

Appendix 1. ICD Codes Used for Secondary Diagnoses

Bleeding-related diagnoses

ICD-9

6262	Excessive or frequent menstruation
6268	Other disorders of menstruation and other abnormal bleeding from female genital tract
6271	Postmenopausal bleeding
6269	Unspecified disorders of menstruation and other abnormal bleeding from female genital tract
6266	Metrorrhagia
6264	Irregular menstrual cycle
6270	Premenopausal menorrhagia
2859	Anemia, unspecified
2800	Iron deficiency anemia secondary to blood loss (chronic)
2851	Acute posthemorrhagic anemia
28529	Anemia of other chronic disease
2858	Other specified anemias
2809	Iron deficiency anemia, unspecified

ICD-10

N939	Abnormal uterine and vaginal bleeding, unspecified
N938	Other specified abnormal uterine and vaginal bleeding
N920	Excessive and frequent menstruation with regular cycle
N921	Excessive and frequent menstruation with irregular cycle
N926	Irregular menstruation, unspecified
N9489	Oth cond assoc w female genital organs and menstrual cycle
N924	Excessive bleeding in the premenopausal period
N949	Unsp cond assoc w female genital organs and menstrual cycle
D509	Iron deficiency anemia, unspecified

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- D500 Iron deficiency anemia secondary to blood loss (chronic)
- D649 Anemia, unspecified
- D6489 Other specified anemias
- D62 Acute posthemorrhagic anemia

Pain-related diagnoses

ICD-9

- 78900 Abdominal pain, unspecified site
- 78909 Abdominal pain, other specified site
- 78903 Abdominal pain, right lower quadrant
- 78904 Abdominal pain, left lower quadrant
- 6253 Dysmenorrhea
- 78907 Abdominal pain, generalized
- 78906 Abdominal pain, epigastric
- 78901 Abdominal pain, right upper quadrant
- 78905 Abdominal pain, periumbilic
- 78969 Abdominal tenderness, other specified site

ICD-10

- R102 Pelvic and perineal pain
- R109 Unspecified abdominal pain
- R1030 Lower abdominal pain, unspecified
- R1031 Right lower quadrant pain
- R1032 Left lower quadrant pain
- R1084 Generalized abdominal pain
- R1013 Epigastric pain
- R1011 Right upper quadrant pain
- R1012 Left upper quadrant pain

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R1033 Periumbilical pain
N946 Dysmenorrhea, unspecified

Comorbidities- Hypertension

ICD-9

4019 Unspecified essential hypertension
7962 Elevated blood pressure reading without diagnosis of hypertension

ICD-10

I10 Essential (primary) hypertension
R030 Elevated blood-pressure reading, w/o diagnosis of htn

Comorbidities- Tobacco use

ICD-9

3051 Tobacco use disorder
V1582 Personal history of tobacco use

ICD-10

Z720 Tobacco use
F17210 Nicotine dependence, cigarettes, uncomplicated
F17200 Nicotine dependence, unspecified, uncomplicated
Z87891 Personal history of nicotine dependence

Comorbidities- Diabetes/hyperglycemia

ICD-9

25000 Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled
V5867 Long-term (current) use of insulin

ICD-10

E119 Type 2 diabetes mellitus without complications
E1165 Type 2 diabetes mellitus with hyperglycemia
Z794 Long term (current) use of insulin

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R739 Hyperglycemia, unspecified

Z7984 Long term (current) use of oral hypoglycemic drugs

ICD, International Classification of Diseases.

