	CHR OSTEOMYELIT-UP/ARM
730.13	CHR OSTEOMYELIT-FOREARM
730.14	CHR OSTEOMYELIT-HAND
730.15	CHR OSTEOMYELIT-PELVIS
730.16	CHR OSTEOMYELIT-L/LEG
730.17	CHR OSTEOMYELIT-ANKLE
730.18	CHR OSTEOMYELIT NEC
730.19	CHR OSTEOMYELIT-MULT
730.20	OSTEOMYELITIS NOS-UNSPEC
730.21	OSTEOMYELITIS NOS-SHLDER
730.22	OSTEOMYELITIS NOS-UP/ARM
730.23	OSTEOMYELIT NOS-FOREARM
730.24	OSTEOMYELITIS NOS-HAND
730.25	OSTEOMYELITIS NOS-PELVIS
730.26	OSTEOMYELITIS NOS-L/LEG
730.27	OSTEOMYELITIS NOS-ANKLE

Table 5.09 Infection	
Code	Shortened Description
730.28	OSTEOMYELIT NOS-OTH SITE
730.29	OSTEOMYELITIS NOS-MULT
730.30	PERIOSTITIS-UNSPEC
730.31	PERIOSTITIS-SHLDER
730.32	PERIOSTITIS-UP/ARM
730.33	PERIOSTITIS-FOREARM
730.34	PERIOSTITIS-HAND
730.35	PERIOSTITIS-PELVIS
730.70	POLIO OSTEOPATHY-UNSPEC
730.71	POLIO OSTEOPATHY-SHLDER
730.72	POLIO OSTEOPATHY-UP/ARM
730.73	POLIO OSTEOPATHY-FOREARM
730.74	POLIO OSTEOPATHY-HAND
730.75	POLIO OSTEOPATHY-PELVIS
730.76	POLIO OSTEOPATHY-L/LEG
730.77	POLIO OSTEOPATHY-ANKLE
730.78	POLIO OSTEOPATHY NEC
730.79	POLIO OSTEOPATHY-MULT
730.80	BONE INFECT NEC-UNSPEC
730.81	BONE INFECT NEC-SHLDER
730.82	BONE INFECT NEC-UP/ARM
730.83	BONE INFECT NEC-FOREARM
730.84	BONE INFECT NEC-HAND
730.85	BONE INFECT NEC-PELVIS
730.86	BONE INFECT NEC-L/LEG
730.87	BONE INFECT NEC-ANKLE
730.88	BONE INFECT NEC-OTH SITE
730.89	BONE INFECT NEC-MULT
730.90	BONE INFEC NOS-UNSP SITE
730.91	BONE INFECT NOS-SHLDER
730.92	BONE INFECT NOS-UP/ARM
730.93	BONE INFECT NOS-FOREARM
730.94	BONE INFECT NOS-HAND
730.95	BONE INFECT NOS-PELVIS
730.96	BONE INFECT NOS-L/LEG
730.97	BONE INFECT NOS-ANKLE
730.98	BONE INFECT NOS-OTH SITE
730.99	BONE INFECT NOS-MULT
785.52	SEPTIC SHOCK
790.7	BACTEREMIA
996.60	REACTION-UNSP DEVIC/GRFT
996.61	REACT-CARDIAC DEV/GRAFT
996.62	REACT-OTH VASC DEV/GRAFT
996.63	REACT-NERV SYS DEV/GRAFT
996.64	REACT-INDWELL URIN CATH

Table 5.09 Infection	
Code	Shortened Description
996.65	REACT-OTH GENITOURIN DEV
996.66	REACT-INTER JOINT PROST
996.67	REACT-OTH INT ORTHO DEV
996.68	REACT- PERITON DIALY CATH
996.69	REACT-INT PROS DEVIC NEC
997.31	VENTLTR ASSOC PNEUMONIA
998.51	INFECTED POSTOP SEROMA
998.59	OTHER POSTOP INFECTION

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Table 5.10 Major Surgery	
Code	Shortened Description
00.70	REV HIP REPL-ACETAB/FEM
00.71	REV HIP REPL-ACETAB COMP
00.72	REV HIP REPL-FEM COMP
00.73	REV HIP REPL-LINER/HEAD
00.77	HIP SURFACE, CERMC/POLY
00.80	REV KNEE REPLACEMT-TOTAL
00.81	REV KNEE REPL-TIBIA COMP
00.82	REV KNEE REPL-FEMUR COMP
00.83	REV KNEE REPLACE-PATELLA
00.84	REV KNEE REPL-TIBIA LIN
00.85	RESRF HIP,TOTAL-ACET/FEM
00.86	RESRF HIP,PART-FEM HEAD
00.87	RESRF HIP,PART-ACETABLUM
01.21	CRANIAL SINUS I & D
01.23	REOPEN CRANIOTOMY SITE
01.24	OTHER CRANIOTOMY
01.25	OTHER CRANIECTOMY
01.31	INCISE CEREBRAL MENINGES
01.32	LOBOTOMY & TRACTOTOMY
01.39	OTHER BRAIN INCISION
01.41	THALAMUS OPERATIONS
01.42	GLOBUS PALLIDUS OPS
01.51	EX CEREB MENINGEAL LES
01.52	HEMISPHERECTOMY
01.53	BRAIN LOBECTOMY
01.59	OTHER BRAIN EXCISION
17.31	LAP MUL SEG RES LG INTES
17.32	LAPAROSCOPIC CECECTOMY
17.33	LAP RIGHT HEMICOLECTOMY
17.34	LAP RES TRANSVERSE COLON
17.35	LAP LEFT HEMICOLECTOMY
17.36	LAP SIGMOIDECTOMY

Table 5.10 Major Surgery	
Code	Shortened Description
17.39	LAP PT EX LRG INTEST NEC
32.39	OTH SEG LUNG RESECT NOS
32.49	LOBECTOMY OF LUNG NEC
32.59	OTHER PNEUMONECTOMY NOS
34.51	DECORTICATION OF LUNG
34.59	OTHER PLEURAL EXCISION
34.81	EXCISE DIAPHRAGM LESION
34.82	SUTURE DIAPHRAGM LACERAT
34.83	CLOSE DIAPHRAGM FISTULA
34.84	OTHER DIAPHRAGM REPAIR
34.89	DIAPHRAGM OPERATION NEC
35.10	OPEN VALVULOPLASTY NOS
35.11	OPN AORTIC VALVULOPLASTY
35.12	OPN MITRAL VALVULOPLASTY
35.13	OPN PULMON VALVULOPLASTY
35.14	OPN TRICUS VALVULOPLASTY
35.20	REPLACE HEART VALVE NOS
35.21	REPLACE AORT VALV-TISSUE
35.22	REPLACE AORTIC VALVE NEC
35.23	REPLACE MITR VALV-TISSUE
35.24	REPLACE MITRAL VALVE NEC
35.25	REPLACE PULM VALV-TISSUE
35.26	REPLACE PULMON VALVE NEC
35.27	REPLACE TRIC VALV-TISSUE
35.28	REPLACE TRICUSP VALV NEC
35.31	PAPILLARY MUSCLE OPS
35.32	CHORDAE TENDINEAE OPS
35.33	ANNULOPLASTY
35.34	INFUNDIBULECTOMY
35.35	TRABECUL CARNEAE CORD OP
35.39	TISS ADJ TO VALV OPS NEC
35.42	CREATE SEPTAL DEFECT
35.50	PROSTH REP HRT SEPTA NOS
35.51	PROS REP ATRIAL DEF-OPN
35.53	PROS REP VENTRIC DEF-OPN
35.54	PROS REP ENDOCAR CUSHION
35.60	GRFT REPAIR HRT SEPT NOS
35.61	GRAFT REPAIR ATRIAL DEF
35.62	GRAFT REPAIR VENTRIC DEF
35.63	GRFT REP ENDOCAR CUSHION
35.70	HEART SEPTA REPAIR NOS
35.71	ATRIA SEPTA DEF REP NEC
35.72	VENTR SEPTA DEF REP NEC
35.73	ENDOCAR CUSHION REP NEC
35.81	TOT REPAIR TETRAL FALLOT

Table 5.10 Major Surgery	
Code	Shortened Description
35.82	TOTAL REPAIR OF TAPVC
35.83	TOT REP TRUNCUS ARTERIOS
35.84	TOT COR TRANSPOS GRT VES
35.91	INTERAT VEN RETRN TRANSP
35.92	CONDUIT RT VENT-PUL ART
35.93	CONDUIT LEFT VENTR-AORTA
35.94	CONDUIT ARTIUM-PULM ART
35.98	OTHER HEART SEPTA OPS
35.99	OTHER HEART VALVE OPS
36.03	OPEN CORONRY ANGIOPLASTY
36.10	AORTOCORONARY BYPASS NOS
36.11	AORTOCOR BYPAS-1 COR ART
36.12	AORTOCOR BYPAS-2 COR ART
36.13	AORTOCOR BYPAS-3 COR ART
36.14	AORTCOR BYPAS-4+ COR ART
36.15	1 INT MAM-COR ART BYPASS
36.16	2 INT MAM-COR ART BYPASS
36.17	ABD-CORON ARTERY BYPASS
36.19	HRT REVAS BYPS ANAS NEC
36.31	OPEN CHEST TRANS REVASC
36.91	CORON VESS ANEURYSM REP
36.99	HEART VESSEL OP NEC
37.10	INCISION OF HEART NOS
37.11	CARDIOTOMY
37.32	HEART ANEURYSM EXCISION
37.33	EXC/DEST HRT LESION OPEN
37.35	PARTIAL VENTRICULECTOMY
37.36	EXC LEFT ATRIAL APPENDAG
37.41	IMPL CARDIAC SUPPORT DEV
37.49	HEART/PERICARD REPR NEC
37.51	HEART TRANSPLANTATION
37.52	IMP TOT INT BI HT RP SYS
37.53	REPL/REP THR UNT TOT HRT
37.54	REPL/REP OTH TOT HRT SYS
37.55	REM INT BIVENT HRT SYS
37.60	IMP BIVN EXT HRT AST SYS
37.62	INSRT NON-IMPL CIRC DEV
37.63	REPAIR HEART ASSIST SYS
37.64	REMVE EXT HRT ASSIST SYS
37.66	IMPLANTABLE HRT ASSIST
37.67	IMP CARDIOMYOSTIMUL SYS
38.14	ENDARTERECTOMY OF AORTA
38.16	ABDOMINAL ENDARTERECTOMY
38.18	LOWER LIMB ENDARTERECT
38.34	AORTA RESECTION & ANAST

Table 5.10 Major Surgery	
Code	Shortened Description
38.36	ABD VESSEL RESECT/ANAST
38.37	ABD VEIN RESECT & ANAST
38.44	RESECT ABDOM AORTA W REPL
38.48	LEG ARTERY RESEC W REPLA
38.49	LEG VEIN RESECT W REPLAC
38.64	EXCISION OF AORTA
39.25	AORTA-ILIAC-FEMOR BYPASS
39.26	INTRA-ABDOMIN SHUNT NEC
39.29	VASC SHUNT & BYPASS NEC
41.5	TOTAL SPLENECTOMY
42.01	ESOPHAGEAL WEB INCISION
42.09	ESOPHAGEAL INCISION NEC
42.10	ESOPHAGOSTOMY NOS
42.11	CERVICAL ESOPHAGOSTOMY
42.12	ESOPH POUCH EXTERIORIZAT
42.19	EXT FISTULIZAT ESOPH NEC
42.40	ESOPHAGECTOMY NOS
42.41	PARTIAL ESOPHAGECTOMY
42.42	TOTAL ESOPHAGECTOMY
42.51	THORAC ESOPHAGUESOPHAGOS
42.52	THORAC ESOPHAGOGASTROST
42.53	THORAC SM BOWEL INTERPOS
42.54	THORAC ESOPHAGOENTER NEC
42.55	THORAC LG BOWEL INTERPOS
42.56	THORAC ESOPHAGOCOLOS NEC
42.58	THORAC INTERPOSITION NEC
42.59	THORAC ESOPHAG ANAST NEC
42.61	STERN ESOPHAGUESOPHAGOST
42.62	STERN ESOPHAGOGASTROSTOM
42.63	STERN SM BOWEL INTERPOS
42.64	STERN ESOPHAGOENTER NEC
42.65	STERN LG BOWEL INTERPOS
42.66	STERN ESOPHAGOCOLOS NEC
42.68	STERN INTERPOSITION NEC
42.69	STERN ESOPHAG ANAST NEC
42.82	SUTURE ESOPHAGEAL LACER
42.83	ESOPHAGOSTOMY CLOSURE
42.84	ESOPH FISTULA REPAIR NEC
42.85	ESOPHAG STRICTURE REPAIR
42.86	PROD SUBQ TUNNEL NO ANAS
42.87	ESOPHAGEAL GRAFT NEC
42.89	ESOPHAGEAL REPAIR NEC
43.5	PROXIMAL GASTRECTOMY
43.6	DISTAL GASTRECTOMY
43.7	PART GASTREC W JEJ ANAST

Table 5.10 Major Surgery	
Code	Shortened Description
43.81	PART GAST W JEJ TRANSPOS
43.89	PARTIAL GASTRECTOMY NEC
43.91	TOT GAST W INTES INTERPO
43.99	TOTAL GASTRECTOMY NEC
44.00	VAGOTOMY NOS
44.01	TRUNCAL VAGOTOMY
44.02	HIGHLY SELECT VAGOTOMY
44.03	SELECTIVE VAGOTOMY NEC
44.21	DILATE PYLORUS, INCISION
44.29	OTHER PYLOROPLASTY
44.31	HIGH GASTRIC BYPASS
44.39	GASTROENTEROSTOMY NEC
44.40	SUTURE PEPTIC ULCER NOS
44.41	SUT GASTRIC ULCER SITE
44.42	SUTURE DUODEN ULCER SITE
44.5	REVISION GASTRIC ANASTOM
44.61	SUTURE GASTRIC LACERAT
44.63	CLOSE GASTRIC FISTUL NEC
44.64	GASTROPEXY
44.65	ESOPHAGOGASTROPLASTY
44.66	CREAT ESOPHAGASTR SPHINC
44.69	GASTRIC REPAIR NEC
44.91	LIGATE GASTRIC VARICES
44.92	INTRAOP GASTRIC MANIPUL
44.99	GASTRIC OPERATION NEC
45.00	INTESTINAL INCISION NOS
45.01	DUODENAL INCISION
45.02	SMALL BOWEL INCISION NEC
45.03	LARGE BOWEL INCISION
45.31	OTH EXCISE DUODENUM LES
45.32	DESTRUCT DUODEN LES NEC
45.33	LOCAL EXCIS SM BOWEL NEC
45.34	DESTR SM BOWEL LES NEC
45.41	EXCISE LG INTESTINE LES
45.49	DESTRUC LG BOWEL LES NEC
45.50	INTEST SEG ISOLAT NOS
45.51	SM BOWEL SEGMENT ISOLAT
45.52	LG BOWEL SEGMENT ISOLAT
45.61	MULT SEG SM BOWEL EXCIS
45.62	PART SM BOWEL RESECT NEC
45.63	TOTAL REMOVAL SM BOWEL
45.71	OPN MUL SEG LG INTES NEC
45.72	OPEN CECECTOMY NEC
45.73	OPN RT HEMICOLECTOMY NEC
45.74	OPN TRANSV COLON RES NEC

Table 5.10 Major Surgery	
Code	Shortened Description
45.75	OPN LFT HEMICOLECTMY NEC
45.76	OPEN SIGMOIDECTOMY NEC
45.79	PRT LG INTES EXC NEC/NOS
45.82	OP TOT INTR-ABD COLECTMY
45.83	TOT ABD COLECTMY NEC/NOS
45.90	INTESTINAL ANASTOM NOS
45.91	SM-TO-SM BOWEL ANASTOM
45.92	SM BOWEL-RECT STUMP ANAS
45.93	SMALL-TO-LARGE BOWEL NEC
45.94	LG-TO-LG BOWEL ANASTOM
45.95	ANAL ANASTOMOSIS
46.01	SM BOWEL EXTERIORIZATION
46.02	RESECT EXT SEG SM BOWEL
46.03	LG BOWEL EXTERIORIZATION
46.04	RESECT EXT SEG LG BOWEL
46.11	TEMPORARY COLOSTOMY
46.13	PERMANENT COLOSTOMY
46.20	ILEOSTOMY NOS
46.21	TEMPORARY ILEOSTOMY
46.22	CONTINENT ILEOSTOMY
46.23	PERMANENT ILEOSTOMY NEC
46.42	PERICOLOST HERNIA REPAIR
46.43	LG BOWEL STOMA REVIS NEC
46.50	INTEST STOMA CLOSURE NOS
46.51	SM BOWEL STOMA CLOSURE
46.52	LG BOWEL STOMA CLOSURE
46.60	INTESTINAL FIXATION NOS
46.61	SM BOWEL-ABD WALL FIXAT
46.62	SMALL BOWEL FIXATION NEC
46.63	LG BOWEL-ABD WALL FIXAT
46.64	LARGE BOWEL FIXATION NEC
46.71	DUODENAL LACERAT SUTURE
46.72	DUODENAL FISTULA CLOSURE
46.75	SUTURE LG BOWEL LACERAT
46.76	CLOSE LG BOWEL FISTULA
46.79	REPAIR OF INTESTINE NEC
46.91	MYOTOMY OF SIGMOID COLON
46.92	MYOTOMY OF COLON NEC
46.94	REVISE LG BOWEL ANASTOM
48.0	PROCTOTOMY
48.1	PROCTOSTOMY
48.41	SOAVE SUBMUC RECT RESECT
48.49	PULL-THRU RECT RESEC NEC
48.50	ABDPERNEAL RES RECTM NOS
48.52	OPN ABDPERNEAL RESC REC

Table 5.10 Major Surgery	
Code	Shortened Description
48.59	ABDPERNEAL RESC RECT NEC
48.61	TRANSSAC RECTOSIGMOIDECT
48.62	ANT RECT RESECT W COLOST
48.63	ANTERIOR RECT RESECT NEC
48.64	POSTERIOR RECT RESECTION
48.65	DUHAMEL RECTAL RESECTION
48.69	RECTAL RESECTION NEC
48.72	CLOSURE OF PROCTOSTOMY
48.73	CLOSE RECTAL FIST NEC
48.74	RECTORECTOSTOMY
48.75	ABDOMINAL PROCTOPEXY
48.76	PROCTOPEXY NEC
50.0	HEPATOTOMY
50.21	MARSUPIALIZAT LIVER LES
50.22	PARTIAL HEPATECTOMY
50.29	DESTRUC HEPATIC LES NEC
50.3	HEPATIC LOBECTOMY
51.31	GB-TO-HEPAT DUCT ANAST
51.32	GB-TO-INTESTINE ANASTOM
51.33	GB-TO-PANCREAS ANASTOM
51.34	GB-TO-STOMACH ANASTOMOS
51.35	GALLBLADDER ANASTOM NEC
51.36	CHOLEDOCHOENTEROSTOMY
51.37	HEPATIC DUCT-GI ANASTOM
51.39	BILE DUCT ANASTOMOS NEC
51.41	CDE FOR CALCULUS REMOV
51.42	CDE FOR OBSTRUCTION NEC
51.49	INCIS OBSTR BILE DUC NEC
51.51	COMMON DUCT EXPLORATION
51.59	BILE DUCT INCISION NEC
51.61	EXCIS CYST DUCT REMNANT
51.62	EXCIS AMPULLA OF VATER
51.63	COMMON DUCT EXCIS NEC
51.69	BILE DUCT EXCISION NEC
51.71	SIMPLE SUT-COMMON DUCT
51.72	CHOLEDOCHOPLASTY
51.79	BILE DUCT REPAIR NEC
51.81	SPHINCTER OF ODDI DILAT
51.82	PANCREAT SPHINCTEROTOM
51.83	PANCREAT SPHINCTEROPLAS
51.89	SPHINCT OF ODDI OP NEC
51.91	REPAIR GB LACERATION
51.92	CLOSURE CHOLECYSTOSTOMY
51.93	CLOS BILIARY FISTUL NEC
51.94	REVIS BILE TRACT ANASTOM

Table 5.10 Major Surgery	
Code	Shortened Description
51.95	REMOVE BILE DUCT PROSTH
51.99	BILIARY TRACT OP NEC
52.09	PANCREATOTOMY NEC
52.22	OTHER DESTRU PANCREA LES
52.3	PANCREAT CYST MARSUPIALI
52.4	INT DRAIN PANCREAT CYST
52.51	PROXIMAL PANCREATECTOMY
52.52	DISTAL PANCREATECTOMY
52.53	RAD SUBTOT PANCREATECTOM
52.59	PARTIAL PANCREATECT NEC
52.6	TOTAL PANCREATECTOMY
52.7	RAD PANCREATICODUODENECT
52.92	CANNULATION PANCREA DUC
52.95	PANCREATIC REPAIR NEC
52.96	PANCREATIC ANASTOMOSIS
52.99	PANCREATIC OPERATION NEC
53.72	OPN ABD DIAPHRM HERN NEC
53.75	ABD REP-DIAPHR HERN NOS
53.80	THOR REP-DIAPH HERN NOS
53.81	DIAPHRAGMATIC PLICATION
53.82	PARASTERN HERNIA REPAIR
53.84	OPN THORC DIAPH HERN NEC
54.11	EXPLORATORY LAPAROTOMY
54.12	REOPEN RECENT LAP SITE
54.19	LAPAROTOMY NEC
54.4	DESTRUCT PERITONEAL TISS
54.59	OTH PERITON ADHESIOLYSIS
54.61	RECLOSE POST OP DISRUPT
54.62	DELAYED CLOS ABD WOUND
54.63	ABD WALL SUTURE NEC
54.64	PERITONEAL SUTURE
54.71	REPAIR OF GASTROSCHISIS
54.72	ABDOMEN WALL REPAIR NEC
54.73	PERITONEAL REPAIR NEC
54.74	OMENTAL REPAIR NEC
54.75	MESENTERIC REPAIR NEC
54.92	REMOVE FB FROM PERITON
54.94	CREAT PERITONEOVAS SHUNT
54.95	PERITONEAL INCISION
55.4	PARTIAL NEPHRECTOMY
55.51	NEPHROURETERECTOMY
55.52	SOLITARY KIDNEY NEPHRECT
55.53	REJECTED KIDNEY NEPHRECT
55.54	BILATERAL NEPHRECTOMY
56.51	FORM CUTAN ILEOURETEROST

Table 5.10 Major Surgery	
Code	Shortened Description
56.52	REVIS CUTAN ILEOURETEROS
56.71	URIN DIVERSION TO BOWEL
56.72	REVIS URETEROENTEROSTOMY
56.73	NEPHROCYSTANASTOMOSI NOS
56.74	URETERONEOCYSTOSTOMY
56.75	TRANSURETEROURETEROSTOMY
56.79	URETERAL ANASTOMOSIS NEC
57.6	PARTIAL CYSTECTOMY
57.71	RADICAL CYSTECTOMY
57.79	TOTAL CYSTECTOMY NEC
57.81	SUTURE BLADDER LACERAT
57.82	CYSTOSTOMY CLOSURE
57.83	ENTEROVESICO FIST REPAIR
57.84	VESIC FISTULA REPAIR NEC
57.85	CYSTOURETHROPLASTY
57.86	BLADDER EXSTROPHY REPAIR
57.87	BLADDER RECONSTRUCTION
57.88	BLADDER ANASTOMOSIS NEC
57.89	BLADDER REPAIR NEC
59.00	RETROPERIT DISSECT NOS
59.02	PERIREN ADHESIOLYS NEC
59.09	PERIREN/URETER INCIS NEC
60.3	SUPRAPUBIC PROSTATECTOMY
60.4	RETROPUBIC PROSTATECTOMY
60.5	RADICAL PROSTATECTOMY
65.22	OVARIAN WEDGE RESECTION
65.29	LOCAL DESTR OVA LES NEC
65.39	OTH UNILAT OOPHORECTOMY
65.49	OTH UNI SALPINGO-OOPHOR
65.51	OTH REMOVE BOTH OVARIES
65.52	OTH REMOVE REMAIN OVARY
65.61	OTH REMOVE OVARIES/TUBES
65.62	OTH REMOVE REM OVA/TUBE
66.4	TOTAL UNILAT SALPINGECT
66.51	REMOVE BOTH FALLOP TUBES
66.52	REMOVE SOLITARY FAL TUBE
66.61	DESTROY FALLOP TUBE LES
66.62	REMOV TUBE & ECTOP PREG
66.63	BILAT PART SALPINGEC NOS
66.69	PARTIAL SALPINGECTOM NEC
68.31	LAP SCERVIC HYSTERECTOMY
68.49	TOTAL ABD HYST NEC/NOS
68.51	LAP AST VAG HYSTERECTOMY
68.59	VAG HYSTERECTOMY NEC/NOS
68.69	RADICAL ABD HYST NEC/NOS

Table 5.10 Major Surgery	
Code	Shortened Description
68.79	RADICAL VAG HYST NEC/NOS
81.40	REPAIR OF HIP, NEC
81.51	TOTAL HIP REPLACEMENT
81.52	PARTIAL HIP REPLACEMENT
81.53	REVISE HIP REPLACEMT NOS
81.54	TOTAL KNEE REPLACEMENT
81.55	REVISE KNEE REPLACE NOS

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Table 5.11 Cardiac Surgery	
Code	Shortened Description
35.10	OPEN VALVULOPLASTY NOS
35.11	OPN AORTIC VALVULOPLASTY
35.12	OPN MITRAL VALVULOPLASTY
35.13	OPN PULMON VALVULOPLASTY
35.14	OPN TRICUS VALVULOPLASTY
35.20	REPLACE HEART VALVE NOS
35.21	REPLACE AORT VALV-TISSUE
35.22	REPLACE AORTIC VALVE NEC
35.23	REPLACE MITR VALV-TISSUE
35.24	REPLACE MITRAL VALVE NEC
35.25	REPLACE PULM VALV-TISSUE
35.26	REPLACE PULMON VALVE NEC
35.27	REPLACE TRIC VALV-TISSUE
35.28	REPLACE TRICUSP VALV NEC
35.31	PAPILLARY MUSCLE OPS
35.32	CHORDAE TENDINEAE OPS
35.33	ANNULOPLASTY
35.34	INFUNDIBULECTOMY
35.35	TRABECUL CARNEAE CORD OP
35.39	TISS ADJ TO VALV OPS NEC
35.42	CREATE SEPTAL DEFECT
35.50	PROSTH REP HRT SEPTA NOS
35.51	PROS REP ATRIAL DEF-OPN
35.53	PROS REP VENTRIC DEF-OPN
35.54	PROS REP ENDOCAR CUSHION
35.60	GRFT REPAIR HRT SEPT NOS
35.61	GRAFT REPAIR ATRIAL DEF
35.62	GRAFT REPAIR VENTRIC DEF
35.63	GRFT REP ENDOCAR CUSHION
35.70	HEART SEPTA REPAIR NOS
35.71	ATRIA SEPTA DEF REP NEC
35.72	VENTR SEPTA DEF REP NEC

Table 5.11 Cardiac Surgery	
Code	Shortened Description
35.73	ENDOCAR CUSHION REP NEC
35.81	TOT REPAIR TETRAL FALLOT
35.82	TOTAL REPAIR OF TAPVC
35.83	TOT REP TRUNCUS ARTERIOS
35.84	TOT COR TRANSPOS GRT VES
35.91	INTERAT VEN RETRN TRANSP
35.92	CONDUIT RT VENT-PUL ART
35.93	CONDUIT LEFT VENTR-AORTA
35.94	CONDUIT ARTIUM-PULM ART
35.98	OTHER HEART SEPTA OPS
35.99	OTHER HEART VALVE OPS
36.03	OPEN CORONRY ANGIOPLASTY
36.10	AORTOCORONARY BYPASS NOS
36.11	AORTOCOR BYPAS-1 COR ART
36.12	AORTOCOR BYPAS-2 COR ART
36.13	AORTOCOR BYPAS-3 COR ART
36.14	AORTCOR BYPAS-4+ COR ART
36.15	1 INT MAM-COR ART BYPASS
36.16	2 INT MAM-COR ART BYPASS
36.17	ABD-CORON ARTERY BYPASS
36.19	HRT REVAS BYPS ANAS NEC
36.31	OPEN CHEST TRANS REVASC
36.91	CORON VESS ANEURYSM REP
36.99	HEART VESSEL OP NEC
37.10	INCISION OF HEART NOS
37.11	CARDIOTOMY
37.32	HEART ANEURYSM EXCISION
37.33	EXC/DEST HRT LESION OPEN
37.35	PARTIAL VENTRICULECTOMY
37.36	EXC LEFT ATRIAL APPENDAG
37.41	IMPL CARDIAC SUPPORT DEV
37.49	HEART/PERICARD REPR NEC
37.51	HEART TRANSPLANTATION
37.52	IMP TOT INT BI HT RP SYS
37.53	REPL/REP THR UNT TOT HRT
37.54	REPL/REP OTH TOT HRT SYS
37.55	REM INT BIVENT HRT SYS
37.60	IMP BIVN EXT HRT AST SYS
37.62	INSRT NON-IMPL CIRC DEV
37.63	REPAIR HEART ASSIST SYS
37.64	REMVE EXT HRT ASSIST SYS
37.66	IMPLANTABLE HRT ASSIST
37.67	IMP CARDIOMYOSTIMUL SYS