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Appendix 2. CPT Codes Used

Chemistry studies

80053	Comprehensive Metabolic Panel
80048	Basic Metabolic Panel (Calcium, Total) - Organ/Disease Oriented Panels
80076	Organ/Disease Oriented Panels - Liver Function
82565	Blood Creatinine Chemistry Procedure
84075	Alkaline Phosphatase Chemistry Procedures
82947	Fasting Glucose - Chemistry Procedures
83735	Magnesium Chemistry Procedures
84155	Protein, Total; Serum, Plasma, or Whole Blood; Chemistry Procedures
80047	Basic Metabolic Panel (Calcium, Ionized) - Organ/Disease Oriented Panel
84520	Urea Nitrogen Chemistry Procedure
84132	Potassium Chemistry Procedure
82247	Bilirubin, Total Chemistry Procedures
82948	Glucose; Blood, Reagent Strip Chemistry Procedures
82150	Amylase Chemistry Procedure
82435	Chloride Chemistry Procedure
82962	Blood Glucose Chemistry Procedures
82040	Albumin Chemistry Procedures
84295	Sodium Chemistry Procedure
82248	Bilirubin, Direct Chemistry Procedures
82310	Calcium, Total Chemistry Procedures
82374	Carbon Dioxide Chemistry Procedure
80051	Organ/Disease Oriented Panels - Electrolyte Panel
84100	Phosphorus Inorganic (Phosphate) Chemistry Procedures
84450	Aspartate Aminotransferase (AST) Chemistry Procedures

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- 82977 Gamma Glutamyl Transferase Chemistry Procedures
- 84460 Alanine Aminotransferase (ALT) Chemistry Procedures
- 82330 Calcium, Ionized Chemistry Procedures
- 83690 Lipase Chemistry Procedure

Hematologic studies

- 85025 Hematology & Coagulation Procedures - Complete Blood Count & automated differential WBC Count
- 85027 Complete Blood Count
- 85018 Hematology & Coagulation Procedures - Blood Count; Hemoglobin
- 85008 Hematology & Coagulation Procedures - Blood Count; Blood Smear, Microscopic Exam w/out Manual Differential WBC Count
- 85014 Hematology & Coagulation Procedures - Blood Count; Hematocrit
- 85610 Hematology & Coagulation Procedures - PT test
- 85730 Hematology & Coagulation Procedures - PTT test
- 85007 Hematology & Coagulation Procedures - Microscopic Blood Smear w/ WBC Differential
- 85379 Hematology & Coagulation Procedures - Fibrin Degradation Products; D-Dimer; Quantitative

Pelvic/abdominal ultrasound

- 76830 Diagnostic Ultrasound Procedures of Pelvis Non-Ob
- 76856 Diagnostic Ultrasound Procedures of Pelvis Non-Ob; Complete
- 76775 Diagnostic Ultrasound Procedures of Abdomen & Retroperitoneum; US Retroperitoneal, Real Time w/ Image Documentation
- 76817 Diagnostic Ultrasound Procedures of Pelvis Ob
- 76857 Diagnostic Ultrasound Procedures of Pelvis Non-Ob; Limited
- 76705 Diagnostic Ultrasound Procedures of Abdomen & Retroperitoneum; Limited
- 76700 Diagnostic Ultrasound Procedures of Abdomen & Retroperitoneum; Real Time w/ Image Doc; Complete

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- 76801 Diagnostic Ultrasound Procedures of Pelvis Ob; real time w/ image documentation, fetal & maternal eval, first trimester, transabdominal
- 93975 Duplex scan of arterial inflow/venous outflow of abdominal, pelvic, or retroperitoneal organs; complete study
- 76770 Diagnostic Ultrasound Procedures of Abdomen & Retroperitoneum; Real time US of Retroperitoneum
- 93976 Duplex scan of arterial inflow/venous outflow of abdominal, pelvic, or retroperitoneal organs; limited study
- 76805 Diagnostic Ultrasound Procedures of Pelvis Ob; real time w/ image documentation, fetal & maternal eval, after first trimester, transabdominal

Urinalysis/Urine culture

- 81000 Urinalysis
- 81001 Urinalysis
- 81002 Urinalysis
- 81003 Urinalysis
- 81015 Urinalysis
- 87086 Microbiology Procedures - Urine Culture for UTI
- 87088 Microbiology Procedures - Urine Culture for UTI

STI/vaginitis screen

- 87800 Microbiology Procedures - Combined Chlamydia & Gonorrhea Testing
- 87490 Microbiology Procedures - Chlamydia Screen
- 87491 Microbiology Procedures - Chlamydia Diagnosis
- 87591 Microbiology Procedures - Neisseria Diagnosis
- Q0111 Miscellaneous Drugs & Tests - Wet Mounts, Including Preparations of Vaginal, Cervical, or Skin Specimens
- 86631 Qualitative or Semiquantitative Immunoassays - Antibody to Chlamydia