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Table 5.13 Hip Fractures	
Code	Shortened Description
733.10	PATH FX UNSPECIFIED SITE
733.14	PATH FX NECK OF FEMUR
733.15	PATH FX OTH SPCF PRT FMR
808.0	FRACTURE ACETABULUM-CLOS
808.1	FRACTURE ACETABULUM-OPEN
808.2	FRACTURE OF PUBIS-CLOSED
808.3	FRACTURE OF PUBIS-OPEN
808.41	FRACTURE OF ILIUM-CLOSED
808.42	FRACTURE ISCHIUM-CLOSED
808.43	PELV FX-CLOS/PELV DISRUP
808.49	PELVIC FRACTURE NEC-CLOS
808.51	FRACTURE OF ILIUM-OPEN
808.52	FRACTURE OF ISCHIUM-OPEN
808.53	PELV FX-OPEN/PELV DISRUP
808.59	PELVIC FRACTURE NEC-OPEN
808.8	PELVIC FRACTURE NOS-CLOS
808.9	PELVIC FRACTURE NOS-OPEN
820.00	FX FEMUR INTRCAPS NOS-CL
820.01	FX UP FEMUR EPIPHY-CLOS
820.02	FX FEMUR, MIDCERVIC-CLOS
820.03	FX BASE FEMORAL NCK-CLOS
820.09	FX FEMUR INTRCAPS NEC-CL
820.10	FX FEMUR INTRCAP NOS-OPN
820.11	FX UP FEMUR EPIPHY-OPEN
820.12	FX FEMUR, MIDCERVIC-OPEN
820.13	FX BASE FEMORAL NCK-OPEN
820.19	FX FEMUR INTRCAP NEC-OPN
820.20	TROCHANTERIC FX NOS-CLOS
820.21	INTERTROCHANTERIC FX-CL
820.22	SUBTROCHANTERIC FX-CLOSE
820.30	TROCHANTERIC FX NOS-OPEN
820.31	INTERTROCHANTERIC FX-OPN
820.32	SUBTROCHANTERIC FX-OPEN
820.8	FX NECK OF FEMUR NOS-CL
820.9	FX NECK OF FEMUR NOS-OPN
821.00	FX FEMUR NOS-CLOSED
821.01	FX FEMUR SHAFT-CLOSED
821.10	FX FEMUR NOS-OPEN
821.11	FX FEMUR SHAFT-OPEN

Table 5.14 Burns	
Code	Shortened Description
692.71	SUNBURN
692.76	2 ND DEGREE SUNBURN
692.77	3 RD DEGREE SUNBURN
692.82	DERMATITIS OTH RADIATION
782.0	SKIN SENSATION DISTURB
906.5	LATE EFF HEAD/NECK BURN
906.6	LATE EFF WRIST/HAND BURN
906.7	LATE EFF BURN EXTREM NEC
906.8	LATE EFFECT OF BURNS NEC
906.9	LATE EFFECT OF BURN NOS
910.0	ABRASION HEAD
910.1	ABRASION HEAD-INFECTED
911.0	ABRASION TRUNK
911.1	ABRASION TRUNK-INFECTED
912.0	ABRASION SHOULDER/ARM
912.1	ABRASION SHLDR/ARM-INFEC
913.0	ABRASION FOREARM
913.1	ABRASION FOREARM-INFECT
914.0	ABRASION HAND
914.1	ABRASION HAND-INFECTED
915.0	ABRASION FINGER
915.1	ABRASION FINGER-INFECTED
916.0	ABRASION HIP & LEG
916.1	ABRASION HIP/LEG-INFECT
917.0	ABRASION FOOT & TOE
917.1	ABRASION FOOT/TOE-INFEC
919.0	ABRASION NEC
919.1	ABRASION NEC-INFECTED
940.0	CHEMICAL BURN PERIOCLAR
940.1	BURN PERIOCLAR AREA NEC
940.2	ALKAL BURN CORNEA/CONJUN
940.3	ACID BURN CORNEA/CONJUNC
940.4	BURN CORNEA/CONJUNCT NEC
940.5	BURN W EYEBALL DESTRUCT
940.9	BURN EYE & ADNEXA NOS
941.00	BURN NOS HEAD-UNSPEC
941.01	BURN NOS EAR
941.02	BURN NOS EYE
941.03	BURN NOS LIP
941.04	BURN NOS CHIN
941.05	BURN NOS NOSE
941.06	BURN NOS SCALP

Table 5.14 Burns	
Code	Shortened Description
941.07	BURN NOS FACE NEC
941.08	BURN NOS NECK
941.09	BURN NOS HEAD-MULT
941.10	1ST DEG BURN HEAD NOS
941.11	1ST DEG BURN EAR
941.12	1ST DEG BURN EYE
941.13	1ST DEG BURN LIP
941.14	1ST DEG BURN CHIN
941.15	1ST DEG BURN NOSE
941.16	1ST DEG BURN SCALP
941.17	1ST DEG BURN FACE NEC
941.18	1ST DEG BURN NECK
941.19	1ST DEG BURN HEAD-MULT
941.20	2ND DEG BURN HEAD NOS
941.21	2ND DEG BURN EAR
941.22	2ND DEG BURN EYE
941.23	2ND DEG BURN LIP
941.24	2ND DEG BURN CHIN
941.25	2ND DEG BURN NOSE
941.26	2ND DEG BURN SCALP
941.27	2ND DEG BURN FACE NEC
941.28	2ND DEG BURN NECK
941.29	2ND DEG BURN HEAD-MULT
941.30	3RD DEG BURN HEAD NOS
941.31	3RD DEG BURN EAR
941.32	3RD DEG BURN EYE
941.33	3RD DEG BURN LIP
941.34	3RD DEG BURN CHIN
941.35	3RD DEG BURN NOSE
941.36	3RD DEG BURN SCALP
941.37	3RD DEG BURN FACE NEC
941.38	3RD DEG BURN NECK
941.39	3RD DEG BURN HEAD-MULT
941.40	DEEP 3 DEG BURN HEAD NOS
941.41	DEEP 3RD DEG BURN EAR
941.42	DEEP 3RD DEG BURN EYE
941.43	DEEP 3RD DEG BURN LIP
941.44	DEEP 3RD DEG BURN CHIN
941.45	DEEP 3RD DEG BURN NOSE
941.46	DEEP 3RD DEG BURN SCALP
941.47	DEEP 3RD BURN FACE NEC
941.48	DEEP 3RD DEG BURN NECK
941.49	DEEP 3 DEG BRN HEAD-MULT
941.50	3RD BURN W LOSS-HEAD NOS

Table 5.14 Burns	
Code	Shortened Description
941.51	3RD DEG BURN W LOSS-EAR
941.52	3RD DEG BURN W LOSS-EYE
941.53	3RD DEG BURN W LOSS-LIP
941.54	3RD DEG BURN W LOSS-CHIN
941.55	3RD DEG BURN W LOSS-NOSE
941.56	3RD DEG BRN W LOSS-SCALP
941.57	3RD BURN W LOSS-FACE NEC
941.58	3RD DEG BURN W LOSS-NECK
941.59	3RD BRN W LOSS-HEAD MULT
942.00	BURN NOS TRUNK-UNSPEC
942.01	BURN NOS BREAST
942.02	BURN NOS CHEST WALL
942.03	BURN NOS ABDOMINAL WALL
942.04	BURN NOS BACK
942.05	BURN NOS GENITALIA
942.09	BURN NOS TRUNK NEC
942.10	1ST DEG BURN TRUNK NOS
942.11	1ST DEG BURN BREAST
942.12	1ST DEG BURN CHEST WALL
942.13	1ST DEG BURN ABDOMN WALL
942.14	1ST DEG BURN BACK
942.15	1ST DEG BURN GENTALIA
942.19	1ST DEG BURN TRUNK NEC
942.20	2ND DEG BURN TRUNK NOS
942.21	2ND DEG BURN BREAST
942.22	2ND DEG BURN CHEST WALL
942.23	2ND DEG BURN ABDOMN WALL
942.24	2ND DEG BURN BACK
942.25	2ND DEG BURN GENITALIA
942.29	2ND DEG BURN TRUNK NEC
942.30	3RD DEG BURN TRUNK NOS
942.31	3RD DEG BURN BREAST
942.32	3RD DEG BURN CHEST WALL
942.33	3RD DEG BURN ABDOMN WALL
942.34	3RD DEG BURN BACK
942.35	3RD DEG BURN GENITALIA
942.39	3RD DEG BURN TRUNK NEC
942.40	DEEP 3RD BURN TRUNK NOS
942.41	DEEP 3RD DEG BURN BREAST
942.42	DEEP 3RD BURN CHEST WALL
942.43	DEEP 3RD BURN ABDOM WALL
942.44	DEEP 3RD DEG BURN BACK
942.45	DEEP 3RD BURN GENITALIA
942.49	DEEP 3RD BURN TRUNK NEC

Table 5.14 Burns	
Code	Shortened Description
942.50	3RD BRN W LOSS-TRUNK NOS
942.51	3RD BURN W LOSS-BREAST
942.52	3RD BRN W LOSS-CHEST WLL
942.53	3RD BRN W LOSS-ABDOM WLL
942.54	3RD DEG BURN W LOSS-BACK
942.55	3RD BRN W LOSS-GENITALIA
942.59	3RD BRN W LOSS-TRUNK NEC
943.00	BURN NOS ARM-UNSPEC
943.01	BURN NOS FOREARM
943.02	BURN NOS ELBOW
943.03	BURN NOS UPPER ARM
943.04	BURN NOS AXILLA
943.05	BURN NOS SHOULDER
943.06	BURN NOS SCAPULA
943.09	BURN NOS ARM-MULTIPLE
943.10	1ST DEG BURN ARM NOS
943.11	1ST DEG BURN FOREARM
943.12	1ST DEG BURN ELBOW
943.13	1ST DEG BURN UPPER ARM
943.14	1ST DEG BURN AXILLA
943.15	1ST DEG BURN SHOULDER
943.16	1ST DEG BURN SCAPULA
943.19	1ST DEG BURN ARM-MULT
943.20	2ND DEG BURN ARM NOS
943.21	2ND DEG BURN FOREARM
943.22	2ND DEG BURN ELBOW
943.23	2ND DEG BURN UPPER ARM
943.24	2ND DEG BURN AXILLA
943.25	2ND DEG BURN SHOULDER
943.26	2ND DEG BURN SCAPULA
943.29	2ND DEG BURN ARM-MULT
943.30	3RD DEG BURN ARM NOS
943.31	3RD DEG BURN FOREARM
943.32	3RD DEG BURN ELBOW
943.33	3RD DEG BURN UPPER ARM
943.34	3RD DEG BURN AXILLA
943.35	3RD DEG BURN SHOULDER
943.36	3RD DEG BURN SCAPULA
943.39	3RD DEG BURN ARM-MULT
943.40	DEEP 3 DEG BURN ARM NOS
943.41	DEEP 3 DEG BURN FOREARM
943.42	DEEP 3 DEG BURN ELBOW
943.43	DEEP 3 DEG BRN UPPER ARM
943.44	DEEP 3 DEG BURN AXILLA

Table 5.14 Burns	
Code	Shortened Description
943.45	DEEP 3 DEG BURN SHOULDER
943.46	DEEP 3 DEG BURN SCAPULA
943.49	DEEP 3 DEG BURN ARM-MULT
943.50	3RD BURN W LOSS-ARM NOS
943.51	3RD BURN W LOSS-FOREARM
943.52	3RD BURN W LOSS-ELBOW
943.53	3RD BRN W LOSS-UPPER ARM
943.54	3RD BURN W LOSS-AXILLA
943.55	3RD BURN W LOSS-SHOULDER
943.56	3RD BURN W LOSS-SCAPULA
943.59	3RD BURN W LOSS-ARM MULT
944.00	BURN NOS HAND-UNSPEC
944.01	BURN NOS FINGER
944.02	BURN NOS THUMB
944.03	BURN NOS MULT FINGERS
944.04	BURN NOS FINGER W THUMB
944.05	BURN NOS PALM
944.06	BURN NOS BACK OF HAND
944.07	BURN NOS WRIST
944.08	BURN NOS HAND-MULTIPLE
944.10	1ST DEG BURN HAND NOS
944.11	1ST DEG BURN FINGER
944.12	1ST DEG BURN THUMB
944.13	1ST DEG BURN MULT FINGER
944.14	1 DEG BURN FINGR W THUMB
944.15	1ST DEG BURN PALM
944.16	1 DEG BURN BACK OF HAND
944.17	1ST DEG BURN WRIST
944.18	1ST DEG BURN HAND-MULT
944.20	2ND DEG BURN HAND NOS
944.21	2ND DEG BURN FINGER
944.22	2ND DEG BURN THUMB
944.23	2ND DEG BURN MULT FINGER
944.24	2 DEG BURN FINGR W THUMB
944.25	2ND DEG BURN PALM
944.26	2 DEG BURN BACK OF HAND
944.27	2ND DEG BURN WRIST
944.28	2ND DEG BURN HAND-MULT
944.30	3RD DEG BURN HAND NOS
944.31	3RD DEG BURN FINGER
944.32	3RD DEG BURN THUMB
944.33	3RD DEG BURN MULT FINGER
944.34	3 DEG BURN FINGR W THUMB
944.35	3RD DEG BURN PALM

Table 5.14 Burns	
Code	Shortened Description
944.36	3 DEG BURN BACK OF HAND
944.37	3RD DEG BURN WRIST
944.38	3RD DEG BURN HAND-MULT
944.40	DEEP 3 DEG BRN HAND NOS
944.41	DEEP 3 DEG BURN FINGER
944.42	DEEP 3 DEG BURN THUMB
944.43	DEEP 3RD BRN MULT FINGER
944.44	DEEP 3RD BRN FNGR W THMB
944.45	DEEP 3 DEG BURN PALM
944.46	DEEP 3RD BRN BACK OF HND
944.47	DEEP 3 DEG BURN WRIST
944.48	DEEP 3 DEG BRN HAND-MULT
944.50	3RD BRN W LOSS-HAND NOS
944.51	3RD BURN W LOSS-FINGER
944.52	3RD BURN W LOSS-THUMB
944.53	3RD BRN W LOSS-MULT FNGR
944.54	3RD BRN W LOSS-FNGR/THMB
944.55	3RD BURN W LOSS-PALM
944.56	3RD BRN W LOSS-BK OF HND
944.57	3RD BURN W LOSS-WRIST
944.58	3RD BRN W LOSS HAND-MULT
945.00	BURN NOS LEG-UNSPEC
945.01	BURN NOS TOE
945.02	BURN NOS FOOT
945.03	BURN NOS ANKLE
945.04	BURN NOS LOWER LEG
945.05	BURN NOS KNEE
945.06	BURN NOS THIGH
945.09	BURN NOS LEG-MULTIPLE
945.10	1ST DEG BURN LEG NOS
945.11	1ST DEG BURN TOE
945.12	1ST DEG BURN FOOT
945.13	1ST DEG BURN ANKLE
945.14	1ST DEG BURN LOWER LEG
945.15	1ST DEG BURN KNEE
945.16	1ST DEG BURN THIGH
945.19	1ST DEG BURN LEG-MULT
945.20	2ND DEG BURN LEG NOS
945.21	2ND DEG BURN TOE
945.22	2ND DEG BURN FOOT
945.23	2ND DEG BURN ANKLE
945.24	2ND DEG BURN LOWER LEG
945.25	2ND DEG BURN KNEE
945.26	2ND DEG BURN THIGH

Table 5.14 Burns	
Code	Shortened Description
945.29	2ND DEG BURN LEG-MULT
945.30	3RD DEG BURN LEG NOS
945.31	3RD DEG BURN TOE
945.32	3RD DEG BURN FOOT
945.33	3RD DEG BURN ANKLE
945.34	3RD DEG BURN LOW LEG
945.35	3RD DEG BURN KNEE
945.36	3RD DEG BURN THIGH
945.39	3RD DEG BURN LEG-MULT
945.40	DEEP 3RD DEG BRN LEG NOS
945.41	DEEP 3RD DEG BURN TOE
945.42	DEEP 3RD DEG BURN FOOT
945.43	DEEP 3RD DEG BURN ANKLE
945.44	DEEP 3RD DEG BRN LOW LEG
945.45	DEEP 3RD DEG BURN KNEE
945.46	DEEP 3RD DEG BURN THIGH
945.49	DEEP 3 DEG BURN LEG-MULT
945.50	3 DEG BRN W LOSS-LEG NOS
945.51	3 DEG BURN W LOSS-TOE
945.52	3 DEG BURN W LOSS-FOOT
945.53	3 DEG BURN W LOSS-ANKLE
945.54	3 DEG BRN W LOSS-LOW LEG
945.55	3 DEG BURN W LOSS-KNEE
945.56	3 DEG BURN W LOSS-THIGH
945.59	3 DEG BRN W LOSS LEG-MLT
946.0	BURN NOS MULTIPLE SITE
946.1	1ST DEG BURN MULT SITE
946.2	2ND DEG BURN MULT SITE
946.3	3RD DEG BURN MULT SITE
946.4	DEEP 3 DEG BRN MULT SITE
946.5	3 RD BRN W LOSS-MULT SITE
947.8	BURN INTERNAL ORGAN NEC
947.9	BURN INTERNAL ORGAN NOS
948.00	BDY BRN < 10%/3D DEG NOS
948.10	10-19% BDY BRN/3 DEG NOS
948.11	10-19% BDY BRN/10-19% 3D
948.20	20-29% BDY BRN/3 DEG NOS
948.21	20-29% BDY BRN/10-19% 3D
948.22	20-29% BDY BRN/20-29% 3D
948.30	30-39% BDY BRN/3 DEG NOS
948.31	30-39% BDY BRN/10-19% 3D
948.32	30-39% BDY BRN/20-29% 3D
948.33	30-39% BDY BRN/30-39% 3D
948.40	40-49% BDY BRN/3 DEG NOS

Table 5.14 Burns	
Code	Shortened Description
948.41	40-49% BDY BRN/10-19% 3D
948.42	40-49% BDY BRN/20-29% 3D
948.43	40-49% BDY BRN/30-39% 3D
948.44	40-49% BDY BRN/40-49% 3D
948.50	50-59% BDY BRN/3 DEG NOS
948.51	50-59% BDY BRN/10-19% 3D
948.52	50-59% BDY BRN/20-29% 3D
948.53	50-59% BDY BRN/30-39% 3D
948.54	50-59% BDY BRN/40-49% 3D
948.55	50-59% BDY BRN/50-59% 3D
948.60	60-69% BDY BRN/3 DEG NOS
948.61	60-69% BDY BRN/10-19% 3D
948.62	60-69% BDY BRN/20-29% 3D
948.63	60-69% BDY BRN/30-39% 3D
948.64	60-69% BDY BRN/40-49% 3D
948.65	60-69% BDY BRN/50-59% 3D
948.66	60-69% BDY BRN/60-69% 3D
948.70	70-79% BDY BRN/3 DEG NOS
948.71	70-79% BDY BRN/10-19% 3D
948.72	70-79% BDY BRN/20-29% 3D
948.73	70-79% BDY BRN/30-39% 3D
948.74	70-79% BDY BRN/40-49% 3D
948.75	70-79% BDY BRN/50-59% 3D
948.76	70-79% BDY BRN/60-69% 3D
948.77	70-79% BDY BRN/70-79% 3D
948.80	80-89% BDY BRN/3 DEG NOS
948.81	80-89% BDY BRN/10-19% 3D
948.82	80-89% BDY BRN/20-29% 3D
948.83	80-89% BDY BRN/30-39% 3D
948.84	80-89% BDY BRN/40-49% 3D
948.85	80-89% BDY BRN/50-59% 3D
948.86	80-89% BDY BRN/60-69% 3D
948.87	80-89% BDY BRN/70-79% 3D
948.88	80-89% BDY BRN/80-89% 3D
948.90	90% + BDY BRN/3 DEG NOS
948.91	90% + BDY BRN/10-19% 3RD
948.92	90% + BDY BRN/20-29% 3RD
948.93	90% + BDY BRN/30-39% 3RD
948.94	90% + BDY BRN/40-49% 3RD
948.95	90% + BDY BRN/50-59% 3RD
948.96	90% + BDY BRN/60-69% 3RD
948.97	90% + BDY BRN/70-79% 3RD
948.98	90% + BDY BRN/80-89% 3RD
948.99	90% + BDY BRN/90% + 3 RD

Table 5.14 Burns	
Code	Shortened Description
949.0	BURN NOS
949.1	1ST DEGREE BURN NOS
949.2	2ND DEGREE BURN NOS
949.3	3RD DEGREE BURN NOS
949.4	DEEP 3RD DEG BURN NOS
949.5	3RD BURN W LOSS-SITE NOS

Last Updated: Version 3.2

Table 5.15 Transplant	
Code	Shortened Description
996.80	COMP ORGAN TRANSPLNT NOS
996.81	COMPL KIDNEY TRANSPLANT
996.82	COMPL LIVER TRANSPLANT
996.83	COMPL HEART TRANSPLANT
996.84	COMPL LUNG TRANSPLANT
996.85	COMPL MARROW TRANSPLANT
996.86	COMPL PANCREAS TRANSPLNT
996.87	COMP INTESTINE TRANSPLNT
996.89	COMP OTH ORGAN TRANSPLNT
V42.0	KIDNEY TRANSPLANT STATUS
V42.1	HEART TRANSPLANT STATUS
V42.2	HEART VALVE TRANSPLANT
V42.3	SKIN TRANSPLANT STATUS
V42.4	BONE TRANSPLANT STATUS
V42.5	CORNEA TRANSPLANT STATUS
V42.6	LUNG TRANSPLANT STATUS
V42.7	LIVER TRANSPLANT STATUS
V42.81	TRNSPL STATUS-BNE MARROW
V42.82	TRNSPL STS-PERIP STM CELL
V42.83	TRNSPL STATUS-PANCREAS
V42.84	TRNSPL STATUS-INTESTINES
V42.89	TRNSPL STATUS ORGAN NEC
V42.9	TRANSPLANT STATUS NOS

Last Updated: Version 3.2

Table 5.16 Urological/Perineal Codes	
Code	Shortened Description
48.0	PROCTOTOMY
48.1	PROCTOSTOMY
48.21	TRANSAB PROCTOSIGMOIDOSC
48.22	PROCTOSIGMOIDOSC THRU ST
48.23	RIGID PROCTOSIGMOIDOSCPY

Table 5.16 Urological/Perineal Codes	
Code	Shortened Description
48.24	CLOSED RECTAL BIOPSY
48.25	OPEN RECTAL BIOPSY
48.26	PERIRECTAL TISSUE BIOPSY
48.29	RECT/PERIRECT DX OP NEC
48.31	RAD ELECTROCOAG-RECT LES
48.32	ELECTROCOAG RECT LES NEC
48.33	LASER DESTRUC RECTAL LES
48.34	CRYOSURG DESTR RECT LES
48.35	LOCAL EXCIS RECTAL LES
48.36	POLYPECTOMY OF RECTUM
48.41	SOAVE SUBMUC RECT RESECT
48.42	LAP PULL-THRU RES RECTUM
48.43	OPN PULL-THRU RES RECTUM
48.49	PULL-THRU RECT RESEC NEC
48.50	ABDPERNEAL RES RECTM NOS
48.51	LAP ABDPERNEAL RESC REC
48.52	OPN ABDPERNEAL RESC REC
48.59	ABDPERNEAL RESC RECT NEC
48.61	TRANSSEC RECTOSIGMOIDECT
48.62	ANT RECT RESECT W COLOST
48.63	ANTERIOR RECT RESECT NEC
48.64	POSTERIOR RECT RESECTION
48.65	DUHAMEL RECTAL RESECTION
48.69	RECTAL RESECTION NEC
48.71	SUTURE OF RECTAL LACER
48.72	CLOSURE OF PROCTOSTOMY
48.73	CLOSE RECTAL FIST NEC
48.74	RECTORECTOSTOMY
48.75	ABDOMINAL PROCTOPEXY
48.76	PROCTOPEXY NEC
48.79	REPAIR OF RECTUM NEC
48.81	PERIRECTAL INCISION
48.82	PERIRECTAL EXCISION
48.91	INCIS RECTAL STRICTURE
48.92	ANORECTAL MYOMECTOMY
48.93	REPAIR PERIRECT FISTULA
48.99	RECTAL PERIRECT OP NEC
49.01	INCIS PERIANAL ABSCESS
49.02	PERIANAL INCISION NEC
49.03	EXCIS PERIANAL SKIN TAG
49.04	PERIANAL EXCISION NEC
49.11	ANAL FISTULOTOMY
49.12	ANAL FISTULECTOMY
49.39	OTHER DESTRUC ANUS LES

Table 5.16 Urological/Perineal Codes	
Code	Shortened Description
49.44	HEMORRHOID CRYOTHERAPY
49.45	HEMORRHOID LIGATION
49.46	HEMORRHOIDECTOMY
49.49	HEMORRHOID PROCEDURE NEC
49.51	LEFT LAT SPHINCTEROTOMY
49.52	POST SPHINCTEROTOMY
49.59	ANAL SPHINCTEROTOMY NEC
49.6	EXCISION OF ANUS
49.71	SUTURE ANAL LACERATION
49.72	ANAL CERCLAGE
49.73	CLOSURE OF ANAL FISTULA
49.74	GRACILIS MUSC TRANSPLAN
49.75	IMPL OR REV ART ANAL SPH
49.76	REMOV ART ANAL SPHINCTER
49.79	ANAL SPHINCT REPAIR NEC
49.91	INCISION OF ANAL SEPTUM
49.92	INSERT SUBQ ANAL STIMUL
49.93	ANAL INCISION NEC
49.94	REDUCTION ANAL PROLAPSE
49.95	CONTROL ANAL HEMORRHAGE
49.99	ANAL OPERATION NEC
55.01	NEPHROTOMY
55.02	NEPHROSTOMY
55.03	PERCU NEPHROSTM W/O FRAG
55.04	PERCU NEPHROSTMY W FRAG
55.11	PYELOTOMY
55.12	PYELOSTOMY
55.31	RENAL LES MARSUPIALIZAT
55.32	OPN ABLTN RENAL LES/TISS
55.33	PERC ABLTN RENL LES/TISS
55.34	LAP ABLTN RENAL LES/TISS
55.35	ABLTN RENAL LES/TISS NEC
55.39	LOC DESTR RENAL LES NEC
55.4	PARTIAL NEPHRECTOMY
55.51	NEPHROURETERECTOMY
55.52	SOLITARY KIDNEY NEPHRECT
55.53	REJECTED KIDNEY NEPHRECT
55.54	BILATERAL NEPHRECTOMY
55.61	RENAL AUTOTRANSPLANT
55.69	KIDNEY TRANSPLANT NEC
55.7	NEPHROPEXY
55.81	SUTURE KIDNEY LACERATION
55.82	CLOSE NEPHROST & PYELOST
55.83	CLOSE RENAL FISTULA NEC

Table 5.16 Urological/Perineal Codes	
Code	Shortened Description
55.84	REDUCE RENAL PEDICL TORS
55.85	SYMPHYSIOTOMY
55.86	RENAL ANASTOMOSIS
55.87	CORRECT URETEROPELV JUNC
55.89	RENAL REPAIR NEC
55.91	RENAL DECAPSULATION
55.95	LOCAL RENAL PERFUSION
55.96	RENAL INJECTION NEC
55.97	IMPLANT MECHANIC KIDNEY
55.98	REMOV MECHANICAL KIDNEY
55.99	RENAL OPERATION NEC
56.0	TU REMOV URETER OBSTRUCT
56.1	URETERAL MEATOTOMY
56.34	OPEN URETERAL BIOPSY
56.40	URETERECTOMY NOS
56.41	PARTIAL URETERECTOMY
56.42	TOTAL URETERECTOMY
56.73	NEPHROCYSTANASTOMOSI NOS
56.74	URETERONEOCYSTOSTOMY
56.75	TRANSURETEROURETEROSTOMY
56.79	URETERAL ANASTOMOSIS NEC
56.81	INTRALUM URETE ADHESIOLY
56.82	SUTURE URETERAL LACERAT
56.83	URETEROSTOMY CLOSURE
56.84	CLOSE URETER FISTULA NEC
56.85	URETEROPEXY
56.86	REMOVE URETERAL LIGATURE
56.89	REPAIR OF URETER NEC
56.91	URETERAL MEATUS DILATION
56.92	IMPLANT URETERAL STIMUL
56.93	REPLACE URETERAL STIMUL
56.94	REMOVE URETERAL STIMULAT
56.95	LIGATION OF URETER
56.99	URETERAL OPERATION NEC
57.0	TU BLADDER CLEARANCE
57.12	CYSTOTOMY & ADHESIOLYSIS
57.17	PERCUTANEOUS CYSTOSTOMY
57.18	OTHER SUPRAPU CYSTOSTOMY
57.19	CYSTOTOMY NEC
57.21	VESICOSTOMY
57.22	REVISE CLO VESICOSTOMY
57.34	OPEN BLADDER BIOPSY
57.39	BLADDER DIAGNOS PROC NEC
57.41	TU ADHESIOLYSIS BLADDER
57.49	TU DESTRUC BLADD LES NEC

Table 5.16 Urological/Perineal Codes	
Code	Shortened Description
57.59	BLADDER LES DESTRUCT NEC
57.6	PARTIAL CYSTECTOMY
57.71	RADICAL CYSTECTOMY
57.79	TOTAL CYSTECTOMY NEC
57.81	SUTURE BLADDER LACERAT
57.82	CYSTOSTOMY CLOSURE
57.83	ENTEROVESICO FIST REPAIR
57.84	VESIC FISTULA REPAIR NEC
57.85	CYSTOURETHROPLASTY
57.86	BLADDER EXSTROPHY REPAIR
57.87	BLADDER RECONSTRUCTION
57.88	BLADDER ANASTOMOSIS NEC
57.89	BLADDER REPAIR NEC
57.91	BLADDER SPHINCTEROTOMY
57.92	BLADDER NECK DILATION
57.93	CONTROL BLADD HEMORRHAGE
57.96	IMPLANT BLADDER STIMULAT
57.97	REPLACE BLADDER STIMULAT
57.98	REMOVE BLADDER STIMULAT
57.99	BLADDER OPERATION NEC
58.0	URETHROTOMY
58.1	URETHRAL MEATOTOMY
58.31	ENDOSC DESTR URETHRA LES
58.39	OTHER DESTRU URETHRA LES
58.41	SUTURE URETHRAL LACERAT
58.42	URETHROSTOMY CLOSURE
58.43	CLOSE URETH FISTULA NEC
58.44	URETHRAL REANASTOMOSIS
58.45	HYPO-EPISPADIUS REPAIR
58.46	URETH RECONSTRUCTION NEC
58.47	URETHRAL MEATOPLASTY
58.49	URETHRAL REPAIR NEC
58.5	URETH STRICTURE RELEASE
58.91	PERIURETHRAL INCISION
58.92	PERIURETHRAL EXCISION
58.93	IMPLT ARTF URIN SPHINCT
58.99	URETH/PERIURETH OP NEC
59.00	RETROPERIT DISSECT NOS
59.02	PERIREN ADHESIO LYS NEC
59.03	LAP LYS PERIREN/URET ADH
59.09	PERIREN/URETER INCIS NEC
59.11	OTH LYS PERIVES ADHESIO
59.12	LAP LYS PERIVESURETH ADH
59.19	PERIVESICAL INCISION NEC
59.3	URETHROVES JUNCT PLICAT

Table 5.16 Urological/Perineal Codes	
Code	Shortened Description
59.4	SUPRAPUBIC SLING OP
59.5	RETROPUBIC URETH SUSPENS
59.6	PARAURETHRAL SUSPENSION
59.71	LEVATOR MUSC SUSPENSION
59.79	URIN INCONTIN REPAIR NEC
59.91	PERIREN/VESICLE EXCISION
59.92	PERIREN/VESICLE OP NEC
60.0	INCISION OF PROSTATE
60.12	OPEN PROSTATIC BIOPSY
60.14	OPEN SEMINAL VESICLES BX
60.15	PERIPROSTATIC BIOPSY
60.18	PROSTATIC DX PROCED NEC
60.19	SEMIN VES DX PROCED NEC
60.21	TRANSURETH PROSTATECTOMY
60.29	OTH TRANSURETH PROSTATEC
60.3	SUPRAPUBIC PROSTATECTOMY
60.4	RETROPUBIC PROSTATECTOMY
60.5	RADICAL PROSTATECTOMY
60.61	LOS EXCIS PROSTATIC LES
60.62	PERINEAL PROSTATECTOMY
60.69	PROSTATECTOMY NEC
60.71	PERCUT SEMIN VES ASPIRAT
60.72	SEMINAL VESICLE INCISION
60.73	SEMINAL VESICLE EXCISION
60.79	SEMINAL VESICLE OP NEC
60.81	PERIPROSTATIC INCISION
60.82	PERIPROSTATIC EXCISION
60.93	REPAIR OF PROSTATE
60.94	CONTROL PROSTATE HEMORR
60.95	TRANS BAL DIL PROS URETH
60.96	TU DESTR PROSTATE BY MT
60.97	OTH TU DESTR PROS - RT
60.99	PROSTATIC OPERATION NEC
61.0	SCROTUM & TUNICA I & D
61.2	EXCISION OF HYDROCELE
61.3	SCROTAL LES DESTRUCTION
61.41	SUTURE SCROTAL LACERAT
61.42	SCROTAL FISTULA REPAIR
61.49	SCROTUM/TUNIC REPAIR NEC
61.91	PERCUT TUNICA ASPIRATION
61.92	EXCISION TUNICA LES NEC
61.99	SCROTUM & TUNICA OP NEC
62.0	INCISION OF TESTES
62.12	OPEN TESTICULAR BIOPSY
62.19	TESTES DX PROCEDURE NEC

Table 5.16 Urological/Perineal Codes	
Code	Shortened Description
62.2	TESTICULAR LES DESTRUCT
62.3	UNILATERAL ORCHIECTOMY
62.41	REMOVE BOTH TESTES
62.42	REMOVE SOLITARY TESTIS
62.5	ORCHIOPEXY
62.61	SUTURE TESTICULAR LACER
62.69	TESTICULAR REPAIR NEC
62.7	INSERT TESTICULAR PROSTH
62.99	TESTICULAR OPERATION NEC
63.01	SPERMATIC CORD/VAS BIOPS
63.09	SPERMAT CORD/VAS DX NEC
63.1	EXC SPERMATIC VARICOCELE
63.2	EXCISE EPIDIDYMIS CYST
63.3	EXCISE CORD/EPID LES NEC
63.4	EPIDIDYMECTOMY
63.51	SUTURE CORD & EPID LACER
63.52	REDUCTION TORSION TESTES
63.53	TRANSPLANT SPERMAT CORD
63.59	CORD & EPIDID REPAIR NEC
63.6	VASOTOMY
63.70	MALE STERILIZATION NOS
63.71	LIGATION OF VAS DEFERENS
63.72	SPERMATIC CORD LIGATION
63.73	VASECTOMY
63.81	SUTURE VAS & EPIDID LAC
63.82	POSTOP VAS RECONSTRUCT
63.83	EPIDIDYMOVASOSTOMY
63.84	REMOVAL VAS LIGATURE
63.85	REMOV VAS DEFERENS VALVE
63.89	VAS & EPIDIDY REPAIR NEC
63.91	SPERMATOCELE ASPIRATION
63.92	EPIDIDYMYOTOMY
63.93	SPERMATIC CORD INCISION
63.94	SPERM CORD ADHESIOLYSIS
63.95	INSERT VALVE IN VAS DEF
63.99	CORD/EPID/VAS OPS NEC
64.0	CIRCUMCISION
64.11	PENILE BIOPSY
64.19	PENILE DIAGNOST PROC NEC
64.2	LOCAL EXCIS PENILE LES
64.3	AMPUTATION OF PENIS
64.41	SUTURE PENILE LACERATION
64.42	RELEASE OF CHORDEE
64.43	CONSTRUCTION OF PENIS
64.44	RECONSTRUCTION OF PENIS

Table 5.16 Urological/Perineal Codes	
Code	Shortened Description
64.45	REPLANTATION OF PENIS
64.49	PENILE REPAIR NEC
64.5	SEX TRANSFORMAT OP NEC
64.91	DORSAL/LAT SLIT PREPUCE
64.92	INCISION OF PENIS
64.93	DIVISION OF PENILE ADHES
64.94	FIT EXT PENILE PROSTHES
64.95	INS NONINFL PENIS PROSTH
64.96	REMOVE INT PENILE PROSTH
64.97	INS INFLATE PENIS PROSTH
64.98	PENILE OPERATION NEC
64.99	MALE GENITAL OP NEC
65.01	LAPAROSCOPIC OOPHOROTOMY
65.09	OTHER OOPHOROTOMY
65.11	OVARIAN ASPIRAT BIOPSY
65.12	OVARIAN BIOPSY NEC
65.13	LAP BIOPSY OF OVARY
65.14	OTH LAP DX PROC OVARIES
65.19	OVARIAN DX PROCEDURE NEC
65.21	OVARIAN CYST MARSUPIALIZ
65.22	OVARIAN WEDGE RESECTION
65.23	LAP MARSUP OVARIAN CYST
65.24	LAP WEDGE RESECT OVARY
65.25	OTH LAP LOC EXC DEST OVA
65.29	LOCAL DESTR OVA LES NEC
65.31	LAP UNILAT OOPHORECTOMY
65.39	OTH UNILAT OOPHORECTOMY
65.41	LAP UNI SALPINGO-OOPHOR
65.49	OTH UNI SALPINGO-OOPHOR
65.51	OTH REMOVE BOTH OVARIES
65.52	OTH REMOVE REMAIN OVARY
65.53	LAP REMOVE BOTH OVARIES
65.54	LAP REMOVE REMAIN OVARY
65.61	OTH REMOVE OVARIES/TUBES
65.62	OTH REMOVE REM OVA/TUBE
65.63	LAP REMOVE OVARIES/TUBES
65.64	LAP REMOVE REM OVA/TUBE
65.71	OTH SIMPLE SUTURE OVARY
65.72	OTH REIMPLANT OF OVARY
65.73	OTH SALPINGO-OOPHOROPLAS
65.74	LAP SIMPLE SUTURE OVARY
65.75	LAP REIMPLANT OF OVARY
65.76	LAP SALPINGO-OOPHOROPLAS
65.79	REPAIR OF OVARY NEC
65.81	LAP ADHESIOLYS OVA/TUBE

Table 5.16 Urological/Perineal Codes	
Code	Shortened Description
65.89	ADHESIOLYSIS OVARY/TUBE
65.91	ASPIRATION OF OVARY
65.92	TRANSPLANTATION OF OVARY
65.93	MANUAL RUPT OVARIAN CYST
65.94	OVARIAN DENERVATION
65.95	OVARIAN TORSION RELEASE
65.99	OVARIAN OPERATION NEC
66.01	SALPINGOTOMY
66.02	SALPINGOSTOMY
66.11	FALLOPIAN TUBE BIOPSY
66.19	FALLOP TUBE DX PROC NEC
66.21	BILAT ENDOSC CRUSH TUBE
66.22	BILAT ENDOSC DIVIS TUBE
66.29	BILAT ENDOS OCC TUBE NEC
66.31	BILAT TUBAL CRUSHING NEC
66.32	BILAT TUBAL DIVISION NEC
66.39	BILAT TUBAL DESTRUCT NEC
66.4	TOTAL UNILAT SALPINGECT
66.51	REMOVE BOTH FALLOP TUBES
66.52	REMOVE SOLITARY FAL TUBE
66.61	DESTROY FALLOP TUBE LES
66.62	REMOV TUBE & ECTOP PREG
66.63	BILAT PART SALPINGEC NOS
66.69	PARTIAL SALPINGECTOM NEC
66.71	SIMPL SUTURE FALLOP TUBE
66.72	SALPINGO-OOPHOROSTOMY
66.73	SALPINGO-SALPINGOSTOMY
66.74	SALPINGO-UTEROSTOMY
66.79	FALLOP TUBE REPAIR NEC
66.8	FALLOPIAN TUBE INSUFFLAT
66.91	FALLOPIAN TUBE ASPIRAT
66.92	UNILAT FALLOP TUBE DESTR
66.93	IMPL FALLOP TUBE PROSTH
66.94	REMOV FALLOP TUBE PROSTH
66.95	BLOW THERAPEUT INTO TUBE
66.96	FALLOPIAN TUBE DILATION
66.97	BURY FIMBRIAE IN UTERUS
66.99	FALLOPIAN TUBE OP NEC
67.0	CERVICAL CANAL DILATION
67.11	ENDOCERVICAL BIOPSY
67.12	CERVICAL BIOPSY NEC
67.19	CERVICAL DX PROCEDUR NEC
67.2	CONIZATION OF CERVIX
67.31	CERVICAL CYST MARSUPIAL
67.32	CERVICAL LES CAUTERIZAT

Table 5.16 Urological/Perineal Codes	
Code	Shortened Description
67.33	CERVICAL LES CRYOTHERAPY
67.39	CERVICAL LES DESTRUC NEC
67.4	AMPUTATION OF CERVIX
67.51	TRANSAB CERCLAGE CERVIX
67.59	OTH REP INT CERVICAL OS
67.61	SUTURE CERVICAL LACERAT
67.62	CERVICAL FISTULA REPAIR
67.69	CERVICAL REPAIR NEC
68.0	HYSTEROTOMY
68.11	DIGITAL EXAM OF UTERUS
68.12	HYSTEROSCOPY
68.13	OPEN UTERINE BIOPSY
68.14	OPEN UTERINE LIGAMENT BX
68.15	CLOS UTERINE LIGAMENT BX
68.16	CLOSED UTERINE BIOPSY
68.19	UTERUS/ADNEX DX PROC NEC
68.21	ENDOMET SYNECHIAE DIVIS
68.22	INCISION UTERINE SEPTUM
68.23	ENDOMETRIAL ABLATION
68.29	UTERINE LES DESTRUCT NEC
68.31	LAP SCERVIC HYSTERECTOMY
68.39	SUBTOTL ABD HYST NEC/NOS
68.41	LAP TOTAL ABDOMINAL HYST
68.49	TOTAL ABD HYST NEC/NOS
68.51	LAP AST VAG HYSTERECTOMY
68.59	VAG HYSTERECTOMY NEC/NOS
68.61	LAP RADICAL ABDOMNL HYST
68.69	RADICAL ABD HYST NEC/NOS
68.71	LAP RADICAL VAGINAL HYST
68.79	RADICAL VAG HYST NEC/NOS
68.8	PELVIC EVISCERATION
68.9	HYSTERECTOMY NEC/NOS
69.01	D & C FOR PREG TERMINAT
69.02	D & C POST DELIVERY
69.09	D & C NEC
69.19	DESTRUC UTER SUPPORT NEC
69.21	INTERPOSIT OP UTERIN LIG
69.22	UTERINE SUSPENSION NEC
69.23	VAG REPAIR INVERS UTERUS
69.29	UTERUS/ADNEXA REPAIR NEC
69.3	PARACERV UTERINE DENERV
69.41	SUTURE UTERINE LACERAT
69.42	CLOSURE UTERINE FISTULA
69.49	UTERINE REPAIR NEC
69.51	ASPIRAT CURET-PREG TERMI

Table 5.16 Urological/Perineal Codes	
Code	Shortened Description
69.52	ASPIRAT CURET-POST DELIV
69.59	ASPIR CURETT UTERUS NEC
69.6	MENSTRUAL EXTRACTION
69.7	INSERTION OF IUD
69.91	INSERT UTERINE DEVICE
69.92	ARTIFICIAL INSEMINATION
69.93	INSERTION OF LAMINARIA
69.94	MAN REPLACE INVERT UTER
69.95	INCISION OF CERVIX
69.96	REMOVE CERVICAL CERCLAGE
69.97	REMOVE PENETRAT CERV FB
69.98	UTERINE SUPPORT OP NEC
69.99	UTERINE OPERATION NEC
70.0	CULDOCENTESIS
70.11	HYMENOTOMY
70.12	CULDOTOMY
70.13	INTRALUM VAG ADHESIOLYS
70.14	VAGINOTOMY NEC
70.21	VAGINOSCOPY
70.22	CULDOSCOPY
70.23	CUL-DE-SAC BIOPSY
70.24	VAGINAL BIOPSY
70.29	VAGIN/CUL-DE-SAC DX NEC
70.31	HYMENECTOMY
70.32	EXCIS CUL-DE-SAC LESION
70.33	EXCISION VAGINAL LESION
70.4	VAGINAL OBLITERATION
70.50	CYSTOCEL/RECTOCEL REPAIR
70.51	CYSTOCELE REPAIR
70.52	RECTOCELE REPAIR
70.53	CYSTO & RECTO W GRF/PROS
70.54	REP CYSTOCEL W GRFT/PROS
70.55	REP RECTOCELE W GRF/PROS
70.61	VAGINAL CONSTRUCTION
70.62	VAGINAL RECONSTRUCTION
70.63	VAGINAL CONST W GRF/PROS
70.64	VAG RECONST W GRFT/PROS
70.71	SUTURE VAGINA LACERATION
70.72	REPAIR COLOVAGIN FISTULA
70.73	REPAIR RECTOVAG FISTULA
70.74	REP VAGINOENT FISTUL NEC
70.75	REPAIR VAG FISTULA NEC
70.76	HYMENORRHAPHY
70.77	VAGINAL SUSPENS & FIXAT
70.78	VAG SUSP/FIX W GRFT/PROS

Table 5.16 Urological/Perineal Codes	
Code	Shortened Description
70.79	VAGINAL REPAIR NEC
70.8	VAGINAL VAULT OBLITERAT
70.91	VAGINAL OPERATION NEC
70.92	CUL-DE-SAC OPERATION NEC
70.93	CUL-DE-SAC GRF/PROS NEC
70.94	INSERT BIOLOGICAL GRAFT
70.95	INSERT SYNTH GRAFT/PROST
71.01	VULVAR ADHESIOLYSIS
71.09	INCIS VULVA/PERINEUM NEC
71.11	VULVAR BIOPSY
71.19	VULVAR DIAGNOS PROC NEC
71.21	PERCUTAN BARTHOLIN ASPIR
71.22	INCISE BARTHOLIN'S GLAND
71.23	BARTHOLIN GLAND MARSUP
71.24	DESTRUC BARTHOLIN GLAND
71.29	BARTHOLIN'S GLAND OP NEC
71.3	LOCAL VULVAR EXCIS NEC
71.4	OPERATIONS ON CLITORIS
71.5	RADICAL VULVECTOMY
71.61	UNILATERAL VULVECTOMY
71.62	BILATERAL VULVECTOMY
71.71	SUTURE VULVAR LACERATION
71.72	REPAIR VULVAR FISTULA
71.79	VULVAR/PERIN REPAIR NEC
71.8	OTHER VULVAR OPERATIONS
71.9	OTHER FEMALE GENITAL OPS

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Table 5.17 Intracranial Neurosurgery	
Code	Shortened Description
01.21	CRANIAL SINUS I & D
01.23	REOPEN CRANIOTOMY SITE
01.24	OTHER CRANIOTOMY
01.25	OTHER CRANIECTOMY
01.31	INCISE CEREBRAL MENINGES
01.32	LOBOTOMY & TRACTOTOMY
01.39	OTHER BRAIN INCISION
01.41	THALAMUS OPERATIONS
01.42	GLOBUS PALLIDUS OPS
01.51	EX CEREB MENINGEAL LES
01.52	HEMISPHERECTOMY
01.53	BRAIN LOBECTOMY
01.59	OTHER BRAIN EXCISION

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Table 5.19 General Surgery	
Code	Shortened Description
17.31	LAP MUL SEG RES LG INTES
17.32	LAPAROSCOPIC CECECTOMY
17.33	LAP RIGHT HEMICOLECTOMY
17.34	LAP RES TRANSVERSE COLON
17.35	LAP LEFT HEMICOLECTOMY
17.36	LAP SIGMOIDECTOMY
17.39	LAP PT EX LRG INTEST NEC
32.39	OTH SEG LUNG RESECT NOS
32.49	LOBECTOMY OF LUNG NEC
32.59	OTHER PNEUMONECTOMY NOS
34.51	DECORTICATION OF LUNG
34.59	OTHER PLEURAL EXCISION
34.81	EXCISE DIAPHRAGM LESION
34.82	SUTURE DIAPHRAGM LACERAT
34.83	CLOSE DIAPHRAGM FISTULA
34.84	OTHER DIAPHRAGM REPAIR
34.89	DIAPHRAGM OPERATION NEC
41.5	TOTAL SPLENECTOMY
42.01	ESOPHAGEAL WEB INCISION
42.09	ESOPHAGEAL INCISION NEC
42.10	ESOPHAGOSTOMY NOS
42.11	CERVICAL ESOPHAGOSTOMY
42.12	ESOPH POUCH EXTERIORIZAT
42.19	EXT FISTULIZAT ESOPH NEC
42.40	ESOPHAGECTOMY NOS
42.41	PARTIAL ESOPHAGECTOMY
42.42	TOTAL ESOPHAGECTOMY
42.51	THORAC ESOPHAGOEESOPHAGOS
42.52	THORAC ESOPHAGOGASTROST
42.53	THORAC SM BOWEL INTERPOS
42.54	THORAC ESOPHAGOENTER NEC
42.55	THORAC LG BOWEL INTERPOS
42.56	THORAC ESOPHAGOCOLOS NEC
42.58	THORAC INTERPOSITION NEC
42.59	THORAC ESOPHAG ANAST NEC
42.61	STERN ESOPHAGOEESOPHAGOST
42.62	STERN ESOPHAGOGASTROSTOM
42.63	STERN SM BOWEL INTERPOS
42.64	STERN ESOPHAGOENTER NEC

Table 5.19 General Surgery	
Code	Shortened Description
42.65	STERN LG BOWEL INTERPOS
42.66	STERN ESOPHAGOCOLOS NEC
42.68	STERN INTERPOSITION NEC
42.69	STERN ESOPHAG ANAST NEC
42.82	SUTURE ESOPHAGEAL LACER
42.83	ESOPHAGOSTOMY CLOSURE
42.84	ESOPH FISTULA REPAIR NEC
42.85	ESOPHAG STRICTURE REPAIR
42.86	PROD SUBQ TUNNEL NO ANAS
42.87	ESOPHAGEAL GRAFT NEC
42.89	ESOPHAGEAL REPAIR NEC
43.5	PROXIMAL GASTRECTOMY
43.6	DISTAL GASTRECTOMY
43.7	PART GASTREC W JEJ ANAST
43.81	PART GAST W JEJ TRANSPOS
43.89	PARTIAL GASTRECTOMY NEC
43.91	TOT GAST W INTES INTERPO
43.99	TOTAL GASTRECTOMY NEC
44.00	VAGOTOMY NOS
44.01	TRUNCAL VAGOTOMY
44.02	HIGHLY SELECT VAGOTOMY
44.03	SELECTIVE VAGOTOMY NEC
44.21	DILATE PYLORUS, INCISION
44.29	OTHER PYLOROPLASTY
44.31	HIGH GASTRIC BYPASS
44.39	GASTROENTEROSTOMY NEC
44.40	SUTURE PEPTIC ULCER NOS
44.41	SUT GASTRIC ULCER SITE
44.42	SUTURE DUODEN ULCER SITE
44.5	REVISION GASTRIC ANASTOM
44.61	SUTURE GASTRIC LACERAT
44.63	CLOSE GASTRIC FISTUL NEC
44.64	GASTROPEXY
44.65	ESOPHAGOGASTROPLASTY
44.66	CREAT ESOPHAGASTR SPHINC
44.69	GASTRIC REPAIR NEC
44.91	LIGATE GASTRIC VARICES
44.92	INTRAOP GASTRIC MANIPUL
44.99	GASTRIC OPERATION NEC
45.00	INTESTINAL INCISION NOS
45.01	DUODENAL INCISION
45.02	SMALL BOWEL INCISION NEC
45.03	LARGE BOWEL INCISION
45.31	OTH EXCISE DUODENUM LES

Table 5.19 General Surgery	
Code	Shortened Description
45.32	DESTRUCT DUODEN LES NEC
45.33	LOCAL EXCIS SM BOWEL NEC
45.34	DESTR SM BOWEL LES NEC
45.41	EXCISE LG INTESTINE LES
45.49	DESTRUC LG BOWEL LES NEC
45.50	INTEST SEG ISOLAT NOS
45.51	SM BOWEL SEGMENT ISOLAT
45.52	LG BOWEL SEGMENT ISOLAT
45.61	MULT SEG SM BOWEL EXCIS
45.62	PART SM BOWEL RESECT NEC
45.63	TOTAL REMOVAL SM BOWEL
45.71	OPN MUL SEG LG INTES NEC
45.72	OPEN CECECTOMY NEC
45.73	OPN RT HEMICOLECTOMY NEC
45.74	OPN TRANSV COLON RES NEC
45.75	OPN LFT HEMICOLECTMY NEC
45.76	OPEN SIGMOIDECTOMY NEC
45.79	PRT LG INTES EXC NEC/NOS
45.82	OP TOT INTR-ABD COLECTMY
45.83	TOT ABD COLECTMY NEC/NOS
45.90	INTESTINAL ANASTOM NOS
45.91	SM-TO-SM BOWEL ANASTOM
45.92	SM BOWEL-RECT STUMP ANAS
45.93	SMALL-TO-LARGE BOWEL NEC
45.94	LG-TO-LG BOWEL ANASTOM
45.95	ANAL ANASTOMOSIS
46.01	SM BOWEL EXTERIORIZATION
46.02	RESECT EXT SEG SM BOWEL
46.03	LG BOWEL EXTERIORIZATION
46.04	RESECT EXT SEG LG BOWEL
46.11	TEMPORARY COLOSTOMY
46.13	PERMANENT COLOSTOMY
46.20	ILEOSTOMY NOS
46.21	TEMPORARY ILEOSTOMY
46.22	CONTINENT ILEOSTOMY
46.23	PERMANENT ILEOSTOMY NEC
46.42	PERICOLOST HERNIA REPAIR
46.43	LG BOWEL STOMA REVIS NEC
46.50	INTEST STOMA CLOSURE NOS
46.51	SM BOWEL STOMA CLOSURE
46.52	LG BOWEL STOMA CLOSURE
46.60	INTESTINAL FIXATION NOS
46.61	SM BOWEL-ABD WALL FIXAT
46.62	SMALL BOWEL FIXATION NEC

Table 5.19 General Surgery	
Code	Shortened Description
46.63	LG BOWEL-ABD WALL FIXAT
46.64	LARGE BOWEL FIXATION NEC
46.71	DUODENAL LACERAT SUTURE
46.72	DUODENAL FISTULA CLOSURE
46.76	CLOSE LG BOWEL FISTULA
46.79	REPAIR OF INTESTINE NEC
48.0	PROCTOTOMY
48.1	PROCTOSTOMY
48.41	SOAVE SUBMUC RECT RESECT
48.49	PULL-THRU RECT RESEC NEC
48.50	ABDPERNEAL RES RECTM NOS
48.52	OPN ABDPERNEAL RESC REC
48.59	ABDPERNEAL RESC RECT NEC
48.61	TRANSAC RECTOSIGMOIDECT
48.62	ANT RECT RESECT W COLOST
48.63	ANTERIOR RECT RESECT NEC
48.64	POSTERIOR RECT RESECTION
48.65	DUHAMEL RECTAL RESECTION
48.69	RECTAL RESECTION NEC
48.74	RECTORECTOSTOMY
48.75	ABDOMINAL PROCTOPEXY
48.76	PROCTOPEXY NEC
50.0	HEPATOTOMY
50.21	MARSUPIALIZAT LIVER LES
50.22	PARTIAL HEPATECTOMY
50.29	DESTRUC HEPATIC LES NEC
50.3	HEPATIC LOBECTOMY
51.31	GB-TO-HEPAT DUCT ANAST
51.32	GB-TO-INTESTINE ANASTOM
51.33	GB-TO-PANCREAS ANASTOM
51.34	GB-TO-STOMACH ANASTOMOS
51.35	GALLBLADDER ANASTOM NEC
51.36	CHOLEDOCHOENTEROSTOMY
51.37	HEPATIC DUCT-GI ANASTOM
51.39	BILE DUCT ANASTOMOS NEC
51.41	CDE FOR CALCULUS REMOV
51.42	CDE FOR OBSTRUCTION NEC
51.49	INCIS OBSTR BILE DUC NEC
51.51	COMMON DUCT EXPLORATION
51.59	BILE DUCT INCISION NEC
51.61	EXCIS CYST DUCT REMNANT
51.62	EXCIS AMPULLA OF VATER
51.63	COMMON DUCT EXCIS NEC
51.69	BILE DUCT EXCISION NEC

Table 5.19 General Surgery	
Code	Shortened Description
51.71	SIMPLE SUT-COMMON DUCT
51.72	CHOLEDOCHOPLASTY
51.79	BILE DUCT REPAIR NEC
51.81	SPHINCTER OF ODDI DILAT
51.82	PANCREAT SPHINCTEROTOM
51.83	PANCREAT SPHINCTEROPLAS
51.89	SPHINCT OF ODDI OP NEC
51.91	REPAIR GB LACERATION
51.92	CLOSURE CHOLECYSTOSTOMY
51.93	CLOS BILIARY FISTUL NEC
51.94	REVIS BILE TRACT ANASTOM
51.95	REMOVE BILE DUCT PROSTH
51.99	BILIARY TRACT OP NEC
52.09	PANCREATOTOMY NEC
52.22	OTHER DESTRU PANCREA LES
52.3	PANCREAT CYST MARSUPIALI
52.4	INT DRAIN PANCREAT CYST
52.51	PROXIMAL PANCREATECTOMY
52.52	DISTAL PANCREATECTOMY
52.53	RAD SUBTOT PANCREATECTOM
52.59	PARTIAL PANCREATECT NEC
52.6	TOTAL PANCREATECTOMY
52.7	RAD PANCREATICODUODENECT
52.92	CANNULATION PANCREA DUC
52.95	PANCREATIC REPAIR NEC
52.96	PANCREATIC ANASTOMOSIS
52.99	PANCREATIC OPERATION NEC
53.72	OPN ABD DIAPHRM HERN NEC
53.75	ABD REP-DIAPHR HERN NOS
53.80	THOR REP-DIAPH HERN NOS
53.81	DIAPHRAGMATIC PLICATION
53.82	PARASTERN HERNIA REPAIR
53.84	OPN THORC DIAPH HERN NEC
54.11	EXPLORATORY LAPAROTOMY
54.12	REOPEN RECENT LAP SITE
54.19	LAPAROTOMY NEC
54.4	DESTRUCT PERITONEAL TISS
54.59	OTH PERITON ADHESIOLYSIS
54.61	RECLOSE POST OP DISRUPT
54.62	DELAYED CLOS ABD WOUND
54.63	ABD WALL SUTURE NEC
54.64	PERITONEAL SUTURE
54.71	REPAIR OF GASTROSCHISIS
54.72	ABDOMEN WALL REPAIR NEC