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- 87810 Microbiology Procedures - Chlamydia Trachomatis Antigen Detection by Immunoassay w/ Direct Optical Observation
- 87210 Microbiology Procedures - Smear/Wet Mount
- 86703 Qualitative or Semiquantitative Immunoassays - HIV 1/2 Antibody Screening Blood Testing
- 87480 Microbiology Procedures - Candida
- 87590 Microbiology Procedures - Neisseria Diagnosis
- 87389 Microbiology Procedures - HIV Antigen/Antibody Combination
- 87510 Microbiology Procedures - Gardnerella
- 87660 Microbiology Procedures - Trichomonas Vaginalis

Therapeutic, Prophylactic, & Diagnostic Injections & Infusions

- 96375 Therapeutic, Prophylactic, & Diagnostic Injections & Infusions
- 96374 Therapeutic, Prophylactic, & Diagnostic Injections & Infusions
- 96367 Therapeutic, Prophylactic, & Diagnostic Injections & Infusions
- 96366 Therapeutic, Prophylactic, & Diagnostic Injections & Infusions
- 96372 Therapeutic, Prophylactic, & Diagnostic Injections & Infusions
- 96376 Therapeutic, Prophylactic, & Diagnostic Injections & Infusions
- 96365 Therapeutic, Prophylactic, & Diagnostic Injections & Infusions
- 90772 Therapeutic, Prophylactic, & Diagnostic Injections & Infusions
- 90776 Therapeutic, Prophylactic, & Diagnostic Injections & Infusions
- 90765 Therapeutic, Prophylactic, & Diagnostic Injections & Infusions
- 90775 Therapeutic, Prophylactic, & Diagnostic Injections & Infusions
- 90774 Therapeutic, Prophylactic, & Diagnostic Injections & Infusions

Pregnancy test

- 81025 Urinalysis/Urine Pregnancy Test
- 84703 b-hCG Chemistry Procedures
- 84702 hCG Chemistry Procedure

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CT abdomen/pelvis

74177	Diagnostic Radiology of Abdomen - CT Abdomen & Pelvis w/ Contrast
74176	Diagnostic Radiology of Abdomen - CT Abdomen & Pelvis
72193	Diagnostic Radiology of Spine & Pelvis - CT, Pelvis w/ Contrast Material
74160	Diagnostic Radiology of Abdomen - CT Abdomen w/ Contrast Material
74150	Diagnostic Radiology of Abdomen - CT Abdomen w/out Contrast
72192	Diagnostic Radiology of Spine & Pelvis - CT, Pelvis w/out Contrast
74178	Diagnostic Radiology (Imaging) Procedures of Abdomen; CT Abdomen & Pelvis w/out Contrast Followed by Contrast
74170	Diagnostic Radiology (Imaging) Procedures of Abdomen; CT w/out contrast, followed by contrast

Blood typing

86900	Transfusion Medicine Procedures - Blood Typing for ABO
86901	Transfusion Medicine Procedures - Blood Typing for Rh (D) antigen
86850	Transfusion Medicine Procedures - RBC Antibody Screen
86885	Transfusion Medicine Procedures - Antihuman Globulin Test (Coombs), Indirect
86923	Transfusion Medicine Procedures - Compatibility Test Each Unit
86880	Transfusion Medicine Procedures - Antihuman Globulin Test (Coombs), Direct
86920	Transfusion Medicine Procedures - Compatibility Testing
86922	Transfusion Medicine Procedures - Compatibility Test Each Unit; Antiglobulin Technique
86870	Transfusion Medicine Procedures - RBC Antibody ID

IV hydration

96361	Hydration Infusion
J7050	Drugs, Administered by Injection - Infusion, Normal Saline
96360	Hydration Infusion
J7030	Normal Saline Infusion
J7040	Drugs, Administered by Injection - Infusion, Normal Saline, Sterile

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J7120	Drugs, Administered by Injection - Ringers Lactate Infusion
90760	IV Infusion for Hydration; initial, 31min-1hr
90761	IV Infusion for Hydration
90760	IV Infusion for Hydration

CPT, Current Procedural Terminology; CT, computerized tomography; IV, intravenous; STI, sexually transmitted infection.

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