Table 5.19 General Surgery	
Code	Shortened Description
54.73	PERITONEAL REPAIR NEC
54.74	OMENTAL REPAIR NEC
54.75	MESENTERIC REPAIR NEC
54.92	REMOVE FB FROM PERITON
54.94	CREAT PERITONEOVAS SHUNT
54.95	PERITONEAL INCISION

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Table 5.20 Gynecological Surgery	
Code	Shortened Description
65.22	OVARIAN WEDGE RESECTION
65.29	LOCAL DESTR OVA LES NEC
65.39	OTH UNILAT OOPHORECTOMY
65.49	OTH UNI SALPINGO-OOPHOR
65.51	OTH REMOVE BOTH OVARIES
65.52	OTH REMOVE REMAIN OVARY
65.61	OTH REMOVE OVARIES/TUBES
65.62	OTH REMOVE REM OVA/TUBE
66.4	TOTAL UNILAT SALPINGECT
66.51	REMOVE BOTH FALLOP TUBES
66.52	REMOVE SOLITARY FAL TUBE
66.61	DESTROY FALLOP TUBE LES
66.62	REMOV TUBE & ECTOP PREG
66.63	BILAT PART SALPINGEC NOS
66.69	PARTIAL SALPINGECTOM NEC
68.31	LAP SCERVIC HYSTERECTOMY
68.49	TOTAL ABD HYST NEC/NOS
68.51	LAP AST VAG HYSTERECTOMY
68.59	VAG HYSTERECTOMY NEC/NOS
68.69	RADICAL ABD HYST NEC/NOS
68.79	RADICAL VAG HYST NEC/NOS

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Table 5.21 Urological Surgery	
Code	Shortened Description
55.4	PARTIAL NEPHRECTOMY
55.51	NEPHROURETERECTOMY
55.52	SOLITARY KIDNEY NEPHRECT
55.53	REJECTED KIDNEY NEPHRECT
55.54	BILATERAL NEPHRECTOMY
56.51	FORM CUTAN ILEOURETEROST
56.52	REVIS CUTAN ILEOURETEROS

Table 5.21 Urological Surgery	
Code	Shortened Description
56.71	URIN DIVERSION TO BOWEL
56.72	REVIS URETEROENTEROSTOMY
56.73	NEPHROCYSTANASTOMOSI NOS
56.74	URETERONEOCYSTOSTOMY
56.75	TRANSURETEROURETEROSTOMY
56.79	URETERAL ANASTOMOSIS NEC
57.6	PARTIAL CYSTECTOMY
57.71	RADICAL CYSTECTOMY
57.79	TOTAL CYSTECTOMY NEC
57.81	SUTURE BLADDER LACERAT
57.82	CYSTOSTOMY CLOSURE
57.83	ENTEROVESICO FIST REPAIR
57.84	VESIC FISTULA REPAIR NEC
57.85	CYSTOURETHROPLASTY
57.86	BLADDER EXSTROPHY REPAIR
57.87	BLADDER RECONSTRUCTION
57.88	BLADDER ANASTOMOSIS NEC
57.89	BLADDER REPAIR NEC
59.00	RETROPERIT DISSECT NOS
59.02	PERIREN ADHESIOLYS NEC
59.09	PERIREN/URETER INCIS NEC
60.3	SUPRAPUBIC PROSTATECTOMY
60.4	RETROPUBIC PROSTATECTOMY
60.5	RADICAL PROSTATECTOMY

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Table 5.22 Elective Hip Replacement	
Code	Shortened Description
00.70	REV HIP REPL-ACETAB/FEM
00.71	REV HIP REPL-ACETAB COMP
00.72	REV HIP REPL-FEM COMP
00.73	REV HIP REPL-LINER/HEAD
00.77	HIP SURFACE, CERMC/POLY
00.85	RESRF HIP,TOTAL-ACET/FEM
00.86	RESRF HIP,PART-FEM HEAD
00.87	RESRF HIP,PART-ACETABLUM
81.51	TOTAL HIP REPLACEMENT
81.52	PARTIAL HIP REPLACEMENT
81.53	REVISE HIP REPLACEMT NOS

Table 5.23 Elective Total Knee Replacement	
Code	Shortened Description
00.80	REV KNEE REPLACENT-TOTAL
00.81	REV KNEE REPL-TIBIA COMP
00.82	REV KNEE REPL-FEMUR COMP
00.83	REV KNEE REPLACE-PATELLA
00.84	REV KNEE REPL-TIBIA LIN
81.54	TOTAL KNEE REPLACEMENT
81.55	REVISE KNEE REPLACE NOS

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Table 5.24 Hip Fracture Surgery	
Code	Shortened Description
81.40	REPAIR OF HIP, NEC

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Table 5.25 Other Major Surgery for Sampling	
Code	Shortened Description
00.70	REV HIP REPL-ACETAB/FEM
00.71	REV HIP REPL-ACETAB COMP
00.72	REV HIP REPL-FEM COMP
00.73	REV HIP REPL-LINER/HEAD
00.77	HIP SURFACE, CERMC/POLY
00.80	REV KNEE REPLACENT-TOTAL
00.81	REV KNEE REPL-TIBIA COMP
00.82	REV KNEE REPL-FEMUR COMP
00.83	REV KNEE REPLACE-PATELLA
00.84	REV KNEE REPL-TIBIA LIN
00.85	RESRF HIP,TOTAL-ACET/FEM
00.86	RESRF HIP,PART-FEM HEAD
00.87	RESRF HIP,PART-ACETABLUM
01.21	CRANIAL SINUS I & D
01.23	REOPEN CRANIOTOMY SITE
01.24	OTHER CRANIOTOMY
01.25	OTHER CRANIECTOMY
01.31	INCISE CEREBRAL MENINGES
01.32	LOBOTOMY & TRACTOTOMY
01.39	OTHER BRAIN INCISION
01.41	THALAMUS OPERATIONS
01.42	GLOBUS PALLIDUS OPS
01.51	EX CEREB MENINGEAL LES
01.52	HEMISPHERECTOMY
01.53	BRAIN LOBECTOMY

Table 5.25 Other Major Surgery for Sampling	
Code	Shortened Description
01.59	OTHER BRAIN EXCISION
32.39	OTH SEG LUNG RESECT NOS
32.49	LOBECTOMY OF LUNG NEC
32.59	OTHER PNEUMONECTOMY NOS
34.51	DECORTICATION OF LUNG
34.59	OTHER PLEURAL EXCISION
34.81	EXCISE DIAPHRAGM LESION
34.82	SUTURE DIAPHRAGM LACERAT
34.83	CLOSE DIAPHRAGM FISTULA
34.84	OTHER DIAPHRAGM REPAIR
34.89	DIAPHRAGM OPERATION NEC
35.71	ATRIA SEPTA DEF REP NEC
36.03	OPEN CORONRY ANGIOPLASTY
36.31	OPEN CHEST TRANS REVASC
36.91	CORON VESS ANEURYSM REP
36.99	HEART VESSEL OP NEC
37.10	INCISION OF HEART NOS
37.11	CARDIOTOMY
37.32	HEART ANEURYSM EXCISION
37.33	EXC/DEST HRT LESION OPEN
37.35	PARTIAL VENTRICULECTOMY
37.36	EXC LEFT ATRIAL APPENDAG
37.41	IMPL CARDIAC SUPPORT DEV
37.49	HEART/PERICARD REPR NEC
37.51	HEART TRANSPLANTATION
37.52	IMP TOT INT BI HT RP SYS
37.53	REPL/REP THR UNT TOT HRT
37.54	REPL/REP OTH TOT HRT SYS
37.55	REM INT BIVENT HRT SYS
37.60	IMP BIVN EXT HRT AST SYS
37.62	INSRT NON-IMPL CIRC DEV
37.63	REPAIR HEART ASSIST SYS
37.64	REMVE EXT HRT ASSIST SYS
37.66	IMPLANTABLE HRT ASSIST
37.67	IMP CARDIOMYOSTIMUL SYS
41.5	TOTAL SPLENECTOMY
42.01	ESOPHAGEAL WEB INCISION
42.09	ESOPHAGEAL INCISION NEC
42.10	ESOPHAGOSTOMY NOS
42.11	CERVICAL ESOPHAGOSTOMY
42.12	ESOPH POUCH EXTERIORIZAT
42.19	EXT FISTULIZAT ESOPH NEC
42.40	ESOPHAGECTOMY NOS
42.41	PARTIAL ESOPHAGECTOMY
42.42	TOTAL ESOPHAGECTOMY

Table 5.25 Other Major Surgery for Sampling	
Code	Shortened Description
42.51	THORAC ESOPHAGUESOPHAGOS
42.52	THORAC ESOPHAGOGASTROST
42.53	THORAC SM BOWEL INTERPOS
42.54	THORAC ESOPHAGOENTER NEC
42.55	THORAC LG BOWEL INTERPOS
42.56	THORAC ESOPHAGOCOLOS NEC
42.58	THORAC INTERPOSITION NEC
42.59	THORAC ESOPHAG ANAST NEC
42.61	STERN ESOPHAGUESOPHAGOST
42.62	STERN ESOPHAGOGASTROSTOM
42.63	STERN SM BOWEL INTERPOS
42.64	STERN ESOPHAGOENTER NEC
42.65	STERN LG BOWEL INTERPOS
42.66	STERN ESOPHAGOCOLOS NEC
42.68	STERN INTERPOSITION NEC
42.69	STERN ESOPHAG ANAST NEC
42.82	SUTURE ESOPHAGEAL LACER
42.83	ESOPHAGOSTOMY CLOSURE
42.84	ESOPH FISTULA REPAIR NEC
42.85	ESOPHAG STRICTURE REPAIR
42.86	PROD SUBQ TUNNEL NO ANAS
42.87	ESOPHAGEAL GRAFT NEC
42.89	ESOPHAGEAL REPAIR NEC
43.5	PROXIMAL GASTRECTOMY
43.6	DISTAL GASTRECTOMY
43.7	PART GASTREC W JEJ ANAST
43.81	PART GAST W JEJ TRANSPOS
43.89	PARTIAL GASTRECTOMY NEC
43.91	TOT GAST W INTES INTERPO
43.99	TOTAL GASTRECTOMY NEC
44.00	VAGOTOMY NOS
44.01	TRUNCAL VAGOTOMY
44.02	HIGHLY SELECT VAGOTOMY
44.03	SELECTIVE VAGOTOMY NEC
44.21	DILATE PYLORUS, INCISION
44.29	OTHER PYLOROPLASTY
44.31	HIGH GASTRIC BYPASS
44.39	GASTROENTEROSTOMY NEC
44.40	SUTURE PEPTIC ULCER NOS
44.41	SUT GASTRIC ULCER SITE
44.42	SUTURE DUODEN ULCER SITE
44.5	REVISION GASTRIC ANASTOM
44.61	SUTURE GASTRIC LACERAT
44.63	CLOSE GASTRIC FISTUL NEC
44.64	GASTROPEXY

Table 5.25 Other Major Surgery for Sampling	
Code	Shortened Description
44.65	ESOPHAGOGASTROPLASTY
44.66	CREAT ESOPHAGASTR SPHINC
44.69	GASTRIC REPAIR NEC
44.91	LIGATE GASTRIC VARICES
44.92	INTRAOP GASTRIC MANIPUL
44.99	GASTRIC OPERATION NEC
45.01	DUODENAL INCISION
45.02	SMALL BOWEL INCISION NEC
45.31	OTH EXCISE DUODENUM LES
45.32	DESTRUCT DUODEN LES NEC
45.33	LOCAL EXCIS SM BOWEL NEC
45.34	DESTR SM BOWEL LES NEC
45.41	EXCISE LG INTESTINE LES
45.51	SM BOWEL SEGMENT ISOLAT
45.52	LG BOWEL SEGMENT ISOLAT
45.61	MULT SEG SM BOWEL EXCIS
45.62	PART SM BOWEL RESECT NEC
45.63	TOTAL REMOVAL SM BOWEL
45.82	OP TOT INTR-ABD COLECTMY
45.83	TOT ABD COLECTMY NEC/NOS
45.91	SM-TO-SM BOWEL ANASTOM
46.01	SM BOWEL EXTERIORIZATION
46.02	RESECT EXT SEG SM BOWEL
46.11	TEMPORARY COLOSTOMY
46.20	ILEOSTOMY NOS
46.21	TEMPORARY ILEOSTOMY
46.22	CONTINENT ILEOSTOMY
46.23	PERMANENT ILEOSTOMY NEC
46.42	PERICOLOST HERNIA REPAIR
46.43	LG BOWEL STOMA REVIS NEC
46.50	INTEST STOMA CLOSURE NOS
46.51	SM BOWEL STOMA CLOSURE
46.52	LG BOWEL STOMA CLOSURE
46.60	INTESTINAL FIXATION NOS
46.61	SM BOWEL-ABD WALL FIXAT
46.62	SMALL BOWEL FIXATION NEC
46.63	LG BOWEL-ABD WALL FIXAT
46.64	LARGE BOWEL FIXATION NEC
46.71	DUODENAL LACERAT SUTURE
46.72	DUODENAL FISTULA CLOSURE
46.79	REPAIR OF INTESTINE NEC
48.0	PROCTOTOMY
48.1	PROCTOSTOMY
48.41	SOAVE SUBMUC RECT RESECT
48.49	PULL-THRU RECT RESEC NEC

Table 5.25 Other Major Surgery for Sampling	
Code	Shortened Description
48.52	OPN ABDPERNEAL RESC REC
48.59	ABDPERNEAL RESC RECT NEC
48.72	CLOSURE OF PROCTOSTOMY
48.73	CLOSE RECTAL FIST NEC
48.74	RECTORECTOSTOMY
48.75	ABDOMINAL PROCTOPEXY
48.76	PROCTOPEXY NEC
50.0	HEPATOTOMY
50.21	MARSUPIALIZAT LIVER LES
50.22	PARTIAL HEPATECTOMY
50.29	DESTRUC HEPATIC LES NEC
50.3	HEPATIC LOBECTOMY
51.31	GB-TO-HEPAT DUCT ANAST
51.32	GB-TO-INTESTINE ANASTOM
51.33	GB-TO-PANCREAS ANASTOM
51.34	GB-TO-STOMACH ANASTOMOS
51.35	GALLBLADDER ANASTOM NEC
51.36	CHOLEDOCHOENTEROSTOMY
51.37	HEPATIC DUCT-GI ANASTOM
51.39	BILE DUCT ANASTOMOS NEC
51.41	CDE FOR CALCULUS REMOV
51.42	CDE FOR OBSTRUCTION NEC
51.49	INCIS OBSTR BILE DUC NEC
51.51	COMMON DUCT EXPLORATION
51.59	BILE DUCT INCISION NEC
51.61	EXCIS CYST DUCT REMNANT
51.62	EXCIS AMPULLA OF VATER
51.63	COMMON DUCT EXCIS NEC
51.69	BILE DUCT EXCISION NEC
51.71	SIMPLE SUT-COMMON DUCT
51.72	CHOLEDOCHOPLASTY
51.79	BILE DUCT REPAIR NEC
51.81	SPHINCTER OF ODDI DILAT
51.82	PANCREAT SPHINCTEROTOM
51.83	PANCREAT SPHINCTEROPLAS
51.89	SPHINCT OF ODDI OP NEC
51.91	REPAIR GB LACERATION
51.92	CLOSURE CHOLECYSTOSTOMY
51.93	CLOS BILIARY FISTUL NEC
51.94	REVIS BILE TRACT ANASTOM
51.95	REMOVE BILE DUCT PROSTH
51.99	BILIARY TRACT OP NEC
52.09	PANCREATOTOMY NEC
52.22	OTHER DESTRU PANCREA LES
52.3	PANCREAT CYST MARSUPIALI

Table 5.25 Other Major Surgery for Sampling	
Code	Shortened Description
52.4	INT DRAIN PANCREAT CYST
52.51	PROXIMAL PANCREATECTOMY
52.52	DISTAL PANCREATECTOMY
52.53	RAD SUBTOT PANCREATECTOM
52.59	PARTIAL PANCREATECT NEC
52.6	TOTAL PANCREATECTOMY
52.7	RAD PANCREATICODUODENECT
52.92	CANNULATION PANCREA DUC
52.95	PANCREATIC REPAIR NEC
52.96	PANCREATIC ANASTOMOSIS
52.99	PANCREATIC OPERATION NEC
53.72	OPN ABD DIAPHRM HERN NEC
53.75	ABD REP-DIAPHR HERN NOS
53.80	THOR REP-DIAPH HERN NOS
53.81	DIAPHRAGMATIC PLICATION
53.82	PARASTERN HERNIA REPAIR
53.84	OPN THORC DIAPH HERN NEC
54.11	EXPLORATORY LAPAROTOMY
54.12	REOPEN RECENT LAP SITE
54.19	LAPAROTOMY NEC
54.4	DESTRUCT PERITONEAL TISS
54.59	OTH PERITON ADHESIOLYSIS
54.61	RECLOSE POST OP DISRUPT
54.62	DELAYED CLOS ABD WOUND
54.63	ABD WALL SUTURE NEC
54.64	PERITONEAL SUTURE
54.71	REPAIR OF GASTROSCHISIS
54.72	ABDOMEN WALL REPAIR NEC
54.73	PERITONEAL REPAIR NEC
54.74	OMENTAL REPAIR NEC
54.75	MESENTERIC REPAIR NEC
54.92	REMOVE FB FROM PERITON
54.94	CREAT PERITONEOVAS SHUNT
54.95	PERITONEAL INCISION
55.4	PARTIAL NEPHRECTOMY
55.51	NEPHROURETERECTOMY
55.52	SOLITARY KIDNEY NEPHRECT
55.53	REJECTED KIDNEY NEPHRECT
55.54	BILATERAL NEPHRECTOMY
56.51	FORM CUTAN ILEOURETEROST
56.52	REVIS CUTAN ILEOURETEROS
56.71	URIN DIVERSION TO BOWEL
56.72	REVIS URETEROENTEROSTOMY
56.73	NEPHROCYSTANASTOMOSI NOS
56.74	URETERONEOCYSTOSTOMY

Table 5.25 Other Major Surgery for Sampling	
Code	Shortened Description
56.75	TRANSURETEROURETEROSTOMY
56.79	URETERAL ANASTOMOSIS NEC
57.6	PARTIAL CYSTECTOMY
57.71	RADICAL CYSTECTOMY
57.79	TOTAL CYSTECTOMY NEC
57.81	SUTURE BLADDER LACERAT
57.82	CYSTOSTOMY CLOSURE
57.83	ENTEROVESICO FIST REPAIR
57.84	VESIC FISTULA REPAIR NEC
57.85	CYSTOURETHROPLASTY
57.86	BLADDER EXSTROPHY REPAIR
57.87	BLADDER RECONSTRUCTION
57.88	BLADDER ANASTOMOSIS NEC
57.89	BLADDER REPAIR NEC
59.00	RETROPERIT DISSECT NOS
59.02	PERIREN ADHESIOLYS NEC
59.09	PERIREN/URETER INCIS NEC
60.3	SUPRAPUBIC PROSTATECTOMY
60.4	RETROPUBIC PROSTATECTOMY
60.5	RADICAL PROSTATECTOMY
65.22	OVARIAN WEDGE RESECTION
65.29	LOCAL DESTR OVA LES NEC
65.39	OTH UNILAT OOPHORECTOMY
65.49	OTH UNI SALPINGO-OOPHOR
65.51	OTH REMOVE BOTH OVARIES
65.52	OTH REMOVE REMAIN OVARY
65.61	OTH REMOVE OVARIES/TUBES
65.62	OTH REMOVE REM OVA/TUBE
66.4	TOTAL UNILAT SALPINGECT
66.51	REMOVE BOTH FALLOP TUBES
66.52	REMOVE SOLITARY FAL TUBE
66.61	DESTROY FALLOP TUBE LES
66.62	REMOV TUBE & ECTOP PREG
66.63	BILAT PART SALPINGEC NOS
66.69	PARTIAL SALPINGECTOM NEC
81.40	REPAIR OF HIP, NEC
81.53	REVISE HIP REPLACEMT NOS
81.55	REVISE KNEE REPLACE NOS

Last Updated: Version 3.2

Table 6.1 Asthma	
Code	Shortened Description
493.00	EXTRINSIC ASTHMA NOS
493.01	EXT ASTHMA W STATUS ASTH

Table 6.1 Asthma	
Code	Shortened Description
493.02	EXT ASTHMA W(ACUTE) EXAC
493.10	INTRINSIC ASTHMA NOS
493.11	INT ASTHMA W STATUS ASTH
493.12	INT ASTHMA W (AC) EXAC
493.81	EXERCISE IND BRONCHOSPASM
493.82	COUGH VARIANT ASTHMA
493.90	ASTHMA NOS
493.91	ASTHMA W STATUS ASTHMAT
493.92	ASTHMA NOS W (AC) EXAC

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Table 7.01 Mental Disorders	
Code	Shortened Description
290.0	SENILE DEMENTIA UNCOMP
290.10	PRESENILE DEMENTIA
290.11	PRESENILE DELIRIUM
290.12	PRESENILE DELUSION
290.13	PRESENILE DEPRESSION
290.20	SENILE DELUSION
290.21	SENILE DEPRESSIVE
290.3	SENILE DELIRIUM
290.40	VASCULAR DEMENTIA,UNCOMP
290.41	VASC DEMENTIA W DELIRIUM
290.42	VASC DEMENTIA W DELUSION
290.43	VASC DEMENTIA W DEPRESSN
290.8	SENILE PSYCHOSIS NEC
290.9	SENILE PSYCHOT COND NOS
291.0	DELIRIUM TREMENS
291.1	ALCOHOL AMNESTIC DISORDR
291.2	ALCOHOL PERSIST DEMENTIA
291.3	ALCOH PSY DIS W HALLUCIN
291.4	PATHOLOGIC ALCOHOL INTOX
291.5	ALCOH PSYCH DIS W DELUS
291.81	ALCOHOL WITHDRAWAL
291.82	ALCOH INDUCE SLEEP DISOR
291.89	ALCOHOL MENTAL DISOR NEC
291.9	ALCOHOL MENTAL DISOR NOS
292.0	DRUG WITHDRAWAL
292.11	DRUG PSYCH DISOR W DELUS
292.12	DRUG PSY DIS W HALLUCIN
292.2	PATHOLOGIC DRUG INTOX
292.81	DRUG-INDUCED DELIRIUM
292.82	DRUG PERSISTING DEMENTIA

Table 7.01 Mental Disorders	
Code	Shortened Description
292.83	DRUG PERSIST AMNESTIC DIS
292.84	DRUG-INDUCED MOOD DISORD
292.85	DRUG INDUCED SLEEP DISOR
292.89	DRUG MENTAL DISORDER NEC
292.9	DRUG MENTAL DISORDER NOS
293.0	DELIRIUM D/T OTHER COND
293.1	SUBACUTE DELIRIUM
293.81	PSY DIS W DELUS OTH DIS
293.82	PSY DIS W HALLUC OTH DIS
293.83	MOOD DISORDER OTHER DIS
293.84	ANXIETY DISORDER OTH DIS
293.89	TRANSIENT MENTAL DIS NEC
293.9	TRANSIENT MENTAL DIS NOS
294.0	AMNESTIC DISORD OTH DIS
294.10	DEMENTIA W/O BEHAV DIST
294.11	DEMENTIA W BEHAVIOR DIST
294.8	MENTAL DISOR NEC OTH DIS
294.9	MENTAL DISOR NOS OTH DIS
295.00	SIMPL SCHIZOPHREN-UNSPEC
295.01	SIMPL SCHIZOPHREN-SUBCHR
295.02	SIMPLE SCHIZOPHREN-CHR
295.03	SIMP SCHIZ-SUBCHR/EXACER
295.04	SIMPL SCHIZO-CHR/EXACERB
295.05	SIMPL SCHIZOPHREN-REMISS
295.10	HEBEPHRENIA-UNSPEC
295.11	HEBEPHRENIA-SUBCHRONIC
295.12	HEBEPHRENIA-CHRONIC
295.13	HEBEPHREN-SUBCHR/EXACERB
295.14	HEBEPHRENIA-CHR/EXACERB
295.15	HEBEPHRENIA-REMISSION
295.20	CATATONIA-UNSPEC
295.21	CATATONIA-SUBCHRONIC
295.22	CATATONIA-CHRONIC
295.23	CATATONIA-SUBCHR/EXACERB
295.24	CATATONIA-CHR/EXACERB
295.25	CATATONIA-REMISSION
295.30	PARANOID SCHIZO-UNSPEC
295.31	PARANOID SCHIZO-SUBCHR
295.32	PARANOID SCHIZO-CHRONIC
295.33	PARAN SCHIZO-SUBCHR/EXAC
295.34	PARAN SCHIZO-CHR/EXACERB
295.35	PARANOID SCHIZO-REMISS
295.40	SCHIZOPHRENIFORM DIS NOS
295.41	SCHIZOPHRENIC DIS-SUBCHR

Table 7.01 Mental Disorders	
Code	Shortened Description
295.42	SCHIZOPHREN DIS-CHRONIC
295.43	SCHIZO DIS-SUBCHR/EXACER
295.44	SCHIZOPHR DIS-CHR/EXACER
295.45	SCHIZOPHRENIC DIS-REMISS
295.50	LATENT SCHIZOPHREN-UNSP
295.51	LAT SCHIZOPHREN-SUBCHR
295.52	LATENT SCHIZOPHREN-CHR
295.53	LAT SCHIZO-SUBCHR/EXACER
295.54	LATENT SCHIZO-CHR/EXACER
295.55	LAT SCHIZOPHREN-REMISS
295.60	SCHIZOPHR DIS RESID NOS
295.61	SCHIZOPH DIS RESID-SUBCH
295.62	SCHIZOPHR DIS RESID-CHR
295.63	SCHIZO RESID SUBCHR/EXAC
295.64	SCHIZOPH RESID-CHRO/EXAC
295.65	SCHIZOPH DIS RESID-REMIS
295.70	SCHIZOAFFECTIVE DIS NOS
295.71	SCHIZOAFFECTV DIS-SUBCHR
295.72	SCHIZOAFFECTIVE DIS-CHR
295.73	SCHIZOAFF DIS-SUBCH/EXAC
295.74	SCHIZOAFFTV DIS-CHR/EXAC
295.75	SCHIZOAFFECTVE DIS-REMIS
295.80	SCHIZOPHRENIA NEC-UNSPEC
295.81	SCHIZOPHRENIA NEC-SUBCHR
295.82	SCHIZOPHRENIA NEC-CHR
295.83	SCHIZO NEC-SUBCHR/EXACER
295.84	SCHIZO NEC-CHR/EXACERB
295.85	SCHIZOPHRENIA NEC-REMISS
295.90	SCHIZOPHRENIA NOS-UNSPEC
295.91	SCHIZOPHRENIA NOS-SUBCHR
295.92	SCHIZOPHRENIA NOS-CHR
295.93	SCHIZO NOS-SUBCHR/EXACER
295.94	SCHIZO NOS-CHR/EXACERB
295.95	SCHIZOPHRENIA NOS-REMISS
296.00	BIPOL I SINGLE MANIC NOS
296.01	BIPOL I SINGLE MANC-MILD
296.02	BIPOL I SINGLE MANIC-MOD
296.03	BIPOL I SING-SEV W/O PSY
296.04	BIPO I SIN MAN-SEV W PSY
296.05	BIPOL I SING MAN REM NOS
296.06	BIPOL I SINGLE MANIC REM
296.10	RECUR MANIC DIS-UNSPEC
296.11	RECUR MANIC DIS-MILD
296.12	RECUR MANIC DIS-MOD

Table 7.01 Mental Disorders	
Code	Shortened Description
296.13	RECUR MANIC DIS-SEVERE
296.14	RECUR MANIC-SEV W PSYCHO
296.15	RECUR MANIC-PART REMISS
296.16	RECUR MANIC-FULL REMISS
296.20	DEPRESS PSYCHOSIS-UNSPEC
296.21	DEPRESS PSYCHOSIS-MILD
296.22	DEPRESSIVE PSYCHOSIS-MOD
296.23	DEPRESS PSYCHOSIS-SEVERE
296.24	DEPR PSYCHOS-SEV W PSYCH
296.25	DEPR PSYCHOS-PART REMISS
296.26	DEPR PSYCHOS-FULL REMISS
296.30	RECURR DEPR PSYCHOS-UNSP
296.31	RECURR DEPR PSYCHOS-MILD
296.32	RECURR DEPR PSYCHOS-MOD
296.33	RECUR DEPR PSYCH-SEVERE
296.34	REC DEPR PSYCH-PSYCHOTIC
296.35	RECUR DEPR PSYC-PART REM
296.36	RECUR DEPR PSYC-FULL REM
296.40	BIPOL I CURRNT MANIC NOS
296.41	BIPOL I CURNT MANIC-MILD
296.42	BIPOL I CURRNT MANIC-MOD
296.43	BIPOL I MANC-SEV W/O PSY
296.44	BIPOL I MANIC-SEV W PSY
296.45	BIPOL I CUR MAN PART REM
296.46	BIPOL I CUR MAN FULL REM
296.50	BIPOL I CUR DEPRES NOS
296.51	BIPOL I CUR DEPRESS-MILD
296.52	BIPOL I CUR DEPRESS-MOD
296.53	BIPOL I CURR DEP W/O PSY
296.54	BIPOL I CURRNT DEP W PSY
296.55	BIPOL I CUR DEP REM NOS
296.56	BIPOL I CURRNT DEP REMIS
296.60	BIPOL I CURRNT MIXED NOS
296.61	BIPOL I CURRNT MIX-MILD
296.62	BIPOL I CURRNT MIXED-MOD
296.63	BIPOL I CUR MIX W/O PSY
296.64	BIPOL I CUR MIXED W PSY
296.65	BIPOL I CUR MIX-PART REM
296.66	BIPOL I CUR MIXED REMISS
296.7	BIPOLOR I CURRENT NOS
296.80	BIPOLAR DISORDER NOS
296.81	ATYPICAL MANIC DISORDER
296.82	ATYPICAL DEPRESSIVE DIS
296.89	BIPOLAR DISORDER NEC

Table 7.01 Mental Disorders	
Code	Shortened Description
296.90	EPISODIC MOOD DISORD NOS
296.99	EPISODIC MOOD DISORD NEC
297.0	PARANOID STATE, SIMPLE
297.1	DELUSIONAL DISORDER
297.2	PARAPHRENIA
297.3	SHARED PSYCHOTIC DISORD
297.8	PARANOID STATES NEC
297.9	PARANOID STATE NOS
298.0	REACT DEPRESS PSYCHOSIS
298.1	EXCITATIV TYPE PSYCHOSIS
298.2	REACTIVE CONFUSION
298.3	ACUTE PARANOID REACTION
298.4	PSYCHOGEN PARANOID PSYCH
298.8	REACT PSYCHOSIS NEC/NOS
298.9	PSYCHOSIS NOS
299.00	AUTISTIC DISORD-CURRENT
299.01	AUTISTIC DISORD-RESIDUAL
299.10	CHILDHD DISINTEGR-ACTIVE
299.11	CHILDHD DISINTEGR-RESID
299.80	PERVASV DEV DIS-CUR NEC
299.81	PERVASV DEV DIS-RES NEC
299.90	PERVASV DEV DIS-CUR NOS
299.91	PERVASV DEV DIS-RES NOS
300.00	ANXIETY STATE NOS
300.01	PANIC DIS W/O AGORPHOBIA
300.02	GENERALIZED ANXIETY DIS
300.09	ANXIETY STATE NEC
300.10	HYSTERIA NOS
300.11	CONVERSION DISORDER
300.12	DISSOCIATIVE AMNESIA
300.13	DISSOCIATIVE FUGUE
300.14	DISSOCIATIVE IDENTITY DIS
300.15	DISSOCIATIVE REACT NOS
300.16	FACTITIOUS DIS W SYMPTOM
300.19	FACTITIOUS ILL NEC/NOS
300.20	PHOBIA NOS
300.21	AGORAPHOBIA W PANIC DIS
300.22	AGORAPHOBIA W/O PANIC
300.23	SOCIAL PHOBIA
300.29	ISOLATED/SPEC PHOBIA NEC
300.3	OBSESSIVE-COMPULSIVE DIS
300.4	DYSTHYMIC DISORDER
300.5	NEURASTHENIA
300.6	DEPERSONALIZATION DISORD

Table 7.01 Mental Disorders	
Code	Shortened Description
300.7	HYPOCHONDRIASIS
300.81	SOMATIZATION DISORDER
300.82	UNDIFF SOMATOFORM DISRDR
300.89	SOMATOFORM DISORDERS NEC
300.9	NONPSYCHOTIC DISORD NOS
301.0	PARANOID PERSONALITY
301.10	AFFECTIV PERSONALITY NOS
301.11	CHRONIC HYPOMANIC PERSON
301.12	CHR DEPRESSIVE PERSON
301.13	CYCLOTHYMIC DISORDER
301.20	SCHIZOID PERSONALITY NOS
301.21	INTROVERTED PERSONALITY
301.22	SCHIZOTYPAL PERSON DIS
301.3	EXPLOSIVE PERSONALITY
301.4	OBSESSIVE-COMPULSIVE DIS
301.50	HISTRIONIC PERSON NOS
301.51	CHR FACTITIOUS ILLNESS
301.59	HISTRIONIC PERSON NEC
301.6	DEPENDENT PERSONALITY
301.7	ANTISOCIAL PERSONALITY
301.81	NARCISSISTIC PERSONALITY
301.82	AVOIDANT PERSONALITY DIS
301.83	BORDERLINE PERSONALITY
301.84	PASSIVE-AGGRESSIV PERSON
301.89	PERSONALITY DISORDER NEC
301.9	PERSONALITY DISORDER NOS
302.0	EGO-DYSTONIC SEX ORIENT
302.1	ZOOPHILIA
302.2	PEDOPHILIA
302.3	TRANSVESTIC FETISHISM
302.4	EXHIBITIONISM
302.50	TRANS-SEXUALISM NOS
302.51	TRANS-SEXUALISM, ASEXUAL
302.52	TRANS-SEXUAL, HOMOSEXUAL
302.53	TRANS-SEX, HETEROSEXUAL
302.6	GENDR IDENTITY DIS-CHILD
302.70	PSYCHOSEXUAL DYSFUNC NOS
302.71	HYPOACTIVE SEX DESIRE
302.72	INHIBITED SEX EXCITEMENT
302.73	FEMALE ORGASMIC DISORDER
302.74	MALE ORGASMIC DISORDER
302.75	PREMATURE EJACULATION
302.76	DYSPAREUNIA, PSYCHOGENIC
302.79	PSYCHOSEXUAL DYSFUNC NEC

Table 7.01 Mental Disorders	
Code	Shortened Description
302.81	FETISHISM
302.82	VOYEURISM
302.83	SEXUAL MASOCHISM
302.84	SEXUAL SADISM
302.85	GEND IDEN DIS, ADOL/ADULT
302.89	PSYCHOSEXUAL DIS NEC
302.9	PSYCHOSEXUAL DIS NOS
306.0	PSYCHOGEN MUSCULSKEL DIS
306.1	PSYCHOGENIC RESPIR DIS
306.2	PSYCHOGEN CARDIOVASC DIS
306.3	PSYCHOGENIC SKIN DISEASE
306.4	PSYCHOGENIC GI DISEASE
306.50	PSYCHOGENIC GU DIS NOS
306.51	PSYCHOGENIC VAGINISMUS
306.52	PSYCHOGENIC DYSMENORRHEA
306.53	PSYCHOGENIC DYSURIA
306.59	PSYCHOGENIC GU DIS NEC
306.6	PSYCHOGEN ENDOCRINE DIS
306.7	PSYCHOGENIC SENSORY DIS
306.8	PSYCHOGENIC DISORDER NEC
306.9	PSYCHOGENIC DISORDER NOS
307.0	STUTTERING
307.1	ANOREXIA NERVOSA
307.20	TIC DISORDER NOS
307.21	TRANSIENT TIC DISORDER
307.22	CHR MOTOR/VOCAL TIC DIS
307.23	TOURETTE'S DISORDER
307.3	STEREOTYPIC MOVEMENT DIS
307.40	NONORGANIC SLEEP DIS NOS
307.41	TRANSIENT INSOMNIA
307.42	PERSISTENT INSOMNIA
307.43	TRANSIENT HYPERMOMNIA
307.44	PERSISTENT HYPERMOMNIA
307.45	NONORGANIC CIRCADIAN RHY
307.46	SLEEP AROUSAL DISORDER
307.47	SLEEP STAGE DYSFUNC NEC
307.48	REPETIT SLEEP INTRUSION
307.49	NONORGANIC SLEEP DIS NEC
307.50	EATING DISORDER NOS
307.51	BULIMIA NERVOSA
307.52	PICA
307.53	RUMINATION DISORDER
307.54	PSYCHOGENIC VOMITING
307.59	EATING DISORDER NEC

Table 7.01 Mental Disorders	
Code	Shortened Description
307.6	ENURESIS
307.7	ENCOPRESIS
307.80	PSYCHOGENIC PAIN NOS
307.81	TENSION HEADACHE
307.89	PSYCHOGENIC PAIN NEC
307.9	SPECIAL SYMPTOM NEC/NOS
308.0	STRESS REACT, EMOTIONAL
308.1	STRESS REACTION, FUGUE
308.2	STRESS REACT, PSYCHOMOT
308.3	ACUTE STRESS REACT NEC
308.4	STRESS REACT, MIXED DIS
308.9	ACUTE STRESS REACT NOS
309.0	ADJUSTMNT DIS W DEPRESSN
309.1	PROLONG DEPRESSIVE REACT
309.21	SEPARATION ANXIETY
309.22	EMANCIPATION DISORDER
309.23	ACADEMIC/WORK INHIBITION
309.24	ADJUSTMENT DIS W ANXIETY
309.28	ADJUST DIS W ANXIETY/DEP
309.29	ADJ REACT-EMOTION NEC
309.3	ADJUST DISOR/DIS CONDUCT
309.4	ADJ DIS-EMOTION/CONDUCT
309.81	POSTTRAUMATIC STRESS DIS
309.82	ADJUST REACT-PHYS SYMPT
309.83	ADJUST REACT-WITHDRAWAL
309.89	ADJUSTMENT REACTION NEC
309.9	ADJUSTMENT REACTION NOS
310.0	FRONTAL LOBE SYNDROME
310.1	PERSONALITY CHG OTH DIS
310.2	POSTCONCUSSION SYNDROME
310.8	NONPSYCHOT BRAIN SYN NEC
310.9	NONPSYCHOT BRAIN SYN NOS
311	DEPRESSIVE DISORDER NEC
312.00	UNSOCIAL AGGRESS-UNSPEC
312.01	UNSOCIAL AGGRESSION-MILD
312.02	UNSOCIAL AGGRESSION-MOD
312.03	UNSOCIAL AGGRESS-SEVERE
312.10	UNSOCIAL UNAGGRESS-UNSP
312.11	UNSOCIAL UNAGGRESS-MILD
312.12	UNSOCIAL UNAGGRESS-MOD
312.13	UNSOCIAL UNAGGR-SEVERE
312.20	SOCIAL CONDUCT DIS-UNSP
312.21	SOCIAL CONDUCT DIS-MILD
312.22	SOCIAL CONDUCT DIS-MOD

Table 7.01 Mental Disorders	
Code	Shortened Description
312.23	SOCIAL CONDUCT DIS-SEV
312.30	IMPULSE CONTROL DIS NOS
312.31	PATHOLOGICAL GAMBLING
312.32	KLEPTOMANIA
312.33	PYROMANIA
312.34	INTERMITT EXPLOSIVE DIS
312.35	ISOLATED EXPLOSIVE DIS
312.39	IMPULSE CONTROL DIS NEC
312.4	MIX DIS CONDUCT/EMOTION
312.81	CNDCT DSRDR CHLDHD ONST
312.82	CNDCT DSRDR ADLSCNT ONST
312.89	OTHER CONDUCT DISORDER
312.9	CONDUCT DISTURBANCE NOS
313.0	OVERANXIOUS DISORDER
313.1	MISERY & UNHAPPINESS DIS
313.21	SHYNESS DISORDER-CHILD
313.22	INTROVERTED DIS-CHILD
313.23	SELECTIVE MUTISM
313.3	RELATIONSHIP PROBLEMS
313.81	OPPOSITION DEFIANT DISOR
313.82	IDENTITY DISORDER
313.83	ACADEMIC UNDERACHIEVMENT
313.89	EMOTIONAL DIS CHILD NEC
313.9	EMOTIONAL DIS CHILD NOS
314.00	ATTN DEFIC NONHYPERACT
314.01	ATTN DEFICIT W HYPERACT
314.1	HYPERKINET W DEVEL DELAY
314.2	HYPERKINETIC CONDUCT DIS
314.8	OTHER HYPERKINETIC SYND
314.9	HYPERKINETIC SYND NOS
315.00	READING DISORDER NOS
315.01	ALEXIA
315.02	DEVELOPMENTAL DYSLEXIA
315.09	READING DISORDER NEC
315.1	MATHEMATICS DISORDER
315.2	OTH LEARNING DIFFICULTY
315.31	EXPRESSIVE LANGUAGE DIS
315.32	RECP-EXPRES LANGUAGE DIS
315.34	SPEECHDEL D/T HEAR LOSS
315.39	SPEECH/LANGUAGE DIS NEC
315.4	DEVEL COORDINATION DIS
315.5	MIXED DEVELOPMENT DIS
315.8	DEVELOPMENT DELAYS NEC
315.9	DEVELOPMENT DELAY NOS

Table 7.01 Mental Disorders	
Code	Shortened Description
316	PSYCHIC FACTOR W OTH DIS
317	MILD MENTAL RETARDATION
318.0	MOD MENTAL RETARDATION
318.1	SEVERE MENTAL RETARDAT
318.2	PROFOUND MENTAL RETARDAT
319	MENTAL RETARDATION NOS

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Table 7.02 Obstetrics	
Code	Shortened Description
638.0	ATTEM ABORT W PELVIC INF
638.1	ATTEM ABORT W HEMORRHAGE
638.2	ATTEM ABORT W PELV DAMAG
638.3	ATTEM ABORT W RENAL FAIL
638.4	ATTEM ABOR W METABOL DIS
638.5	ATTEM ABORTION W SHOCK
638.7	ATTEMP ABORT W COMPL NEC
638.8	ATTEMP ABORT W COMPL NOS
638.9	ATTEMPTED ABORT UNCOMPL
640.00	THREATENED ABORT-UNSPEC
640.01	THREATENED ABORT-DELIVER
640.80	HEM EARLY PREG NEC-UNSP
640.81	HEM EARLY PREG NEC-DELIV
640.90	HEMORR EARLY PREG-UNSPEC
640.91	HEM EARLY PREG-DELIVERED
641.00	PLACENTA PREVIA-UNSPEC
641.01	PLACENTA PREVIA-DELIVER
641.03	PLACENTA PREVIA-ANTEPART
641.10	PLACENTA PREV HEM-UNSPEC
641.11	PLACENTA PREV HEM-DELIV
641.13	PLACEN PREV HEM-ANTEPART
641.20	PREM SEPAR PLACEN-UNSPEC
641.21	PREM SEPAR PLACEN-DELIV
641.23	PREM SEPAR PLAC-ANTEPART
641.30	COAG DEF HEMORR-UNSPEC
641.31	COAG DEF HEMORR-DELIVER
641.33	COAG DEF HEMORR-ANTEPART
641.80	ANTEPART HEM NEC-UNSPEC
641.81	ANTEPARTUM HEM NEC-DELIV
641.83	ANTEPART HEM NEC-ANTEPAR
641.90	ANTEPART HEM NOS-UNSPEC
641.91	ANTEPARTUM HEM NOS-DELIV
641.93	ANTEPART HEM NOS-ANTEPAR

Table 7.02 Obstetrics	
Code	Shortened Description
642.00	ESSEN HYPERTEN PREG-UNSP
642.01	ESSEN HYPERTEN-DELIVERED
642.02	ESSEN HYPERTEN-DEL W P/P
642.03	ESSEN HYPERTEN-ANTEPART
642.04	ESSEN HYPERTEN-POSTPART
642.10	RENAL HYPERTEN PREG-UNSP
642.11	RENAL HYPERTEN PG-DELIV
642.12	RENAL HYPERTEN-DEL P/P
642.13	RENAL HYPERTEN-ANTEPART
642.14	RENAL HYPERTEN-POSTPART
642.20	OLD HYPERTEN PREG-UNSPEC
642.21	OLD HYPERTEN NEC-DELIVER
642.22	OLD HYPERTEN-DELIV W P/P
642.23	OLD HYPERTEN NEC-ANTEPAR
642.24	OLD HYPERTEN NEC-POSTPAR
642.30	TRANS HYPERTEN PREG-UNSP
642.31	TRANS HYPERTEN-DELIVERED
642.32	TRANS HYPERTEN-DEL W P/P
642.33	TRANS HYPERTEN-ANTEPART
642.34	TRANS HYPERTEN-POSTPART
642.40	MILD/NOS PREECLAMP-UNSP
642.41	MILD/NOS PREECLAMP-DELIV
642.42	MILD PREECLAMP-DEL W P/P
642.43	MILD/NOS PREECLAMP-ANTEP
642.44	MILD/NOS PREECLAMP-P/P
642.50	SEVERE PREECLAMP-UNSPEC
642.51	SEVERE PREECLAMP-DELIVER
642.52	SEV PREECLAMP-DEL W P/P
642.53	SEV PREECLAMP-ANTEPARTUM
642.54	SEV PREECLAMP-POSTPARTUM
642.60	ECLAMPSIA-UNSPECIFIED
642.61	ECLAMPSIA-DELIVERED
642.62	ECLAMPSIA-DELIV W P/P
642.63	ECLAMPSIA-ANTEPARTUM
642.64	ECLAMPSIA-POSTPARTUM
642.70	TOX W OLD HYPERTEN-UNSP
642.71	TOX W OLD HYPERTEN-DELIV
642.72	TOX W OLD HYP-DEL W P/P
642.73	TOX W OLD HYPER-ANTEPART
642.74	TOX W OLD HYPER-POSTPART
642.90	HYPERTEN PREG NOS-UNSPEC
642.91	TOX W OLD HYP-DEL W P/P
642.92	HYPERTENS NOS-DEL W P/P
642.93	HYPERTENS NOS-ANTEPARTUM

Table 7.02 Obstetrics	
Code	Shortened Description
642.94	HYPERTENS NOS-POSTPARTUM
643.00	MILD HYPEREM GRAV-UNSPEC
643.01	MILD HYPEREM GRAV-DELIV
643.03	MILD HYPEREMESIS-ANTEPAR
643.10	HYPEREM W METAB DIS-UNSP
643.11	HYPEREM W METAB DIS-DEL
643.13	HYPEREM W METAB-ANTEPART
643.20	LATE VOMIT OF PREG-UNSP
643.21	LATE VOMIT OF PREG-DELIV
643.23	LATE VOMIT PREG-ANTEPART
643.80	VOMIT COMPL PREG-UNSPEC
643.81	VOMIT COMPL PREG-DELIVER
643.83	VOMIT COMPL PREG-ANTEPAR
643.90	VOMIT OF PREG NOS-UNSPEC
643.91	VOMIT OF PREG NOS-DELIV
643.93	VOMIT OF PG NOS-ANTEPART
644.00	THREAT PREM LABOR-UNSP
644.03	THRT PREM LABOR-ANTEPART
644.10	THREAT LABOR NEC-UNSPEC
644.13	THREAT LABOR NEC-ANTEPAR
644.20	EARLY ONSET DELIV-UNSPEC
644.21	EARLY ONSET DELIVERY-DEL
645.10	POST TERM PREG-UNSP
645.11	POST TERM PREG-DEL
645.13	POST TERM PREG-ANTEPAR
645.20	PROLONGED PREG-UNSP
645.21	PROLONGED PREG-DEL
645.23	PROLONGED PREG-ANTEPAR
646.00	PAPYRACEOUS FETUS-UNSPEC
646.01	PAPYRACEOUS FETUS-DELIV
646.03	PAPYRACEOUS FET-ANTEPAR
646.10	EDEMA IN PREG-UNSPEC
646.11	EDEMA IN PREG-DELIVERED
646.12	EDEMA IN PREG-DEL W P/P
646.13	EDEMA IN PREG-ANTEPARTUM
646.14	EDEMA IN PREG-POSTPARTUM
646.20	RENAL DIS PREG NOS-UNSP
646.21	RENAL DIS NOS-DELIVERED
646.22	RENAL DIS NOS-DEL W P/P
646.23	RENAL DIS NOS-ANTEPARTUM
646.24	RENAL DIS NOS-POSTPARTUM
646.30	HABITUAL ABORTER-UNSPEC
646.31	HABITUAL ABORTER-DELIVER
646.33	HABITUAL ABORT-ANTEPART

Table 7.02 Obstetrics	
Code	Shortened Description
646.40	NEURITIS OF PREG-UNSPEC
646.41	NEURITIS-DELIVERED
646.42	NEURITIS-DELIVERED W P/P
646.43	NEURITIS OF PREG-ANTEPAR
646.44	NEURITIS OF PREG-POSTPAR
646.50	BACTERIURIA PREG-UNSPEC
646.51	ASYM BACTERIURIA-DELIVER
646.52	ASY BACTERURIA-DEL W P/P
646.53	ASY BACTERIURIA-ANTEPART
646.54	ASY BACTERIURIA-POSTPART
646.60	GU INFECT IN PREG-UNSPEC
646.61	GU INFECTION-DELIVERED
646.62	GU INFECTION-DELIV W P/P
646.63	GU INFECTION-ANTEPARTUM
646.64	GU INFECTION-POSTPARTUM
646.70	LIVER DIS IN PREG-UNSPEC
646.71	LIVER DISORDER-DELIVERED
646.73	LIVER DISORDER-ANTEPART
646.80	PREG COMPL NEC-UNSPEC
646.81	PREG COMPL NEC-DELIVERED
646.82	PREG COMPL NEC-DEL W P/P
646.83	PREG COMPL NEC-ANTEPART
646.84	PREG COMPL NEC-POSTPART
646.90	PREG COMPL NOS-UNSPEC
646.91	PREG COMPL NOS-DELIVERED
646.93	PREG COMPL NOS-ANTEPART
647.00	SYPHILIS IN PREG-UNSPEC
647.01	SYPHILIS-DELIVERED
647.02	SYPHILIS-DELIVERED W P/P
647.03	SYPHILIS-ANTEPARTUM
647.04	SYPHILIS-POSTPARTUM
647.10	GONORRHEA IN PREG-UNSPEC
647.11	GONORRHEA-DELIVERED
647.12	GONORRHEA-DELIVER W P/P
647.13	GONORRHEA-ANTEPARTUM
647.14	GONORRHEA-POSTPARTUM
647.20	OTHER VD IN PREG-UNSPEC
647.21	OTHER VD-DELIVERED
647.22	OTHER VD-DELIVERED W P/P
647.23	OTHER VD-ANTEPARTUM
647.24	OTHER VD-POSTPARTUM
647.30	TB IN PREG-UNSPECIFIED
647.31	TUBERCULOSIS-DELIVERED
647.32	TUBERCULOSIS-DELIV W P/P

Table 7.02 Obstetrics	
Code	Shortened Description
647.33	TUBERCULOSIS-ANTEPARTUM
647.34	TUBERCULOSIS-POSTPARTUM
647.40	MALARIA IN PREG-UNSPEC
647.41	MALARIA-DELIVERED
647.42	MALARIA-DELIVERED W P/P
647.43	MALARIA-ANTEPARTUM
647.44	MALARIA-POSTPARTUM
647.50	RUBELLA IN PREG-UNSPEC
647.51	RUBELLA-DELIVERED
647.52	RUBELLA-DELIVERED W P/P
647.53	RUBELLA-ANTEPARTUM
647.54	RUBELLA-POSTPARTUM
647.60	OTH VIRUS IN PREG-UNSPEC
647.61	OTH VIRAL DIS-DELIVERED
647.62	OTH VIRAL DIS-DEL W P/P
647.63	OTH VIRAL DIS-ANTEPARTUM
647.64	OTH VIRAL DIS-POSTPARTU
647.80	INF DIS IN PREG NEC-UNSP
647.81	INFECT DIS NEC-DELIVERED
647.82	INFECT DIS NEC-DEL W P/P
647.83	INFECT DIS NEC-ANTEPART
647.84	INFECT DIS NEC-POSTPART
647.90	INFECT IN PREG NOS-UNSP
647.91	INFECT NOS-DELIVERED
647.92	INFECT NOS-DELIVER W P/P
647.93	INFECT NOS-ANTEPARTUM
647.94	INFECT NOS-POSTPARTUM
648.00	DIABETES IN PREG-UNSPEC
648.01	DIABETES-DELIVERED
648.02	DIABETES-DELIVERED W P/P
648.10	THYROID DYSFUN PREG-UNSP
648.11	THYROID DYSFUNC-DELIVER
648.12	THYROID DYSFUN-DEL W P/P
648.20	ANEMIA IN PREG-UNSPEC
648.21	ANEMIA-DELIVERED
648.22	ANEMIA-DELIVERED W P/P
648.30	DRUG DEPEND PREG-UNSPEC
648.31	DRUG DEPENDENCE-DELIVER
648.32	DRUG DEPENDEN-DEL W P/P
648.40	MENTAL DIS PREG-UNSPEC
648.41	MENTAL DISORDER-DELIVER
648.42	MENTAL DIS-DELIV W P/P
648.50	CONGEN CV DIS PREG-UNSP
648.51	CONGEN CV DIS-DELIVERED

Table 7.02 Obstetrics	
Code	Shortened Description
648.52	CONGEN CV DIS-DEL W P/P
648.60	CV DIS NEC PREG-UNSPEC
648.61	CV DIS NEC PREG-DELIVER
648.62	CV DIS NEC-DELIVER W P/P
648.70	BONE DISORD IN PREG-UNSP
648.71	BONE DISORDER-DELIVERED
648.72	BONE DISORDER-DEL W P/P
648.80	ABN GLUCOSE IN PREG-UNSP
648.81	ABN GLUCOSE TOLER-DELIV
648.82	ABN GLUCOSE-DELIV W P/P
648.90	OTH CURR COND PREG-UNSP
648.91	OTH CURR COND-DELIVERE
648.92	OTH CURR COND-DEL W P/P
649.00	TOBACCO USE DISORD-UNSPEC
649.01	TOBACCO USE DISOR-DELIV
649.02	TOBACCO USE DIS-DEL-P/P
649.10	OBESITY-UNSPECIFIED
649.11	OBESITY-DELIVERED
649.12	OBESITY-DELIVERED W P/P
649.20	BARIATRIC SURG STAT-UNSP
649.21	BARIATRIC SURG STAT-DEL
649.22	BARIATRIC SURG-DEL W P/P
649.30	COAGULATION DEF-UNSPEC
649.31	COAGULATION DEF-DELIV
649.32	COAGULATN DEF-DEL W P/P
649.40	EPILEPSY-UNSPECIFIED
649.41	EPILEPSY-DELIVERED
649.42	EPILEPSY-DELIVERED W P/P
649.50	SPOTTING-UNSPECIFIED
649.51	SPOTTING-DELIVERED
649.53	SPOTTING-ANTEPARTUM
649.60	UTERINE SIZE DESCRP-UNSP
649.61	UTERINE SIZE DESCREP-DEL
649.62	UTERINE SIZE-DEL W P/P
650	NORMAL DELIVERY
651.00	TWIN PREGNANCY-UNSPEC
651.01	TWIN PREGNANCY-DELIVERED
651.03	TWIN PREGNANCY-ANTEPART
651.10	TRIPLET PREGNANCY-UNSPEC
651.11	TRIPLET PREGNANCY-DELIV
651.13	TRIPLET PREG-ANTEPARTUM
651.20	QUADRUPLET PREG-UNSPEC
651.21	QUADRUPLET PREG-DELIVER
651.23	QUADRUPLET PREG-ANTEPART

Table 7.02 Obstetrics	
Code	Shortened Description
651.30	TWINS W FETAL LOSS-UNSP
651.31	TWINS W FETAL LOSS-DEL
651.33	TWINS W FETAL LOSS-ANTE
651.40	TRIPLETS W FET LOSS-UNSP
651.41	TRIPLETS W FET LOSS-DEL
651.43	TRIPLETS W FET LOSS-ANTE
651.50	QUADS W FETAL LOSS-UNSP
651.51	QUADS W FETAL LOSS-DEL
651.53	QUADS W FETAL LOSS-ANTE
651.60	MULT GES W FET LOSS-UNSP
651.61	MULT GES W FET LOSS-DEL
651.63	MULT GES W FET LOSS-ANTE
651.70	MUL GEST-FET REDUCT UNSP
651.71	MULT GEST-FET REDUCT DEL
651.73	MUL GEST-FET REDUCT ANTE
651.80	MULTI GESTAT NEC-UNSPEC
651.81	MULTI GESTAT NEC-DELIVER
651.83	MULTI GEST NEC-ANTEPART
651.90	MULTI GESTAT NOS-UNSPEC
651.91	MULT GESTATION NOS-DELIV
651.93	MULTI GEST NOS-ANTEPART
652.00	UNSTABLE LIE-UNSPECIFIED
652.01	UNSTABLE LIE-DELIVERED
652.03	UNSTABLE LIE-ANTEPARTUM
652.10	CEPHALIC VERS NOS-UNSPEC
652.11	CEPHALIC VERS NOS-DELIV
652.13	CEPHAL VERS NOS-ANTEPART
652.20	BREECH PRESENTAT-UNSPEC
652.21	BREECH PRESENTAT-DELIVER
652.23	BREECH PRESENT-ANTEPART
652.30	TRANSV/OBLIQ LIE-UNSPEC
652.31	TRANSVER/OBLIQ LIE-DELIV
652.33	TRANSV/OBLIQ LIE-ANTEPAR
652.40	FACE/BROW PRESENT-UNSPEC
652.41	FACE/BROW PRESENT-DELIV
652.43	FACE/BROW PRES-ANTEPART
652.50	HIGH HEAD AT TERM-UNSPEC
652.51	HIGH HEAD AT TERM-DELIV
652.53	HIGH HEAD TERM-ANTEPART
652.60	MULT GEST MALPRESEN-UNSP
652.61	MULT GEST MALPRES-DELIV
652.63	MULT GES MALPRES-ANTEPAR
652.70	PROLAPSED ARM-UNSPEC
652.71	PROLAPSED ARM-DELIVERED

Table 7.02 Obstetrics	
Code	Shortened Description
652.73	PROLAPSED ARM-ANTEPART
652.80	MALPOSITION NEC-UNSPEC
652.81	MALPOSITION NEC-DELIVER
652.83	MALPOSITION NEC-ANTEPART
652.90	MALPOSITION NOS-UNSPEC
652.91	MALPOSITION NOS-DELIVER
652.93	MALPOSITION NOS-ANTEPART
653.00	PELVIC DEFORM NOS-UNSPEC
653.01	PELVIC DEFORM NOS-DELIV
653.03	PELV DEFORM NOS-ANTEPART
653.10	CONTRACT PELV NOS-UNSPEC
653.11	CONTRACT PELV NOS-DELIV
653.13	CONTRAC PELV NOS-ANTEPAR
653.20	INLET CONTRACTION-UNSPEC
653.21	INLET CONTRACTION-DELIV
653.23	INLET CONTRACT-ANTEPART
653.30	OUTLET CONTRACTION-UNSP
653.31	OUTLET CONTRACTION-DELIV
653.33	OUTLET CONTRACT-ANTEPAR
653.40	FETOPELV DISPROP-UNSPEC
653.41	FETOPELV DISPROPOR-DELIV
653.43	FETOPELV DISPROP-ANTEPART
653.50	FETAL DISPROP NOS-UNSPEC
653.51	FETAL DISPROP NOS-DELIV
653.53	FETAL DISPRO NOS-ANTEPAR
653.60	HYDROCEPHAL FETUS-UNSPEC
653.61	HYDROCEPH FETUS-DELIVER
653.63	HYDROCEPH FETUS-ANTEPART
653.70	OTH ABN FET DISPROP-UNSP
653.71	OTH ABN FET DISPRO-DELIV
653.73	OTH ABN FET DISPRO-ANTEP
653.80	DISPROPORTION NEC-UNSPEC
653.81	DISPROPORTION NEC-DELIV
653.83	DISPROPOR NEC-ANTEPARTUM
653.90	DISPROPORTION NOS-UNSPEC
653.91	DISPROPORTION NOS-DELIV
653.93	DISPROPOR NOS-ANTEPARTUM
654.00	CONG ABN UTER PREG-UNSP
654.01	CONGEN ABN UTERUS-DELIV
654.02	CONG ABN UTER-DEL W P/P
654.03	CONGEN ABN UTER-ANTEPART
654.04	CONGEN ABN UTER-POSTPART
654.10	UTER TUMOR IN PREG-UNSP
654.11	UTERINE TUMOR-DELIVERED

Table 7.02 Obstetrics	
Code	Shortened Description
654.12	UTERINE TUMOR-DEL W P/P
654.13	UTERINE TUMOR-ANTEPARTUM
654.14	UTERINE TUMOR-POSTPARTUM
654.20	PREV C-DELIVERY UNSPEC
654.21	PREV C-DELIVERY-DELIVRD
654.23	PREV C-DELIVERY-ANTEPART
654.30	RETROVERT UTERUS-UNSPEC
654.31	RETROVERT UTERUS-DELIVER
654.32	RETROVERT UTER-DEL W P/P
654.33	RETROVERT UTER-ANTEPART
654.34	RETROVERT UTER-POSTPART
654.40	ABN GRAV UTERUS NEC-UNSP
654.41	ABN UTERUS NEC-DELIVERED
654.42	ABN UTERUS NEC-DEL W P/P
654.43	ABN UTERUS NEC-ANTEPART
654.44	ABN UTERUS NEC-POSTPART
654.50	CERV INCOMPET PREG-UNSP
654.51	CERVICAL INCOMPET-DELIV
654.52	CERV INCOMPET-DEL W P/P
654.53	CERV INCOMPET-ANTEPARTUM
654.54	CERV INCOMPET-POSTPARTUM
654.60	ABN CERVIX NEC PREG-UNSP
654.61	ABN CERVIX NEC-DELIVERED
654.62	ABN CERVIX NEC-DEL W P/P
654.63	ABN CERVIX NEC-ANTEPART
654.64	ABN CERVIX NEC-POSTPART
654.70	ABN VAGINA IN PREG-UNSP
654.71	ABNORM VAGINA-DELIVERED
654.72	ABNORM VAGINA-DEL W P/P
654.73	ABNORM VAGINA-ANTEPARTUM
654.74	ABNORM VAGINA-POSTPARTUM
654.80	ABN VULVA IN PREG-UNSPEC
654.81	ABNORMAL VULVA-DELIVERED
654.82	ABNORMAL VULVA-DEL W P/P
654.83	ABNORMAL VULVA-ANTEPART
654.84	ABNORMAL VULVA-POSTPART
654.90	ABN PEL NEC IN PREG-UNSP
654.91	ABN PELV ORG NEC-DELIVER
654.92	ABN PELV NEC-DELIV W P/P
654.93	ABN PELV ORG NEC-ANTEPAR
654.94	ABN PELV ORG NEC-POSTPAR
655.00	FETAL CNS MALFORM-UNSPEC
655.01	FETAL CNS MALFORM-DELIV
655.03	FETAL CNS MALFOR-ANTEPAR

Table 7.02 Obstetrics	
Code	Shortened Description
655.10	FETAL CHROMOS ABN-UNSPEC
655.11	FETAL CHROMOSO ABN-DELIV
655.13	FET CHROMO ABN-ANTEPART
655.20	FAMIL HEREDIT DIS-UNSPEC
655.21	FAMIL HEREDIT DIS-DELIV
655.23	FAMIL HEREDIT DIS-ANTEPART
655.30	FET DAMG D/T VIRUS-UNSP
655.31	FET DAMG D/T VIRUS-DELIV
655.33	FET DAMG D/T VIRUS-ANTEP
655.40	FET DAMG D/T DIS-UNSPEC
655.41	FET DAMG D/T DIS-DELIVER
655.43	FET DAMG D/T DIS-ANTEPAR
655.50	FETAL DAMG D/T DRUG-UNSP
655.51	FET DAMAG D/T DRUG-DELIV
655.53	FET DAMG D/T DRUG-ANTEPA
655.60	RADIAT FETAL DAMAG-UNSP
655.61	RADIAT FETAL DAMAG-DELIV
655.63	RADIAT FET DAMAG-ANTEPAR
655.70	DECREASE FETL MOVMT UNSP
655.71	DECREASE FETAL MOVMT DEL
655.73	DEC FETAL MOVMT ANTEPART
655.80	FETAL ABNORM NEC-UNSPEC
655.81	FETAL ABNORM NEC-DELIVER
655.83	FETAL ABNORM NEC-ANTEPAR
655.90	FETAL ABNORM NOS-UNSPEC
655.91	FETAL ABNORM NOS-DELIV
655.93	FETAL ABNORM NOS-ANTEPAR
656.00	FETAL-MATERNAL HEM-UNSPEC
656.01	FETAL-MATERNAL HEM-DELIV
656.03	FETAL-MATERNAL HEM-ANTEPAR
656.10	RH ISOIMMUNIZAT-UNSPEC
656.11	RH ISOIMMUNIZAT-DELIV
656.13	RH ISOIMMUNIZAT-ANTEPART
656.20	ABO ISOIMMUNIZATION-UNSPEC
656.21	ABO ISOIMMUNIZAT-DELIV
656.23	ABO ISOIMMUNIZAT-ANTEPAR
656.30	FETAL DISTRESS-UNSPEC
656.31	FETAL DISTRESS-DELIV
656.33	FETAL DISTRESS-ANTEPART
656.40	INTRAUTERINE DEATH-UNSPEC
656.41	INTRAUTER DEATH-DELIV
656.43	INTRAUTER DEATH-ANTEPART
656.50	POOR FETAL GROWTH-UNSPEC
656.51	POOR FETAL GROWTH-DELIV

Table 7.02 Obstetrics	
Code	Shortened Description
656.53	POOR FETAL GRTH-ANTEPART
656.60	EXCESS FETAL GRTH-UNSPEC
656.61	EXCESS FETAL GRTH-DELIV
656.63	EXCESS FET GRTH-ANTEPART
656.70	OTH PLACENT COND-UNSPEC
656.71	OTH PLACENT COND-DELIV
656.73	OTH PLACENT COND-ANTEPAR
656.80	FET/PLAC PROB NEC-UNSPEC
656.81	FET/PLAC PROB NEC-DELIV
656.83	FET/PLAC PROB NEC-ANTEPA
656.90	FET/PLAC PROB NOS-UNSPEC
656.91	FET/PLAC PROB NOS-DELIV
656.93	FET/PLAC PROB NOS-ANTEPA
657.00	POLYHYDRAMNIOS-UNSPEC
657.01	POLYHYDRAMNIOS-DELIV
657.03	POLYHYDRAMNIOS-ANTEPART
658.00	OLIGOHYDRAMNIOS-UNSPEC
658.01	OLIGOHYDRAMNIOS-DELIV
658.03	OLIGOHYDRAMNIOS-ANTEPAR
658.10	PREM RUPT MEMBRAN-UNSPEC
658.11	PREM RUPT MEMBRAN-DELIV
658.13	PREM RUPT MEMB-ANTEPART
658.20	PROLONG RUPT MEMB-UNSPEC
658.21	PROLONG RUPT MEMB-DELIV
658.23	PROLONG RUP MEMB-ANTEPAR
658.30	ARTIFIC RUPT MEMBR-UNSP
658.31	ARTIFIC RUPT MEMBR-DELIV
658.33	ARTIF RUPT MEMB-ANTEPART
658.40	AMNIOTIC INFECTION-UNSP
658.41	AMNIOTIC INFECTION-DELIV
658.43	AMNIOTIC INFECT-ANTEPART
658.80	AMNIOTIC PROB NEC-UNSPEC
658.81	AMNIOTIC PROB NEC-DELIV
658.83	AMNION PROB NEC-ANTEPART
658.90	AMNIOTIC PROB NOS-UNSPEC
658.91	AMNIOTIC PROB NOS-DELIV
658.93	AMNION PROB NOS-ANTEPART
659.00	FAIL MECHAN INDUCT-UNSP
659.01	FAIL MECH INDUCT-DELIVER
659.03	FAIL MECH INDUCT-ANTEPAR
659.10	FAIL INDUCTION NOS-UNSP
659.11	FAIL INDUCTION NOS-DELIV
659.13	FAIL INDUCT NOS-ANTEPART
659.20	PYREXIA IN LABOR-UNSPEC

Table 7.02 Obstetrics	
Code	Shortened Description
659.21	PYREXIA IN LABOR-DELIVER
659.23	PYREXIA IN LABOR-ANTEPAR
659.30	SEPTICEMIA IN LABOR-UNSP
659.31	SEPTICEM IN LABOR-DELIV
659.33	SEPTICEM IN LABOR-ANTEPA
659.40	GRAND MULTIPARITY-UNSPEC
659.41	GRAND MULTIPARITY-DELIV
659.43	GRAND MULTIPARITY-ANTEPA
659.50	ELDERLY PRIMIGRAVID-UNSP
659.51	ELDERLY PRIMIGRAVIDA-DEL
659.53	ELDER PRIMIGRAVID-ANTEPA
659.60	ELDERLY MULTIGRAVIDA-UNS
659.61	ELDERLY MULTIGRAVIDA-DEL
659.63	ELDERLY MULTIGRAVD-ANTEP
659.70	ABN FTL HRT RATE/RHY-UNS
659.71	ABN FTL HRT RATE/RHY-DEL
659.73	ABN FTL HRT RATE/RHY-ANT
659.80	COMPLIC LABOR NEC-UNSP
659.81	COMPLIC LABOR NEC-DELIV
659.83	COMPL LABOR NEC-ANTEPART
659.90	COMPLIC LABOR NOS-UNSPEC
659.91	COMPLIC LABOR NOS-DELIV
659.93	COMPL LABOR NOS-ANTEPART
660.00	OBSTRUCT/FET MALPOS-UNSPEC
660.01	OBSTRUC/FET MALPOS-DELIV
660.03	OBSTRUC/FET MALPOS-ANTEP
660.10	BONY PELV OBSTRUC-UNSPEC
660.11	BONY PELV OBSTRUCT-DELIV
660.13	BONY PELV OBSTRUC-ANTEPA
660.20	ABN PELV TISS OBSTR-UNSPEC
660.21	ABN PELV TIS OBSTR-DELIV
660.23	ABN PELV TIS OBSTR-ANTEP
660.30	PERSIST OCCIPTPOST-UNSPEC
660.31	PERSIST OCCIPTPOST-DELIV
660.33	PERSIST OCCIPTPOST-ANTEP
660.40	SHOULDER DYSTOCIA-UNSPEC
660.41	SHOULDER DYSTOCIA-DELIV
660.43	SHOULDER DYSTOCIA-ANTEPA
660.50	LOCKED TWINS-UNSPECIFIED
660.51	LOCKED TWINS-DELIVERED
660.53	LOCKED TWINS-ANTEPARTUM
660.60	FAIL TRIAL LAB NOS-UNSP
660.61	FAIL TRIAL LAB NOS-DELIV
660.63	FAIL TRIAL LAB NOS-ANTEP

Table 7.02 Obstetrics	
Code	Shortened Description
660.70	FAILED FORCEP NOS-UNSPEC
660.71	FAILED FORCEPS NOS-DELIV
660.73	FAIL FORCEPS NOS-ANTEPAR
660.80	OBSTRUC LABOR NEC-UNSPEC
660.81	OBSTRUCT LABOR NEC-DELIV
660.83	OBSTRUC LABOR NEC-ANTEPA
660.90	OBSTRUC LABOR NOS-UNSPEC
660.91	OBSTRUCT LABOR NOS-DELIV
660.93	OBSTRUC LABOR NOS-ANTEPA
661.00	PRIM UTERINE INERT-UNSP
661.01	PRIM UTERINE INERT-DELIV
661.03	PRIM UTER INERT-ANTEPART
661.10	SEC UTERINE INERT-UNSPEC
661.11	SEC UTERINE INERT-DELIV
661.13	SEC UTERINE INERT-ANTEPA
661.20	UTERINE INERTIA NEC-UNSP
661.21	UTERINE INERT NEC-DELIV
661.23	UTERINE INERT NEC-ANTEPA
661.30	PRECIPITATE LABOR-UNSPEC
661.31	PRECIPITATE LABOR-DELIV
661.33	PRECIPITATE LABOR-ANTEPA
661.40	UTER DYSTOCIA NOS-UNSPEC
661.41	UTER DYSTOCIA NOS-DELIV
661.43	UTER DYSTOCIA NOS-ANTEPA
661.90	ABNORMAL LABOR NOS-UNSP
661.91	ABNORMAL LABOR NOS-DELIV
661.93	ABNORM LABOR NOS-ANTEPAR
662.00	PROLONGED 1ST STAGE-UNSP
662.01	PROLONG 1ST STAGE-DELIV
662.03	PROLONG 1ST STAGE-ANTEPA
662.10	PROLONGED LABOR NOS-UNSP
662.11	PROLONG LABOR NOS-DELIV
662.13	PROLONG LABOR NOS-ANTEPA
662.20	PROLONGED 2ND STAGE-UNSP
662.21	PROLONG 2ND STAGE-DELIV
662.23	PROLONG 2ND STAGE-ANTEPA
662.30	DELAY DEL 2ND TWIN-UNSP
662.31	DELAY DEL 2ND TWIN-DELIV
662.33	DELAY DEL 2 TWIN-ANTEPAR
663.00	CORD PROLAPSE-UNSPEC
663.01	CORD PROLAPSE-DELIVERED
663.03	CORD PROLAPSE-ANTEPARTUM
663.10	CORD AROUND NECK-UNSP
663.11	CORD AROUND NECK-DELIVER

Table 7.02 Obstetrics	
Code	Shortened Description
663.13	CORD AROUND NECK-ANTEPAR
663.20	CORD COMPRESS NEC-UNSPEC
663.21	CORD COMPRESS NEC-DELIV
663.23	CORD COMPRES NEC-ANTEPAR
663.30	CORD ENTANGLE NEC-UNSPEC
663.31	CORD ENTANGLE NEC-DELIV
663.33	CORD ENTANGL NEC-ANTEPAR
663.40	SHORT CORD-UNSPECIFIED
663.41	SHORT CORD-DELIVERED
663.43	SHORT CORD-ANTEPARTUM
663.50	VASA PREVIA-UNSPECIFIED
663.51	VASA PREVIA-DELIVERED
663.53	VASA PREVIA-ANTEPARTUM
663.60	VASC LESION CORD-UNSPEC
663.61	VASC LESION CORD-DELIVER
663.63	VASC LESION CORD-ANTEPAR
663.80	CORD COMPLICAT NEC-UNSP
663.81	CORD COMPLICAT NEC-DELIV
663.83	CORD COMPL NEC-ANTEPART
663.90	CORD COMPLICAT NOS-UNSP
663.91	CORD COMPLICAT NOS-DELIV
663.93	CORD COMPL NOS-ANTEPART
664.00	DEL W 1 DEG LACERAT-UNSP
664.01	DEL W 1 DEG LACERAT-DEL
664.04	DEL W 1 DEG LAC-POSTPART
664.10	DEL W 2 DEG LACERAT-UNSP
664.11	DEL W 2 DEG LACERAT-DEL
664.14	DEL W 2 DEG LAC-POSTPART
664.20	DEL W 3 DEG LACERAT-UNSP
664.21	DEL W 3 DEG LACERAT-DEL
664.24	DEL W 3 DEG LAC-POSTPART
664.30	DEL W 4 DEG LACERAT-UNSP
664.31	DEL W 4 DEG LACERAT-DEL
664.34	DEL W 4 DEG LAC-POSTPART
664.40	OB PERINEAL LAC NOS-UNSP
664.41	OB PERINEAL LAC NOS-DEL
664.44	PERINEAL LAC NOS-POSTPAR
664.50	OB PERINEAL HEMATOM-UNSP
664.51	OB PERINEAL HEMATOMA-DEL
664.54	PERIN HEMATOMA-POSTPART
664.80	OB PERIN TRAUM NEC-UNSP
664.81	OB PERINEAL TRAU NEC-DEL
664.84	PERIN TRAUM NEC-POSTPART
664.90	OB PERIN TRAUM NOS-UNSP

Table 7.02 Obstetrics	
Code	Shortened Description
664.91	OB PERINEAL TRAU NOS-DEL
664.94	PERIN TRAUM NOS-POSTPART
665.00	PRELABOR RUPT UTER-UNSP
665.01	PRELABOR RUPT UTERUS-DEL
665.03	PRELAB RUPT UTER-ANTEPAR
665.10	RUPTURE UTERUS NOS-UNSP
665.11	RUPTURE UTERUS NOS-DELIV
665.20	INVERSION OF UTERUS-UNSP
665.22	INVERS UTERUS-DEL W P/P
665.24	INVERS UTERUS-POSTPART
665.30	LACERAT OF CERVIX-UNSPEC
665.31	LACERAT OF CERVIX-DELIV
665.34	LACER OF CERVIX-POSTPART
665.40	HIGH VAGINAL LACER-UNSP
665.41	HIGH VAGINAL LACER-DELIV
665.44	HIGH VAGINAL LAC-POSTPAR
665.50	OB INJ PELV ORG NEC-UNSP
665.51	OB INJ PELV ORG NEC-DEL
665.54	INJ PELV ORG NEC-POSTPAR
665.60	DAMAGE TO PELVIC JT-UNSP
665.61	DAMAGE TO PELVIC JT-DEL
665.64	DAMAGE PELVIC JT-POSTPAR
665.70	OB PELVIC HEMATOMA-UNSP
665.71	OB PELVIC HEMATOMA-DELIV
665.72	PELVIC HEMATOM-DEL W PP
665.74	PELVIC HEMATOMA-POSTPART
665.80	OB TRAUMA NEC-UNSPEC
665.81	OB TRAUMA NEC-DELIVERED
665.82	OB TRAUMA NEC-DEL W P/P
665.83	OB TRAUMA NEC-ANTEPARTUM
665.84	OB TRAUMA NEC-POSTPARTUM
665.90	OB TRAUMA NOS-UNSPEC
665.91	OB TRAUMA NOS-DELIVERED
665.92	OB TRAUMA NOS-DEL W P/P
665.93	OB TRAUMA NOS-ANTEPARTUM
665.94	OB TRAUMA NOS-POSTPARTUM
666.00	THIRD-STAGE HEM-UNSPEC
666.02	THRD-STAGE HEM-DEL W P/P
666.04	THIRD-STAGE HEM-POSTPART
666.10	POSTPARTUM HEM NEC-UNSP
666.12	POSTPA HEM NEC-DEL W P/P
666.14	POSTPART HEM NEC-POSTPAR
666.20	DELAY P/PART HEM-UNSPEC
666.22	DELAY P/P HEM-DEL W P/P

Table 7.02 Obstetrics	
Code	Shortened Description
666.24	DELAY P/PART HEM-POSTPAR
666.30	POSTPART COAGUL DEF-UNSP
666.32	P/P COAG DEF-DEL W P/P
666.34	POSTPART COAG DEF-POSTPA
667.00	RETAIN PLACENTA NOS-UNSP
667.02	RETND PLAC NOS-DEL W P/P
667.04	RETAIN PLAC NOS-POSTPART
667.10	RETAIN PROD CONCEPT-UNSP
667.12	RET PROD CONC-DEL W P/P
667.14	RET PROD CONCEPT-POSTPAR
668.00	PULM COMPL IN DEL-UNSPEC
668.01	PULM COMPL IN DEL-DELIV
668.02	PULM COMPLIC-DEL W P/P
668.10	HEART COMPL IN DEL-UNSP
668.11	HEART COMPL IN DEL-DELIV
668.12	HEART COMPL-DEL W P/P
668.20	CNS COMPL LABOR/DEL-UNSP
668.21	CNS COMPL LAB/DEL-DELIV
668.22	CNS COMPLIC-DEL W P/P
668.80	ANESTH COMP DEL NEC-UNSP
668.81	ANESTH COMPL NEC-DELIVER
668.82	ANESTH COMPL NEC-DEL P/P
668.83	ANESTH COMPL ANTEPARTUM
668.84	ANESTH COMPL-POSTPARTUM
668.90	ANESTH COMP DEL NOS-UNSP
668.91	ANESTH COMPL NOS-DELIVER
668.92	ANESTH COMPL NOS-DEL P/P
668.93	ANESTH COMPL-ANTEPARTUM
668.94	ANESTH COMPL-POSTPARTUM
669.00	MATERNAL DISTRESS-UNSPEC
669.01	MATERNAL DISTRESS-DELIV
669.02	MATERN DISTRES-DEL W P/P
669.03	MATERN DISTRESS-ANTEPAR
669.04	MATERN DISTRESS-POSTPART
669.10	OBSTETRIC SHOCK-UNSPEC
669.11	OBSTETRIC SHOCK-DELIVER
669.12	OBSTET SHOCK-DELIV W P/P
669.20	MATERN HYPOTENS SYN-UNSP
669.21	MATERN HYPOTEN SYN-DELIV
669.22	MATERN HYPOTEN-DEL W P/P
669.23	MATERN HYPOTENS-ANTEPAR
669.24	MATERN HYPOTENS-POSTPART
669.30	AC KIDNEY FAIL W DEL-UNSP
669.32	AC KIDNEY FAIL-DEL W P/P

Table 7.02 Obstetrics	
Code	Shortened Description
669.40	OTH OB SURG COMPL-UNSPEC
669.41	OTH OB COMPL-DELIVERED
669.42	OTH OB COMPL-DELIV W P/P
669.43	COMPLC OB SURG ANTEPRTM
669.44	OTH OB SURG COMPL-POSTPA
669.50	FORCEP DELIV NOS-UNSPEC
669.51	FORCEP DELIV NOS-DELIVER
669.60	BREECH EXTR NOS-UNSPEC
669.61	BREECH EXTR NOS-DELIVER
669.70	CESAREAN DELIV NOS-UNSP
669.71	CESAREAN DELIVERY NOS
669.80	COMPL LAB/DELIV NEC-UNSP
669.81	COMP LAB/DELIV NEC-DELIV
669.82	COMPL DEL NEC-DEL W P/P
669.83	COMPL DELIV NEC-ANTEPAR
669.84	COMPL DELIV NEC-POSTPART
669.90	COMPL LAB/DELIV NOS-UNSP
669.91	COMP LAB/DELIV NOS-DELIV
669.92	COMPL DEL NOS-DEL W P/P
669.93	COMPL DELIV NOS-ANTEPAR
669.94	COMPL DELIV NOS-POSTPART
670.00	MAJ PUERP INF NOS-UNSP
670.02	MAJ PUER INF NOS-DEL P/P
670.04	MAJOR PUERP INF NOS-P/P
671.00	VARIC VEIN LEG PREG-UNSP
671.01	VARICOSE VEIN LEG-DELIV
671.02	VARIC VEIN LEG-DEL W P/P
671.10	VARIC VULVA PREG-UNSPEC
671.11	VARICOSE VULVA-DELIVERED
671.12	VARICOSE VULVA-DEL W P/P
671.20	THROMBOPHLEB PREG-UNSPEC
671.21	THROMBOPHLEBITIS-DELIVER
671.22	THROMBOPHLEB-DELIV W P/P
671.80	VENOUS COMPL NEC-UNSPEC
671.81	VENOUS COMPL NEC-DELIVER
671.82	VEN COMP NEC-DELIV W P/P
672.00	PUERPERAL PYREXIA-UNSPEC
672.02	PUERP PYREXIA-DEL W P/P
673.00	OB AIR EMBOLISM-UNSPEC
673.01	OB AIR EMBOLISM-DELIVER
673.02	OB AIR EMBOL-DELIV W P/P
673.10	AMNIOTIC EMBOLISM-UNSPEC
673.11	AMNIOTIC EMBOLISM-DELIV
673.12	AMNIOT EMBOL-DELIV W P/P

Table 7.02 Obstetrics	
Code	Shortened Description
673.30	OB PYEMIC EMBOL-UNSPEC
673.31	OB PYEMIC EMBOL-DELIVER
673.32	OB PYEM EMBOL-DEL W P/P
673.33	OB PYEMIC EMBOL-ANTEPART
673.34	OB PYEMIC EMBOL-POSTPART
673.80	PULMON EMBOL NEC-UNSP
673.81	PULMON EMBOL NEC-DELIVER
673.82	PULM EMBOL NEC-DEL W P/P
674.00	PUERP CEREBVASC DIS-UNSP
674.01	PUERP CEREBVAS DIS-DELIV
674.02	CEREBVAS DIS-DELIV W P/P
674.10	DISRUPT C-SECT WND-UNSP
674.12	DISRUPT C-SECT-DEL W P/P
674.20	DISRUPT PERINEUM-UNSPEC
674.22	DISRUPT PERIN-DEL W P/P
674.30	OB SURG COMPL NEC-UNSPEC
674.32	OB SURG COMPL-DEL W P/P
674.40	PLACENTAL POLYP-UNSPEC
674.42	PLACENT POLYP-DEL W P/P
674.50	PERIPART CARDIOMY-UNSPEC
674.51	PERIPARTUM CARDIOMY-DEL
674.52	PERIPART CARD DEL W P/P
674.80	PUERP COMPL NEC-UNSPEC
674.82	PUERP COMP NEC-DEL W P/P
674.90	PUERP COMPL NOS-UNSPEC
674.92	PUERP COMP NOS-DEL W P/P
675.00	INFECT NIPPLE PREG-UNSP
675.01	INFECT NIPPLE-DELIVERED
675.02	INFECT NIPPLE-DEL W P/P
675.10	BREAST ABSCESS PREG-UNSPEC
675.11	BREAST ABSCESS-DELIVERED
675.12	BREAST ABSCESS-DEL W P/P
675.20	MASTITIS IN PREG-UNSPEC
675.21	MASTITIS-DELIVERED
675.22	MASTITIS-DELIV W P/P
675.80	BREAST INF PREG NEC-UNSPEC
675.81	BREAST INFECT NEC-DELIV
675.82	BREAST INF NEC-DEL W P/P
675.90	BREAST INF PREG NOS-UNSP
675.91	BREAST INFECT NOS-DELIV
675.92	BREAST INF NOS-DEL W P/P
676.00	RETRACT NIPPLE PREG-UNSP
676.01	RETRACTED NIPPLE-DELIV
676.02	RETRACT NIPPLE-DEL W P/P

Table 7.02 Obstetrics	
Code	Shortened Description
676.03	RETRACT NIPPLE-ANTEPART
676.04	RETRACT NIPPLE-POSTPART
676.10	CRACKED NIPPLE PREG-UNSP
676.11	CRACKED NIPPLE-DELIV
676.12	CRACKED NIPPLE-DEL W P/P
676.13	CRACKED NIPPLE-ANTEPART
676.14	CRACKED NIPPLE-POSTPART
676.20	BREAST ENGORGE-UNSPEC
676.21	BREAST ENGORGE-DELIV
676.22	BREAST ENGORGE-DEL W P/P
676.23	BREAST ENGORGE-ANTEPART
676.24	BREAST ENGORGE-POSTPART
676.30	BREAST DIS PREG NEC-UNSP
676.31	BREAST DIS NEC-DELIV
676.32	BREAST DIS NEC-DEL W P/P
676.33	BREAST DIS NEC-ANTEPART
676.34	BREAST DIS NEC-POSTPART
676.40	LACTATION FAIL-UNSPEC
676.41	LACTATION FAIL-DELIVERED
676.42	LACTATION FAIL-DEL W P/P
676.43	LACTATION FAILURE-ANTEPART
676.44	LACTATION FAILURE-POSTPART
676.50	SUPPR LACTATION-UNSPEC
676.51	SUPPR LACTATION-DELIVER
676.52	SUPPR LACTAT-DEL W P/P
676.53	SUPPR LACTATION-ANTEPAR
676.54	SUPPR LACTATION-POSTPART
676.60	GALACTORRHEA PREG-UNSPEC
676.61	GALACTORRHEA-DELIVERED
676.62	GALACTORRHEA-DEL W P/P
676.63	GALACTORRHEA-ANTEPARTUM
676.64	GALACTORRHEA-POSTPARTUM
676.80	LACTATION DIS NEC-UNSPEC
676.81	LACTATION DIS NEC-DELIV
676.82	LACTAT DIS NEC-DEL W P/P
676.83	LACTAT DIS NEC-ANTEPART
676.84	LACTAT DIS NEC-POSTPART
676.90	LACTATION DIS NOS-UNSPEC
676.91	LACTATION DIS NOS-DELIV
676.92	LACTAT DIS NOS-DEL W P/P
676.93	LACTAT DIS NOS-ANTEPART
676.94	LACTAT DIS NOS-POSTPART
677	LATE EFFECT CMPLCATN PREG

Table 7.03 Venous Thromboembolism (VTE)

Code	Shortened Description
415.11	IATROGEN PULM EMB/INFARC
415.19	PULM EMBOL/INFARCT NEC
451.11	FEMORAL VEIN PHLEBITIS
451.19	DEEP PHLEBITIS-LEG NEC
451.2	THROMBOPHLEBITIS LEG NOS
451.81	ILIAC THROMBOPHLEBITIS
451.9	THROMBOPHLEBITIS NOS
453.40	DVT/EMBLSM LOWER EXT NOS
453.41	DVT/EMB PROX LOWER EXT
453.87	AC EMBL THORAC VEIN NEC
453.89	AC EMBOLISM VEINS NEC
453.9	VENOUS THROMBOSIS NOS

Last Updated: Version 3.2

Table 7.04 Obstetrics – VTE

Code	Shortened Description
634.60	SPON ABORT W EMBOL-UNSPEC
634.61	SPON ABORT W EMBOL-INC
634.62	SPON ABORT W EMBOL-COMP
635.60	LEGAL ABORT W EMBOL-UNSPEC
635.61	LEGAL ABORT W EMBOL-INC
635.62	LEGAL ABORT W EMBOL-COMP
636.60	ILLEG AB W EMBOLISM-UNSPEC
636.61	ILLEG AB W EMBOLISM-INC
636.62	ILLEG AB W EMBOLISM-COMP
637.60	AB NOS W EMBOLISM-UNSP
637.61	AB NOS W EMBOLISM-INC
637.62	AB NOS W EMBOLISM-COMP
638.6	ATTEMP ABORT W EMBOLISM
639.6	POSTABORTION EMBOLISM
671.30	DEEP THROMB ANTEPAR-UNSPEC
671.31	DEEP THROM ANTEPAR-DELIV
671.33	DEEP VEIN THROMB-ANTEPAR
671.40	DEEP THROMB POSTPAR-UNSPEC
671.42	THROMB POSTPAR-DEL W P/P
671.44	DEEP VEIN THROMB-POSTPAR
671.50	THROMBOSIS NEC PREG-UNSPEC
671.51	THROMBOSIS NEC-DELIV
671.52	THROMB NEC-DELIV W P/P
671.53	THROMBOSIS NEC-ANTEPART
671.54	THROMBOSIS NEC-POSTPART

Table 7.04 Obstetrics – VTE	
Code	Shortened Description
671.90	VEN COMPL PREG NOS-UNSPEC
671.91	VENOUS COMPL NOS-DELIVER
671.92	VEN COMP NOS-DELIV W P/P
671.93	VENOUS COMPL NOS-ANTEPAR
671.94	VENOUS COMPL NOS-POSTPAR
673.20	OB PULM EMBOL NOS-UNSPEC
673.21	PULM EMBOL NOS-DELIV
673.22	PULM EMBOL NOS-DELIV W P/P
673.23	PULM EMBOL NOS-ANTEPART
673.24	PULM EMBOL NOS-POSTPART

Last Updated: Version 3.2

Table 8.1 Ischemic Stroke (STK)	
Code	Shortened Description
433.01	OCL BSLR ART W INFRCT
433.10	OCL CRTD ART WO INFRCT
433.11	OCL CRTD ART W INFRCT
433.21	OCL VRTB ART W INFRCT
433.31	OCL MLT BI ART W INFRCT
433.81	OCL SPCF ART W INFRCT
433.91	OCL ART NOS W INFRCT
434.00	CRBL THRMBS WO INFRCT
434.01	CRBL THRMBS W INFRCT
434.11	CRBL EMBLSM W INFRCT
434.91	CRBL ART OCL NOS W INFRC
436	CVA

Last Updated: Version 3.2

Table 8.2 Hemorrhagic Stroke (STK)	
Code	Shortened Description
430	SUBARACHNOID HEMORRHAGE
431	INTRACEREBRAL HEMORRHAGE

Last Updated: Version 3.2

Table 12.1 Diabetes	
Code	Shortened Description
250.00	DMII WO CMP NT ST UNCNTR
250.01	DMI WO CMP NT ST UNCNTRL
250.02	DMII WO CMP UNCNTRLD
250.03	DMI WO CMP UNCNTRLD
250.10	DMII KETO NT ST UNCNTRLD

Table 12.1 Diabetes	
Code	Shortened Description
250.11	DMI KETO NT ST UNCNTRLD
250.12	DMII KETOACD UNCONTROL
250.13	DMI KETOACD UNCONTROL
250.20	DMII HPRSM NT ST UNCNTRL
250.21	DMI HPRSM NT ST UNCNTRLD
250.22	DMII HPROSMLR UNCONTROL
250.23	DMI HPROSMLR UNCONTROL
250.30	DMII O CM NT ST UNCNTRLD
250.31	DMI O CM NT ST UNCNTRLD
250.32	DMII OTH COMA UNCONTROL
250.33	DMI OTH COMA UNCONTROL
250.40	DMII RENL NT ST UNCNTRLD
250.41	DMI RENL NT ST UNCNTRLD
250.42	DMII RENAL UNCNTRLD
250.43	DMI RENAL UNCNTRLD
250.50	DMII OPTH NT ST UNCNTRL
250.51	DMI OPTH NT ST UNCNTRLD
250.52	DMII OPTH UNCNTRLD
250.53	DMI OPTH UNCNTRLD
250.60	DMII NEURO NT ST UNCNTRL
250.61	DMI NEURO NT ST UNCNTRLD
250.62	DMII NEURO UNCNTRLD
250.63	DMI NEURO UNCNTRLD
250.70	DMII CIRC NT ST UNCNTRLD
250.71	DMI CIRC NT ST UNCNTRLD
250.72	DMII CIRC UNCNTRLD
250.73	DMI CIRC UNCNTRLD
250.80	DMII OTH NT ST UNCNTRLD
250.81	DMI OTH NT ST UNCNTRLD
250.82	DMII OTH UNCNTRLD
250.83	DMI OTH UNCNTRLD
250.90	DMII UNSPF NT ST UNCNTRL
250.91	DMI UNSPF NT ST UNCNTRLD
250.92	DMII UNSPF UNCNTRLD
250.93	DMI UNSPF UNCNTRLD
357.2	NEUROPATHY IN DIABETES
362.0	DIABETIC RETINOPATHY NOS
366.41	DIABETIC CATARACT
648.00	DIABETES IN PREG-UNSPEC
648.01	DIABETES-DELIVERED
648.02	DIABETES-DELIVERED W P/P
648.03	DIABETES-ANTEPARTUM
648.04	DIABETES-POSTPARTUM

Table 12.2 End Stage Renal Disease (ESRD)

Code	Shortened Description
585.6	END STAGE RENAL DISEASE

Table 12.3 Pregnancy

Code	Shortened Description
640.00	THREATENED ABORT-UNSPEC
640.03	THREATEN ABORT-ANTEPART
640.90	HEMORR EARLY PREG-UNSPEC
640.93	HEM EARLY PREG-ANTEPART
641.00	PLACENTA PREVIA-UNSPEC
641.03	PLACENTA PREVIA-ANTEPART
641.10	PLACENTA PREV HEM-UNSPEC
641.11	PLACENTA PREV HEM-DELIV
641.13	PLACEN PREV HEM-ANTEPART
641.20	PREM SEPAR PLACEN-UNSPEC
641.23	PREM SEPAR PLAC-ANTEPART
641.80	ANTEPART HEM NEC-UNSPEC
641.83	ANTEPART HEM NEC-ANTEPAR
641.90	ANTEPART HEM NOS-UNSPEC
641.93	ANTEPART HEM NOS-ANTEPAR
642.00	ESSEN HYPERTEN PREG-UNSP
642.03	ESSEN HYPERTEN-ANTEPART
642.10	RENAL HYPERTEN PREG-UNSP
642.20	OLD HYPERTEN PREG-UNSPEC
642.23	OLD HYPERTEN NEC-ANTEPAR
642.30	TRANS HYPERTEN PREG-UNSP
642.33	TRANS HYPERTEN-ANTEPART
642.40	MILD/NOS PREECLAMP-UNSP
642.43	MILD/NOS PREECLAMP-ANTEP
642.50	SEVERE PREECLAMP-UNSPEC
642.53	SEV PREECLAMP-ANTEPARTUM
642.60	ECLAMPSIA-UNSPECIFIED
642.63	ECLAMPSIA-ANTEPARTUM
642.70	TOX W OLD HYPERTEN-UNSP
642.73	TOX W OLD HYPER-ANTEPART
642.90	HYPERTEN PREG NOS-UNSPEC
642.93	HYPERTENS NOS-ANTEPARTUM
643.00	MILD HYPEREM GRAV-UNSPEC
643.03	MILD HYPEREMESIS-ANTEPAR
643.10	HYPEREM W METAB DIS-UNSP
643.13	HYPEREM W METAB-ANTEPART
643.20	LATE VOMIT OF PREG-UNSP

Table 12.3 Pregnancy

Code	Shortened Description
643.23	LATE VOMIT PREG-ANTEPART
643.80	VOMIT COMPL PREG-UNSPEC
643.83	VOMIT COMPL PREG-ANTEPAR
643.90	VOMIT OF PREG NOS-UNSPEC
643.93	VOMIT OF PG NOS-ANTEPART
644.00	THREAT PREM LABOR-UNSPEC
644.03	THRT PREM LABOR-ANTEPART
644.10	THREAT LABOR NEC-UNSPEC
644.13	THREAT LABOR NEC-ANTEPAR
644.20	EARLY ONSET DELIV-UNSPEC
645.10	POST TERM PREG-UNSP
645.13	POST TERM PREG-ANTEPAR
645.20	PROLONGED PREG-UNSP
645.23	PROLONGED PREG-ANTEPAR
646.00	PAPYRACEOUS FETUS-UNSPEC
646.03	PAPYRACEOUS FET-ANTEPAR
646.10	EDEMA IN PREG-UNSPEC
646.13	EDEMA IN PREG-ANTEPARTUM
646.20	RENAL DIS PREG NOS-UNSP
646.23	RENAL DIS NOS-ANTEPARTUM
646.30	HABITUAL ABORTER-UNSPEC
646.33	HABITUAL ABORT-ANTEPART
646.40	NEURITIS OF PREG-UNSPEC
646.43	NEURITIS OF PREG-ANTEPAR
646.50	BACTERIURIA PREG-UNSPEC
646.53	ASY BACTERIURIA-ANTEPART
646.60	GU INFECT IN PREG-UNSPEC
646.63	GU INFECTION-ANTEPARTUM
646.70	LIVER DIS IN PREG-UNSPEC
646.73	LIVER DISORDER-ANTEPART
646.80	PREG COMPL NEC-UNSPEC
646.83	PREG COMPL NEC-ANTEPART
646.90	PREG COMPL NOS-UNSPEC
646.93	PREG COMPL NOS-ANTEPART
647.00	SYPHILIS IN PREG-UNSPEC
647.03	SYPHILIS-ANTEPARTUM
647.10	GONORRHEA IN PREG-UNSPEC
647.13	GONORRHEA-ANTEPARTUM
647.20	OTHER VD IN PREG-UNSPEC
647.23	OTHER VD-ANTEPARTUM
647.30	TB IN PREG-UNSPECIFIED
647.33	TUBERCULOSIS-ANTEPARTUM
647.40	MALARIA IN PREG-UNSPEC
647.43	MALARIA-ANTEPARTUM
647.50	RUBELLA IN PREG-UNSPEC

Table 12.3 Pregnancy

Code	Shortened Description
647.53	RUBELLA-ANTEPARTUM
647.60	OTH VIRUS IN PREG-UNSPEC
647.63	OTH VIRAL DIS-ANTEPARTUM
647.80	INF DIS IN PREG NEC-UNSP
647.83	INFECT DIS NEC-ANTEPART
647.90	INFECT IN PREG NOS-UNSP
647.93	INFECT NOS-ANTEPARTUM
648.00	DIABETES IN PREG-UNSPEC
648.03	DIABETES-ANTEPARTUM
648.10	THYROID DYSFUN PREG-UNSP
648.13	THYROID DYSFUNC-ANTEPART
648.20	ANEMIA IN PREG-UNSPEC
648.23	ANEMIA-ANTEPARTUM
648.30	DRUG DEPEND PREG-UNSPEC
648.33	DRUG DEPENDENCE-ANTEPART
648.40	MENTAL DIS PREG-UNSPEC
648.43	MENTAL DISORDER-ANTEPART
648.50	CONGEN CV DIS PREG-UNSP
648.53	CONGEN CV DIS-ANTEPARTUM
648.60	CV DIS NEC PREG-UNSPEC
648.63	CV DIS NEC-ANTEPARTUM
648.70	BONE DISORD IN PREG-UNSP
648.73	BONE DISORDER-ANTEPARTUM
648.80	ABN GLUCOSE IN PREG-UNSP
648.83	ABN GLUCOSE-ANTEPARTUM
648.90	OTH CURR COND PREG-UNSP
648.93	OTH CURR COND-ANTEPARTUM
649.00	TOBACCO USE DISORD-UNSP
649.03	TOBACCO USE DIS-ANTEPART
649.10	OBESITY-UNSPECIFIED
649.13	OBESITY-ANTEPARTUM
649.20	BARIATRIC SURG STAT-UNSP
649.23	BARIATRC SURG STAT-ANTEP
649.30	COAGULATION DEF-UNSPEC
649.33	COAGULATION DEF-ANTEPART
649.40	EPILEPSY-UNSPECIFIED
649.43	EPILEPSY-ANTEPARTUM
649.50	SPOTTING-UNSPECIFIED
649.53	SPOTTING-ANTEPARTUM
649.60	UTERINE SIZE DESCRP-UNSP
649.63	UTERINE SIZE DES-ANTEPAR
651.00	TWIN PREGNANCY-UNSPEC
651.03	TWIN PREGNANCY-ANTEPART
651.10	TRIPLET PREGNANCY-UNSPEC
651.13	TRIPLET PREG-ANTEPARTUM

Table 12.3 Pregnancy

Code	Shortened Description
651.20	QUADRUPLLET PREG-UNSPEC
651.23	QUADRUPLLET PREG-ANTEPART
651.30	TWINS W FETAL LOSS-UNSP
651.33	TWINS W FETAL LOSS-ANTE
651.40	TRIPLETS W FET LOSS-UNSP
651.43	TRIPLETS W FET LOSS-ANTE
651.50	QUADS W FETAL LOSS-UNSP
651.53	QUADS W FETAL LOSS-ANTE
651.60	MULT GES W FET LOSS-UNSP
651.63	MULT GES W FET LOSS-ANTE
651.70	MUL GEST-FET REDUCT UNSP
651.73	MUL GEST-FET REDUCT ANTE
651.80	MULTI GESTAT NEC-UNSPEC
651.83	MULTI GEST NEC-ANTEPART
651.90	MULTI GESTAT NOS-UNSPEC
651.93	MULTI GEST NOS-ANTEPART
652.00	UNSTABLE LIE-UNSPECIFIED
652.03	UNSTABLE LIE-ANTEPARTUM
652.10	CEPHALIC VERS NOS-UNSPEC
652.13	CEPHAL VERS NOS-ANTEPART
652.20	BREECH PRESENTAT-UNSPEC
652.23	BREECH PRESENT-ANTEPART
652.30	TRANSV/OBLIQ LIE-UNSPEC
652.33	TRANSV/OBLIQ LIE-ANTEPAR
652.40	FACE/BROW PRESENT-UNSPEC
652.43	FACE/BROW PRES-ANTEPART
652.50	HIGH HEAD AT TERM-UNSPEC
652.53	HIGH HEAD TERM-ANTEPART
652.60	MULT GEST MALPRESEN-UNSP
652.63	MULT GES MALPRES-ANTEPAR
652.70	PROLAPSED ARM-UNSPEC
652.73	PROLAPSED ARM-ANTEPART
652.80	MALPOSITION NEC-UNSPEC
652.83	MALPOSITION NEC-ANTEPART
652.90	MALPOSITION NOS-UNSPEC
652.93	MALPOSITION NOS-ANTEPART
653.00	PELVIC DEFORM NOS-UNSPEC
653.03	PELV DEFORM NOS-ANTEPART
653.10	CONTRACT PELV NOS-UNSPEC
653.13	CONTRAC PELV NOS-ANTEPAR
653.20	INLET CONTRACTION-UNSPEC
653.23	INLET CONTRACT-ANTEPART
653.30	OUTLET CONTRACTION-UNSP
653.33	OUTLET CONTRACT-ANTEPART
653.40	FETOPELV DISPROP-UNSPEC

Table 12.3 Pregnancy

Code	Shortened Description
653.43	FETOPEL DISPROP-ANTEPART
653.50	FETAL DISPROP NOS-UNSPEC
653.53	FETAL DISPRO NOS-ANTEPAR
653.60	HYDROCEPHAL FETUS-UNSPEC
653.63	HYDROCEPH FETUS-ANTEPART
653.70	OTH ABN FET DISPROP-UNSP
653.73	OTH ABN FET DISPRO-ANTEP
653.80	DISPROPORTION NEC-UNSPEC
653.83	DISPROPOR NEC-ANTEPARTUM
653.90	DISPROPORTION NOS-UNSPEC
653.93	DISPROPOR NOS-ANTEPARTUM
654.00	CONG ABN UTER PREG-UNSP
654.03	CONGEN ABN UTER-ANTEPART
654.10	UTER TUMOR IN PREG-UNSP
654.13	UTERINE TUMOR-ANTEPARTUM
654.20	PREV C-DELIVERY UNSPEC
654.23	PREV C-DELIVERY-ANTEPART
654.30	RETROVERT UTERUS-UNSPEC
654.33	RETROVERT UTER-ANTEPART
654.40	ABN GRAV UTERUS NEC-UNSP
654.43	ABN UTERUS NEC-ANTEPART
654.50	CERV INCOMPET PREG-UNSP
654.53	CERV INCOMPET-ANTEPARTUM
654.60	ABN CERVIX NEC PREG-UNSP
654.63	ABN CERVIX NEC-ANTEPART
654.70	ABN VAGINA IN PREG-UNSP
654.73	ABNORM VAGINA-ANTEPARTUM
654.80	ABN VULVA IN PREG-UNSPEC
654.83	ABNORMAL VULVA-ANTEPART
654.90	ABN PEL NEC IN PREG-UNSP
654.93	ABN PELV ORG NEC-ANTEPAR
655.00	FETAL CNS MALFORM-UNSPEC
655.03	FETAL CNS MALFOR-ANTEPAR
655.10	FETAL CHROMOS ABN-UNSPEC
655.13	FET CHROMO ABN-ANTEPART
655.20	FAMIL HEREDIT DIS-UNSPEC
655.23	FAMIL HERED DIS-ANTEPART
655.30	FET DAMG D/T VIRUS-UNSP
655.33	FET DAMG D/T VIRUS-ANTEP
655.40	FET DAMG D/T DIS-UNSPEC
655.43	FET DAMG D/T DIS-ANTEPAR
655.50	FETAL DAMG D/T DRUG-UNSP
655.53	FET DAMG D/T DRUG-ANTEPA
655.60	RADIAT FETAL DAMAG-UNSP
655.63	RADIAT FET DAMAG-ANTEPAR

Table 12.3 Pregnancy

Code	Shortened Description
655.70	DECREASE FETL MOVMT UNSP
655.73	DEC FETAL MOVMT ANTEPART
655.80	FETAL ABNORM NEC-UNSPEC
655.83	FETAL ABNORM NEC-ANTEPAR
655.90	FETAL ABNORM NOS-UNSPEC
655.93	FETAL ABNORM NOS-ANTEPAR
656.00	FETAL-MATERNAL HEM-UNSP
656.03	FETAL-MATERN HEM-ANTEPAR
656.10	RH ISOIMMUNIZATION-UNSP
656.13	RH ISOIMMUNIZAT-ANTEPART
656.20	ABO ISOIMMUNIZATION-UNSP
656.23	ABO ISOIMMUNIZAT-ANTEPAR
656.30	FETAL DISTRESS-UNSPEC
656.33	FETAL DISTRESS-ANTEPART
656.40	INTRAUTERINE DEATH-UNSP
656.43	INTRAUTER DEATH-ANTEPART
656.50	POOR FETAL GROWTH-UNSPEC
656.53	POOR FETAL GRTH-ANTEPART
656.60	EXCESS FETAL GRTH-UNSPEC
656.63	EXCESS FET GRTH-ANTEPART
656.70	OTH PLACENT COND-UNSPEC
656.73	OTH PLACENT COND-ANTEPAR
656.80	FET/PLAC PROB NEC-UNSPEC
656.83	FET/PLAC PROB NEC-ANTEPA
656.90	FET/PLAC PROB NOS-UNSPEC
656.93	FET/PLAC PROB NOS-ANTEPA
657.0	POLYHYDRAMNIOS-UNSPEC
657.3	POLYHYDRAMNIOS-ANTEPART
658.00	OLIGOHYDRAMNIOS-UNSPEC
658.03	OLIGOHYDRAMNIOS-ANTEPAR
658.10	PREM RUPT MEMBRAN-UNSPEC
658.13	PREM RUPT MEMB-ANTEPART
658.20	PROLONG RUPT MEMB-UNSPEC
658.23	PROLONG RUP MEMB-ANTEPAR
658.30	ARTIFIC RUPT MEMBR-UNSP
658.33	ARTIF RUPT MEMB-ANTEPART
658.40	AMNIOTIC INFECTION-UNSP
658.43	AMNIOTIC INFECT-ANTEPART
658.80	AMNIOTIC PROB NEC-UNSPEC
658.83	AMNION PROB NEC-ANTEPART
658.90	AMNIOTIC PROB NOS-UNSPEC
658.93	AMNION PROB NOS-ANTEPART
659.00	FAIL MECHAN INDUCT-UNSP
659.03	FAIL MECH INDUCT-ANTEPAR
659.10	FAIL INDUCTION NOS-UNSP

Table 12.3 Pregnancy

Code	Shortened Description
659.13	FAIL INDUCT NOS-ANTEPART
659.20	PYREXIA IN LABOR-UNSPEC
659.23	PYREXIA IN LABOR-ANTEPAR
659.30	SEPTICEMIA IN LABOR-UNSP
659.33	SEPTICEM IN LABOR-ANTEPA
659.40	GRAND MULTIPARITY-UNSPEC
659.43	GRAND MULTIPARITY-ANTEPA
659.50	ELDERLY PRIMIGRAVID-UNSP
659.53	ELDER PRIMIGRAVID-ANTEPA
659.60	ELDERLY MULTIGRAVIDA-UNS
659.63	ELDERLY MULTIGRAVD-ANTEP
659.70	ABN FTL HRT RATE/RHY-UNS
659.73	ABN FTL HRT RATE/RHY-ANT
659.80	COMPLIC LABOR NEC-UNSP
659.83	COMPL LABOR NEC-ANTEPART
659.90	COMPLIC LABOR NOS-UNSP
659.93	COMPL LABOR NOS-ANTEPART
660.00	OBSTRUCT/FET MALPOS-UNSP
660.03	OBSTRUC/FET MALPOS-ANTEP
660.10	BONY PELV OBSTRUC-UNSPEC
660.13	BONY PELV OBSTRUC-ANTEPA
660.20	ABN PELV TISS OBSTR-UNSP
660.23	ABN PELV TIS OBSTR-ANTEP
660.30	PERSIST OCCIPITPOST-UNSP
660.33	PERSIST OCCIPTPOST-ANTEP
660.40	SHOULDER DYSTOCIA-UNSPEC
660.43	SHOULDER DYSTOCIA-ANTEPA
660.50	LOCKED TWINS-UNSPECIFIED
660.53	LOCKED TWINS-ANTEPARTUM
660.60	FAIL TRIAL LAB NOS-UNSP
660.63	FAIL TRIAL LAB NOS-ANTEP
660.70	FAILE6D FORCEP NOS-UNSPEC
660.73	FAIL FORCEPS NOS-ANTEPAR
660.80	OBSTRUC LABOR NEC-UNSPEC
660.83	OBSTRUC LABOR NEC-ANTEPA
660.90	OBSTRUC LABOR NOS-UNSPEC
660.93	OBSTRUC LABOR NOS-ANTEPA
661.00	PRIM UTERINE INERT-UNSP
661.03	PRIM UTER INERT-ANTEPART
661.10	SEC UTERINE INERT-UNSPEC
661.13	SEC UTERINE INERT-ANTEPA
661.20	UTERINE INERTIA NEC-UNSP
661.23	UTERINE INERT NEC-ANTEPA
661.30	PRECIPITATE LABOR-UNSPEC
661.33	PRECIPITATE LABOR-ANTEPA

Table 12.3 Pregnancy

Code	Shortened Description
661.40	UTER DYSTOCIA NOS-UNSPEC
661.43	UTER DYSTOCIA NOS-ANTEPA
661.90	ABNORMAL LABOR NOS-UNSP
661.93	ABNORM LABOR NOS-ANTEPAR
662.00	PROLONGED 1ST STAGE-UNSP
662.03	PROLONG 1ST STAGE-ANTEPA
662.10	PROLONGED LABOR NOS-UNSP
662.13	PROLONG LABOR NOS-ANTEPA
662.20	PROLONGED 2ND STAGE-UNSP
662.23	PROLONG 2ND STAGE-ANTEPA
662.30	DELAY DEL 2ND TWIN-UNSP
662.33	DELAY DEL 2 TWIN-ANTEPAR
663.00	CORD PROLAPSE-UNSPEC
663.03	CORD PROLAPSE-ANTEPARTUM
663.10	CORD COMPRESS NEC-UNSPEC
663.13	CORD COMPRES NEC-ANTEPAR
663.20	CORD AROUND NECK-UNSPEC
663.23	CORD AROUND NECK-ANTEPAR
663.30	CORD ENTANGLE NEC-UNSPEC
663.33	CORD ENTANGL NEC-ANTEPAR
663.40	SHORT CORD-UNSPECIFIED
663.43	SHORT CORD-ANTEPARTUM
663.50	VASA PREVIA-UNSPECIFIED
663.53	VASA PREVIA-ANTEPARTUM
663.60	VASC LESION CORD-UNSPEC
663.63	VASC LESION CORD-ANTEPAR
663.80	CORD COMPLICAT NEC-UNSP
663.83	CORD COMPL NEC-ANTEPART
663.90	CORD COMPLICAT NOS-UNSP
663.93	CORD COMPL NOS-ANTEPART
664.00	DEL W 1 DEG LACERAT-UNSP
664.10	DEL W 2 DEG LACERAT-UNSP
664.20	DEL W 3 DEG LACERAT-UNSP
664.30	DEL W 4 DEG LACERAT-UNSP
664.40	OB PERINEAL LAC NOS-UNSP
664.50	OB PERINEAL HEMATOM-UNSP
664.60	ANAL SPHINCTER TEAR NOS
664.80	OB PERIN TRAUM NEC-UNSP
664.90	OB PERIN TRAUM NOS-UNSP
665.00	PRELABOR RUPT UTER-UNSP
665.03	PRELAB RUPT UTER-ANTEPAR
665.10	RUPTURE UTERUS NOS-UNSP
665.20	INVERSION OF UTERUS-UNSP
665.30	LACERAT OF CERVIX-UNSPEC
665.40	HIGH VAGINAL LACER-UNSP

Table 12.3 Pregnancy

Code	Shortened Description
665.50	OB INJ PELV ORG NEC-UNSP
665.60	DAMAGE TO PELVIC JT-UNSP
665.70	OB PELVIC HEMATOMA-UNSP
665.80	OB TRAUMA NEC-UNSPEC
665.83	OB TRAUMA NEC-ANTEPARTUM
665.90	OB TRAUMA NOS-UNSPEC
665.93	OB TRAUMA NOS-ANTEPARTUM
666.00	THIRD-STAGE HEM-UNSPEC
668.00	PULM COMPL IN DEL-UNSP
668.03	PULM COMPLICAT-ANTEPART
668.10	HEART COMPL IN DEL-UNSP
668.13	HEART COMPLIC-ANTEPART
668.20	CNS COMPL LABOR/DEL-UNSP
668.23	CNS COMPL IN DEL-ANTEPAR
668.80	ANESTH COMP DEL NEC-UNSP
668.83	ANESTH COMPL ANTEPARTUM
668.90	ANESTH COMP DEL NOS-UNSP
668.93	ANESTH COMPL-ANTEPARTUM
669.00	MATERNAL DISTRESS-UNSPEC
669.03	MATERN DISTRESS-ANTEPAR
669.10	OBSTETRIC SHOCK-UNSPEC
669.13	OBSTETRIC SHOCK-ANTEPAR
669.20	MATERN HYPOTENS SYN-UNSP
669.23	MATERN HYPOTENS-ANTEPAR
669.30	AC REN FAIL W DELIV-UNSP
671.00	VARIC VEIN LEG PREG-UNSP
671.03	VARIC VEIN LEG-ANTEPART
671.10	VARIC VULVA PREG-UNSPEC
671.13	VARICOSE VULVA-ANTEPART
671.20	THROMBOPHLEB PREG-UNSPEC
671.23	THROMBOPHLEBIT-ANTEPART
671.30	DEEP THROMB ANTEPAR-UNSP
671.33	DEEP VEIN THROMB-ANTEPAR
671.40	DEEP THROMB POSTPAR-UNSP
671.50	THROMBOSIS NEC PREG-UNSP
671.53	THROMBOSIS NEC-ANTEPART
671.80	VEN COMPL PREG NEC-UNSP
671.83	VENOUS COMPL NEC-ANTEPAR
671.90	VEN COMPL PREG NOS-UNSP
671.93	VENOUS COMPL NOS-ANTEPAR
673.10	AMNIOTIC EMBOLISM-UNSPEC
673.13	AMNIOTIC EMBOL-ANTEPART
673.23	PULM EMBOL NOS-ANTEPART
673.30	OB PYEMIC EMBOL-UNSPEC
673.33	OB PYEMIC EMBOL-ANTEPART

Table 12.3 Pregnancy

Code	Shortened Description
673.80	OB PULMON EMBOL NEC-UNSP
673.83	PULMON EMBOL NEC-ANTEPAR
674.03	CEREBROVASC DIS-ANTEPART
674.40	PLACENTAL POLYP-UNSPEC
674.50	PERIPART CARDIOMY-UNSPEC
674.53	PERIPARTUM CARD-ANTEPART
674.80	PUERP COMPL NEC-UNSPEC
674.90	PUERP COMPL NOS-UNSPEC
675.00	INFECT NIPPLE PREG-UNSP
675.03	INFECT NIPPLE-ANTEPARTUM
675.10	BREAST ABSCESS PREG-UNSP
675.13	BREAST ABSCESS-ANTEPART
675.20	MASTITIS IN PREG-UNSPEC
675.23	MASTITIS-ANTEPARTUM
675.80	BREAST INF PREG NEC-UNSP
675.83	BREAST INF NEC-ANTEPART
675.90	BREAST INF PREG NOS-UNSP
675.93	BREAST INF NOS-ANTEPART
676.00	RETRACT NIPPLE PREG-UNSP
676.03	RETRACT NIPPLE-ANTEPART
676.10	CRACKED NIPPLE PREG-UNSP
676.13	CRACKED NIPPLE-ANTEPART
676.20	BREAST ENGORGE-UNSPEC
676.23	BREAST ENGORGE-ANTEPART
676.30	BREAST DIS PREG NEC-UNSP
676.33	BREAST DIS NEC-ANTEPART
676.40	LACTATION FAIL-UNSPEC
676.43	LACTATION FAIL-ANTEPART
676.50	SUPPR LACTATION-UNSPEC
676.53	SUPPR LACTATION-ANTEPAR
676.60	GALACTORRHEA PREG-UNSPEC
676.63	GALACTORRHEA-ANTEPARTUM
676.80	LACTATION DIS NEC-UNSPEC
676.83	LACTAT DIS NEC-ANTEPART
676.90	LACTATION DIS NOS-UNSPEC
676.93	LACTAT DIS NOS-ANTEPART
677	LATE EFFCT CMPLCATN PREG
V22.0	SUPERVIS NORMAL 1ST PREG
V22.1	SUPERVIS OTH NORMAL PREG
V22.2	PREG STATE, INCIDENTAL
V23.0	PREG W HX OF INFERTILITY
V23.1	PREG W HX-TROPHOBLAS DIS
V23.2	PREG W HX OF ABORTION
V23.3	GRAND MULTIPARITY
V23.41	PREG W HX PRE-TERM LABOR

Table 12.3 Pregnancy

Code	Shortened Description
V23.49	PREG W POOR OBS HX NEC
V23.5	PREG W POOR REPRODUCT HX
V23.7	INSUFFICNT PRENATAL CARE
V23.81	SUPRV ELDERLY PRIMIGRAV
V23.82	SUPRV ELDERLY MULTIGRAV
V23.83	SUPRV YOUNG PRIMIGRAVIDA
V23.84	SUPRV YOUNG MULTIGRAVIDA
V23.89	SUPRV HIGH-RISK PREG NEC
V23.9	SUPRV HIGH-RISK PREG NOS

Last Updated: Version 3.2

Table 12.4 Asthma

Code	Shortened Description
493.00	EXTRINSIC ASTHMA NOS
493.01	EXT ASTHMA W STATUS ASTH
493.02	EXT ASTHMA W(ACUTE) EXAC
493.10	INTRINSIC ASTHMA NOS
493.11	INT ASTHMA W STATUS ASTH
493.12	INT ASTHMA W (AC) EXAC
493.20	CHRONIC OBST ASTHMA NOS
493.21	CH OB ASTHMA W STAT ASTH
493.22	CH OBST ASTH W (AC) EXAC
493.81	EXERCSE IND BRONCHOSPASM
493.82	COUGH VARIANT ASTHMA
493.90	ASTHMA NOS
493.91	ASTHMA W STATUS ASTHMA
493.92	ASTHMA NOS W (AC) EXAC

Last Updated: Version 3.2

Table 12.5 Chronic Obstructive Pulmonary Disease (COPD)

Code	Shortened Description
491.0	SIMPLE CHR BRONCHITIS
491.1	MUCOPURUL CHR BRONCHITIS
491.20	OBST CHR BRONC W/O EXAC
491.21	OBS CHR BRONC W(AC) EXAC
491.22	OBS CHR BRONC W AC BRONC
491.8	CHRONIC BRONCHITIS NEC
491.9	CHRONIC BRONCHITIS NOS
492.0	EMPHYSEMATOUS BLEB
492.8	EMPHYSEMA NEC
496	CHR AIRWAY OBSTRUCT NEC

Table 12.6 Nephrotic Syndrome	
Code	Shortened Description
581.0	NEPHROTIC SYN, PROLIFER
581.1	EPIMEMBRANOUS NEPHRITIS
581.2	MEMBRANOPROLIF NEPHROSIS
581.3	MINIMAL CHANGE NEPHROSIS
581.81	NEPHROTIC SYN IN OTH DIS
581.89	NEPHROTIC SYNDROME NEC
581.9	NEPHROTIC SYNDROME NOS

Last Updated: Version 3.2

Table 12.7 Asplenia	
Code	Shortened Description
282.6	SICKLE CELL DISEASE NOS
746.87	MALPOSITION OF HEART
759.0	ANOMALIES OF SPLEEN

Last Updated: Version 3.2

Table 12.8 Human Immunodeficiency Virus (HIV)	
Code	Shortened Description
042	HUMAN IMMUNO VIRUS DIS
079.53	HIV-2 INFECTION OTH DIS
V08	ASYMP HIV INFECTN STATUS

Last Update: Version 3.2

Table 12.9 Influenza	
Code	Shortened Description
99.52	INFLUENZA VACCINATION

Racial/ethnic disparities for 26 performance measures using 2009 clinical data warehouse

We used SAS procedure Glimmix to account for the correlation/clustering effect of patients within hospital. Random intercepts were used for each hospital. The model included only race-related dummy variables. The between-hospital effects were estimated by including hospital proportion of patients for each minority group in the model. For details of the methodology see Hausmann et al. "Between-hospital and within-hospital racial and ethnic disparities in community-acquired pneumonia treatment and mortality." Medical Care 2009; 47(9): 1009-1017

We excluded patients whose race/ethnicity was missing or "unable to determine" in the dataset.

				Partitioning within- and between-hospital effects			
Race/ethnicity	Num	Den	Percent	Unadjusted OR (95%CI)	Within-hospital effects OR (95%CI)	Between-hospital effects OR (95%CI)	Re-scaled between- hospital effects OR (95%CI)
AMI1: Aspirin at arrival							
Caucasian	247,145	251,158	98.4	ref.	ref.	ref.	ref.
African-American	36,868	37,747	97.7	0.68 (0.63-0.73)	0.72 (0.66-0.79)	0.83 (0.60-1.15)	0.96 (0.89-1.03)
Hispanic	26,561	27,316	97.2	0.57 (0.53-0.62)	1.06 (0.93-1.20)	0.60 (0.45-0.81)	0.86 (0.79-0.94)
Asian/Pacific Islander	7,346	7,472	98.3	0.95 (0.79-1.13)	1.02 (0.82-1.26)	2.38 (1.05-5.42)	1.08 (1.00-1.16)
Native American	1,074	1,087	98.8	1.34 (0.78-2.32)	1.72 (0.92-3.20)	0.29 (0.07-1.18)	0.90 (0.81-1.01)
AMI2: Aspirin at discharge							
Caucasian	305,754	310,489	98.5	ref.	ref.	ref.	ref.
African-American	39,545	40,591	97.4	0.59 (0.55-0.63)	0.69 (0.64-0.75)	0.71 (0.48-1.04)	0.92 (0.85-1.01)
Hispanic	27,791	28,805	96.5	0.42 (0.40-0.45)	1.00 (0.89-1.12)	0.35 (0.25-0.49)	0.74 (0.67-0.82)
Asian/Pacific Islander	7,694	7,854	98.0	0.74 (0.64-0.87)	0.91 (0.75-1.10)	1.99 (0.77-5.11)	1.06 (0.98-1.16)
Native American	1,908	1,935	98.6	1.09 (0.75-1.60)	1.33 (0.84-2.10)	0.59 (0.10-3.55)	0.96 (0.83-1.11)
AMI3: ACEI or ARB for LVSD							
Caucasian	54,767	57,482	95.3	ref.	ref.	ref.	ref.
African-American	8,642	9,024	95.8	1.12 (1.01-1.25)	1.19 (1.05-1.36)	1.03 (0.72-1.47)	1.01 (0.93-1.09)
Hispanic	5,591	5,896	94.8	0.91 (0.80-1.03)	1.25 (1.06-1.49)	0.59 (0.43-0.81)	0.86 (0.78-0.94)
Asian/Pacific Islander	1,302	1,372	94.9	0.92 (0.72-1.18)	0.94 (0.71-1.25)	1.11 (0.45-2.69)	1.01 (0.93-1.09)
Native American	371	393	94.4	0.84 (0.54-1.29)	0.98 (0.60-1.58)	0.36 (0.06-2.23)	0.92 (0.79-1.07)
AMI4: Smoking cessation counseling							
Caucasian	103,977	104,611	99.4	ref.	ref.	ref.	ref.
African-American	16,611	16,741	99.2	0.78 (0.64-0.94)	0.86 (0.66-1.07)	0.88 (0.44-1.76)	0.97 (0.83-1.14)
Hispanic	7,671	7,757	98.9	0.54 (0.43-0.68)	1.07 (0.76-1.51)	0.32 (0.17-0.59)	0.72 (0.60-0.86)

Asian/Pacific Islander	1,720	1,747	98.5	0.39 (0.26-0.57)	0.59 (0.35-0.99)	0.26 (0.06-1.16)	0.88 (0.77-1.01)
Native American	753	767	98.2	0.33 (0.19-0.56)	0.92 (0.39-2.18)	0.01 (0.00-0.05)	0.68 (0.58-0.79)
AMI5: Beta-blocker at discharge							
Caucasian	298,954	304,013	98.3	ref.	ref.	ref.	ref.
African-American	39,112	40,008	97.8	0.74 (0.69-0.79)	0.95 (0.87-1.03)	0.60 (0.41-0.87)	0.89 (0.81-0.97)
Hispanic	27,331	28,382	96.3	0.44 (0.41-0.47)	1.06 (0.95-1.19)	0.31 (0.22-0.44)	0.72 (0.65-0.79)
Asian/Pacific Islander	7,602	7,738	98.2	0.95 (0.80-1.12)	1.08 (0.89-1.32)	2.37 (0.92-6.08)	1.08 (0.99-1.18)
Native American	1,841	1,882	97.8	0.76 (0.56-1.04)	1.20 (0.81-1.78)	0.06 (0.02-0.22)	0.80 (0.72-0.89)
AMI7A: Fibrinolytic within 30 minutes							
Caucasian	651	1,169	55.7	ref.	ref.	ref.	ref.
African-American	73	157	46.5	0.69 (0.50-0.97)	0.78 (0.52-1.17)	0.61 (0.27-1.41)	0.89 (0.74-1.08)
Hispanic	190	417	45.6	0.67 (0.53-0.83)	0.92 (0.61-1.39)	0.58 (0.36-0.91)	0.85 (0.75-0.97)
Asian/Pacific Islander	36	61	59.0	1.15 (0.68-1.93)	1.16 (0.62-2.17)	1.22 (0.20-7.31)	1.02 (0.87-1.20)
Native American	1	3	33.3	0.40 (0.04-4.40)	0.67 (0.04-11.74)	0.01 (0.00-14.42)	0.69 (0.39-1.24)
AMI8A: PCI within 90 minutes							
Caucasian	38,044	43,171	88.1	ref.	ref.	ref.	ref.
African-American	3,448	4,234	81.4	0.59 (0.54-0.64)	0.65 (0.59-0.71)	0.27 (0.19-0.40)	0.74 (0.68-0.81)
Hispanic	3,297	3,936	83.8	0.70 (0.64-0.76)	0.84 (0.75-0.94)	0.29 (0.20-0.43)	0.70 (0.62-0.78)
Asian/Pacific Islander	1,079	1,237	87.2	0.92 (0.78-1.09)	1.10 (0.90-1.33)	0.43 (0.17-1.07)	0.93 (0.85-1.01)
Native American	160	189	84.7	0.74 (0.50-1.11)	0.90 (0.59-1.38)	0.07 (0.00-1.25)	0.81 (0.64-1.02)
HF1: Discharge instructions							
Caucasian	357,746	414,742	86.3	ref.	ref.	ref.	ref.
African-American	124,070	143,689	86.3	1.01 (0.99-1.03)	1.02 (0.99-1.04)	1.46 (1.10-1.95)	1.09 (1.02-1.17)
Hispanic	44,786	51,690	86.6	1.03 (1.01-1.06)	0.97 (0.93-1.01)	1.74 (1.28-2.36)	1.17 (1.07-1.28)
Asian/Pacific Islander	9,895	11,375	87.0	1.07 (1.01-1.13)	0.95 (0.88-1.01)	2.06 (0.96-4.46)	1.07 (1.00-1.14)
Native American	2,351	3,083	76.3	0.51 (0.47-0.56)	1.10 (0.97-1.25)	0.07 (0.04-0.12)	0.81 (0.77-0.85)
HF2: Evaluation of LV function							
Caucasian	521,142	535,940	97.2	ref.	ref.	ref.	ref.
African-American	159,661	163,219	97.8	1.27 (1.23-1.32)	1.06 (1.01-1.11)	4.11 (2.78-6.09)	1.38 (1.26-1.52)
Hispanic	55,388	57,714	96.0	0.68 (0.65-0.71)	0.93 (0.86-1.01)	0.84 (0.56-1.27)	0.95 (0.85-1.07)
Asian/Pacific Islander	12,720	13,004	97.8	1.27 (1.13-1.43)	1.04 (0.89-1.21)	9.18 (3.11-27.08)	1.22 (1.11-1.35)
Native American	3,201	3,416	93.7	0.42 (0.37-0.49)	1.03 (0.81-1.32)	0.07 (0.03-0.14)	0.81 (0.76-0.86)
HF3: ACEI or ARB for LVSD							
Caucasian	145,067	155,808	93.1	ref.	ref.	ref.	ref.

African-American	66,217	69,597	95.1	1.45 (1.39-1.51)	1.52 (1.45-1.60)	1.38 (1.07-1.77)	1.08 (1.02-1.14)
Hispanic	18,769	20,068	93.5	1.07 (1.01-1.14)	1.23 (1.13-1.33)	1.24 (0.95-1.62)	1.06 (0.98-1.15)
Asian/Pacific Islander	3,777	3,962	95.3	1.51 (1.30-1.75)	1.40 (1.17-1.66)	2.42 (1.22-4.83)	1.08 (1.02-1.15)
Native American	1,173	1,278	91.8	0.83 (0.68-1.01)	1.18 (0.90-1.55)	0.24 (0.13-0.45)	0.89 (0.85-0.94)
HF4: Smoking cessation counseling							
Caucasian	76,177	77,858	97.8	ref.	ref.	ref.	ref.
African-American	44,071	44,760	98.5	1.41 (1.29-1.54)	1.29 (1.14-1.47)	3.46 (2.16-5.54)	1.33 (1.19-1.48)
Hispanic	7,273	7,423	98.0	1.07 (0.90-1.27)	1.07 (0.85-1.36)	1.11 (0.66-1.89)	1.03 (0.89-1.20)
Asian/Pacific Islander	1,375	1,413	97.3	0.80 (0.58-1.11)	0.77 (0.50-1.20)	1.83 (0.50-6.67)	1.06 (0.94-1.19)
Native American	692	732	94.5	0.38 (0.28-0.53)	0.82 (0.46-1.43)	0.04 (0.01-0.10)	0.77 (0.71-0.83)
PN2: Pneumococcal vaccination given or screened for							
Caucasian	378,259	408,034	92.7	ref.	ref.	ref.	ref.
African-American	34,705	39,186	88.6	0.61 (0.59-0.63)	0.72 (0.69-0.75)	0.48 (0.37-0.62)	0.84 (0.79-0.90)
Hispanic	24,135	28,528	84.6	0.43 (0.42-0.45)	0.75 (0.71-0.79)	0.25 (0.19-0.33)	0.67 (0.62-0.73)
Asian/Pacific Islander	8,804	9,900	88.9	0.63 (0.59-0.67)	0.70 (0.65-0.77)	0.91 (0.45-1.82)	0.99 (0.93-1.06)
Native American	2,310	2,640	87.5	0.55 (0.49-0.62)	0.91 (0.76-1.09)	0.29 (0.18-0.49)	0.91 (0.87-0.94)
PN3A: Initial blood culture within 24 hours - ICU only							
Caucasian	78,108	82,387	94.8	ref.	ref.	ref.	ref.
African-American	12,551	13,078	96.0	1.30 (1.19-1.43)	1.12 (1.00-1.25)	2.53 (1.84-3.49)	1.24 (1.15-1.33)
Hispanic	7,338	7,863	93.3	0.77 (0.70-0.84)	1.09 (0.95-1.26)	0.70 (0.51-0.96)	0.90 (0.82-0.99)
Asian/Pacific Islander	2,199	2,271	96.8	1.67 (1.32-2.12)	1.17 (0.90-1.52)	16.33 (6.12-43.59)	1.29 (1.18-1.40)
Native American	776	846	91.7	0.61 (0.47-0.78)	1.37 (0.90-2.09)	0.28 (0.14-0.56)	0.90 (0.86-0.95)
PN3B: Initial blood culture before first antibiotic dose - ED only							
Caucasian	361,802	380,083	95.2	ref.	ref.	ref.	ref.
African-American	56,541	60,416	93.6	0.74 (0.71-0.76)	0.87 (0.83-0.90)	0.64 (0.52-0.77)	0.90 (0.86-0.94)
Hispanic	34,169	37,132	92.0	0.58 (0.56-0.61)	0.90 (0.85-0.95)	0.33 (0.27-0.40)	0.73 (0.69-0.77)
Asian/Pacific Islander	9,388	9,889	94.9	0.95 (0.86-1.04)	1.05 (0.94-1.16)	1.50 (0.89-2.51)	1.04 (0.99-1.09)
Native American	3,058	3,402	89.9	0.45 (0.40-0.50)	1.00 (0.83-1.21)	0.19 (0.13-0.27)	0.88 (0.85-0.90)
PN4: Smoking cessation counseling							
Caucasian	153,759	158,876	96.8	ref.	ref.	ref.	ref.
African-American	30,859	31,710	97.3	1.21 (1.12-1.30)	1.03 (0.93-1.13)	4.02 (2.65-6.12)	1.38 (1.25-1.52)
Hispanic	9,885	10,230	96.6	0.95 (0.85-1.07)	0.97 (0.83-1.12)	1.20 (0.76-1.90)	1.05 (0.92-1.21)
Asian/Pacific Islander	1,689	1,759	96.0	0.80 (0.63-1.02)	0.92 (0.67-1.26)	1.66 (0.53-5.16)	1.05 (0.94-1.16)
Native American	1,722	1,940	88.8	0.26 (0.23-0.30)	0.74 (0.57-0.96)	0.03 (0.01-0.06)	0.75 (0.71-0.80)

PN5C: First antibiotic dose within 6 hours							
Caucasian	402,180	421,893	95.3	ref.	ref.	ref.	ref.
African-American	60,989	66,036	92.4	0.59 (0.57-0.61)	0.80 (0.77-0.83)	0.31 (0.26-0.37)	0.77 (0.74-0.80)
Hispanic	35,145	39,094	89.9	0.44 (0.42-0.45)	0.91 (0.86-0.96)	0.18 (0.15-0.21)	0.61 (0.58-0.64)
Asian/Pacific Islander	9,399	9,865	95.3	0.99 (0.90-1.09)	1.05 (0.94-1.17)	1.55 (0.97-2.50)	1.04 (1.00-1.09)
Native American	3,430	3,752	91.4	0.52 (0.47-0.59)	1.12 (0.92-1.35)	0.20 (0.14-0.28)	0.88 (0.86-0.90)
PN6: Antibiotic selection consistent with guidelines							
Caucasian	254,116	279,291	91.0	ref.	ref.	ref.	ref.
African-American	35,023	38,201	91.7	1.09 (1.05-1.13)	1.24 (1.19-1.30)	0.94 (0.80-1.11)	0.99 (0.95-1.02)
Hispanic	25,350	28,361	89.4	0.83 (0.80-0.87)	1.18 (1.11-1.25)	0.60 (0.51-0.71)	0.86 (0.82-0.90)
Asian/Pacific Islander	6,093	6,689	91.1	1.01 (0.93-1.10)	1.00 (0.91-1.11)	1.18 (0.77-1.82)	1.02 (0.98-1.05)
Native American	2,570	2,922	88.0	0.72 (0.65-0.81)	1.06 (0.89-1.26)	0.51 (0.37-0.70)	0.95 (0.92-0.97)
PN7: Influenza vaccination given or screened for							
Caucasian	266,920	293,208	91.0	ref.	ref.	ref.	ref.
African-American	31,910	37,007	86.2	0.62 (0.60-0.64)	0.72 (0.69-0.75)	0.43 (0.34-0.55)	0.82 (0.78-0.87)
Hispanic	18,854	22,505	83.8	0.51 (0.49-0.53)	0.78 (0.73-0.82)	0.27 (0.21-0.34)	0.68 (0.64-0.73)
Asian/Pacific Islander	5,702	6,539	87.2	0.67 (0.62-0.72)	0.81 (0.74-0.89)	0.70 (0.37-1.32)	0.97 (0.92-1.03)
Native American	1,927	2,405	80.1	0.40 (0.36-0.44)	0.96 (0.81-1.14)	0.12 (0.08-0.19)	0.85 (0.82-0.88)
SCIP1: Antibiotic within 1 hour before incision or 2 hours for vancomycin or quinolone							
Caucasian	827,536	860,067	96.2	ref.	ref.	ref.	ref.
African-American	95,484	99,527	95.9	0.93 (0.90-0.96)	0.97 (0.93-1.01)	0.99 (0.78-1.25)	1.00 (0.95-1.05)
Hispanic	60,439	64,806	93.3	0.54 (0.53-0.56)	1.01 (0.96-1.07)	0.31 (0.25-0.39)	0.71 (0.67-0.76)
Asian/Pacific Islander	14,743	15,282	96.5	1.08 (0.99-1.17)	0.99 (0.90-1.10)	2.31 (1.24-4.31)	1.08 (1.02-1.14)
Native American	4,037	4,325	93.3	0.55 (0.49-0.62)	0.87 (0.74-1.03)	0.16 (0.09-0.29)	0.86 (0.83-0.91)
SCIP2: Prophylactic antibiotic consistent with guidelines							
Caucasian	848,411	868,974	97.6	ref.	ref.	ref.	ref.
African-American	97,576	100,464	97.1	0.82 (0.79-0.85)	0.96 (0.91-1.00)	0.55 (0.44-0.68)	0.87 (0.83-0.91)
Hispanic	62,778	64,991	96.6	0.69 (0.66-0.72)	1.03 (0.97-1.10)	0.43 (0.35-0.54)	0.79 (0.74-0.83)
Asian/Pacific Islander	15,171	15,547	97.6	0.98 (0.88-1.08)	1.10 (0.98-1.24)	0.98 (0.56-1.72)	1.00 (0.95-1.05)
Native American	4,230	4,360	97.0	0.79 (0.66-0.94)	0.97 (0.78-1.20)	0.32 (0.18-0.57)	0.91 (0.87-0.96)
SCIP3: Prophylactic ABX discontinued within 24 h. of surgery end time or 24 h. for cardiac surgery							
Caucasian	766,551	819,715	93.5	ref.	ref.	ref.	ref.
African-American	87,315	94,468	92.4	0.85 (0.83-0.87)	0.96 (0.93-0.99)	0.55 (0.46-0.67)	0.87 (0.83-0.91)
Hispanic	54,461	61,420	88.7	0.54 (0.53-0.56)	1.03 (0.99-1.07)	0.36 (0.30-0.44)	0.75 (0.71-0.79)

Asian/Pacific Islander	13,218	14,358	92.1	0.80 (0.76-0.85)	1.04 (0.97-1.12)	0.56 (0.34-0.93)	0.95 (0.91-0.99)
Native American	3,812	4,103	92.9	0.91 (0.81-1.02)	0.96 (0.84-1.11)	0.63 (0.36-1.10)	0.96 (0.92-1.01)
SCIP4: Controlled 6 AM postoperative serum glucose - cardiac surgery							
Caucasian	134,822	144,908	93.0	ref.	ref.	ref.	ref.
African-American	10,742	11,722	91.6	0.82 (0.77-0.88)	0.91 (0.85-0.98)	0.53 (0.38-0.74)	0.86 (0.80-0.93)
Hispanic	11,031	12,520	88.1	0.55 (0.52-0.59)	0.74 (0.68-0.81)	0.40 (0.29-0.56)	0.77 (0.70-0.84)
Asian/Pacific Islander	3,437	3,773	91.1	0.77 (0.68-0.86)	0.86 (0.75-0.98)	0.50 (0.23-1.08)	0.94 (0.88-1.01)
Native American	706	766	92.2	0.88 (0.68-1.15)	0.75 (0.56-1.00)	2.86 (0.23-35.20)	1.09 (0.89-1.33)
SCIP6: appropriate hair removal							
Caucasian	1,222,603	1,232,305	99.2	ref.	ref.	ref.	ref.
African-American	149,984	151,395	99.1	0.84 (0.80-0.89)	1.03 (0.96-1.10)	0.86 (0.55-1.35)	0.97 (0.87-1.07)
Hispanic	95,326	97,273	98.0	0.39 (0.37-0.41)	0.92 (0.84-1.00)	0.18 (0.12-0.28)	0.61 (0.54-0.69)
Asian/Pacific Islander	23,368	23,575	99.1	0.90 (0.78-1.03)	0.98 (0.84-1.15)	1.40 (0.44-4.53)	1.03 (0.93-1.15)
Native American	6,390	6,543	97.7	0.33 (0.28-0.39)	1.05 (0.78-1.42)	0.07 (0.03-0.20)	0.81 (0.75-0.88)
SCIPCARD2: Perioperative period beta blocker							
Caucasian	327,860	359,462	91.2	ref.	ref.	ref.	ref.
African-American	34,505	38,004	90.8	0.95 (0.92-0.99)	1.01 (0.96-1.05)	0.78 (0.59-1.01)	0.94 (0.89-1.00)
Hispanic	17,805	20,128	88.5	0.74 (0.71-0.77)	0.96 (0.91-1.03)	0.52 (0.39-0.70)	0.83 (0.76-0.90)
Asian/Pacific Islander	5,128	5,770	88.9	0.77 (0.71-0.84)	0.87 (0.79-0.96)	0.98 (0.48-2.02)	1.00 (0.94-1.07)
Native American	1,312	1,493	87.9	0.70 (0.60-0.82)	0.84 (0.70-1.01)	0.24 (0.10-0.54)	0.89 (0.83-0.95)
SCIPVTE1: Recommended VTE prophylaxis ordered during admission							
Caucasian	343,547	367,129	93.6	ref.	ref.	ref.	ref.
African-American	49,075	52,658	93.2	0.94 (0.91-0.98)	0.92 (0.88-0.96)	1.02 (0.79-1.33)	1.01 (0.95-1.07)
Hispanic	27,199	30,224	90.0	0.62 (0.59-0.64)	0.79 (0.75-0.84)	0.38 (0.29-0.50)	0.76 (0.70-0.82)
Asian/Pacific Islander	7,406	8,195	90.4	0.64 (0.60-0.69)	0.78 (0.71-0.86)	0.45 (0.23-0.87)	0.93 (0.88-0.99)
Native American	1,999	2,208	90.5	0.66 (0.57-0.76)	0.98 (0.81-1.19)	0.14 (0.07-0.27)	0.85 (0.81-0.90)
SCIPVTE2: Received VTE prophylaxis within 24 hours prior to or after surgery							
Caucasian	334,443	365,471	91.5	ref.	ref.	ref.	ref.
African-American	47,804	52,220	91.5	1.00 (0.97-1.04)	1.00 (0.96-1.04)	1.02 (0.81-1.28)	1.00 (0.95-1.06)
Hispanic	26,376	29,811	88.5	0.71 (0.69-0.74)	0.85 (0.81-0.90)	0.54 (0.43-0.69)	0.84 (0.78-0.90)
Asian/Pacific Islander	7,241	8,126	89.1	0.76 (0.71-0.81)	0.86 (0.79-0.94)	0.56 (0.31-1.00)	0.95 (0.90-1.00)
Native American	1,942	2,183	89.0	0.75 (0.65-0.86)	1.06 (0.89-1.26)	0.18 (0.10-0.34)	0.87 (0.83-0.92)