

National Coverage Determination
Procedure Code: 87086, 87088
Urine Culture, Bacterial
CMS Policy Number: 190.12
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Description: A bacterial urine culture is a laboratory procedure performed on a urine specimen to establish the probable etiology of a presumed urinary tract infection. It is common practice to do a urinalysis prior to a urine culture. A urine culture may also be used as part of the evaluation and management of another related condition. The procedure includes aerobic agar-based isolation of bacteria or other cultivable organisms present, and quantitation of types present based on morphologic criteria. Isolates deemed significant may be subjected to additional identification and susceptibility procedures as requested by the ordering physician. The physician's request may be through clearly documented and communicated laboratory protocols.

Indications:

1. A patient's urinalysis is abnormal suggesting urinary tract infection, for example, abnormal microscopic (hematuria, pyuria, bacteriuria); abnormal biochemical urinalysis (positive leukocyte esterase, nitrite, protein, blood); a Gram's stain positive for microorganisms; positive bacteriuria screen by a non-culture technique; or other significant abnormality of a urinalysis. While it is not essential to evaluate a urine specimen by one of these methods before a urine culture is performed, certain clinical presentations with highly suggestive signs and symptoms may lend themselves to an antecedent urinalysis procedure where follow-up culture depends upon an initial positive or abnormal test result.
2. A patient has clinical signs and symptoms indicative of a possible urinary tract infection (UTI). Acute lower UTI may present with urgency, frequency, nocturia, dysuria, discharge or incontinence. These findings may also be noted in upper UTI with additional systemic symptoms (for example, fever, chills, lethargy); or pain in the costovertebral, abdominal, or pelvic areas. Signs and symptoms may overlap considerably with other inflammatory conditions of the genitourinary tract (for example, prostatitis, urethritis, vaginitis, or cervicitis). Elderly or immunocompromised patients, or patients with neurologic disorders may present atypically (for example, general debility, acute mental status changes, declining functional status).

3. The patient is being evaluated for suspected urosepsis, fever of unknown origin, or other systemic manifestations of infection but without a known source. Signs and symptoms used to define sepsis have been well established.

4. A test-of cure is generally not indicated in an uncomplicated infection. However, it may be indicated if the patient is being evaluated for response to therapy and there is a complicating co-existing urinary abnormality including structural or functional abnormalities, calculi, foreign bodies, or ureteral/renal stents or there is clinical or laboratory evidence of failure to respond as described in Indications 1 and 2.

5. In surgical procedures involving major manipulations of the genitourinary tract, preoperative examination to detect occult infection may be indicated in selected cases (for example, prior to renal transplantation, manipulation or removal of kidney stones, or transurethral surgery of the bladder or prostate).

6. Urine culture may be indicated to detect occult infection in renal transplant recipients on immunosuppressive therapy.

Limitations:

1. CPT 87086 may be used one time per encounter.

2. Colony count restrictions on coverage of CPT 87088 do not apply as they may be highly variable according to syndrome or other clinical circumstances (for example, antecedent therapy, collection time, and degree of hydration).

3. CPT 87088, 87184, and 87186 may be used multiple times in association with or independent of 87086, as urinary tract infections may be polymicrobial.

4. Testing for asymptomatic bacteriuria as part of a prenatal evaluation may be medically appropriate but is considered screening and therefore not covered by Medicare. The U.S. Preventive Services Task Force has concluded that screening for asymptomatic bacteriuria outside of the narrow indication for pregnant women is generally not indicated. There are insufficient data to recommend screening in ambulatory elderly patients including those with diabetes. Testing may be clinically indicated on other grounds including likelihood of recurrence or potential adverse effects of antibiotics, but is considered screening in the absence of clinical or laboratory evidence of infection.

To review all requirements of this policy, please see: [CMS NCD listing by Chapter](#)

Covered ICD-10 Codes.

ICD-10	Descriptor
A02.1	Salmonella sepsis
A18.14	Tuberculosis of prostate
A34	Obstetrical tetanus
A40.0	Sepsis due to streptococcus, group A
A40.1	Sepsis due to streptococcus, group B
A40.3	Sepsis due to Streptococcus pneumoniae
A40.8	Other streptococcal sepsis
A40.9	Streptococcal sepsis, unspecified
A41.01	Sepsis due to Methicillin susceptible Staphylococcus aureus
A41.02	Sepsis due to Methicillin resistant Staphylococcus aureus
A41.1	Sepsis due to other specified staphylococcus
A41.2	Sepsis due to unspecified staphylococcus
A41.3	Sepsis due to Hemophilus influenzae
A41.4	Sepsis due to anaerobes
A41.50	Gram-negative sepsis, unspecified
A41.51	Sepsis due to Escherichia coli [E. coli]
A41.52	Sepsis due to Pseudomonas
A41.53	Sepsis due to Serratia
A41.59	Other Gram-negative sepsis
A41.81	Sepsis due to Enterococcus
A41.89	Other specified sepsis
A41.9	Sepsis, unspecified organism
A42.7	Actinomycotic sepsis
A56.01	Chlamydial cystitis and urethritis
A56.02	Chlamydial vulvovaginitis
A56.11	Chlamydial female pelvic inflammatory disease
D65	Disseminated intravascular coagulation
D70.0	Congenital agranulocytosis
D70.1	Agranulocytosis secondary to cancer chemotherapy
D70.2	Other drug-induced agranulocytosis
D70.3	Neutropenia due to infection
D70.4	Cyclic neutropenia
D70.8	Other neutropenia
D70.9	Neutropenia, unspecified
D72.89	Other specified disorders of white blood cells
E09.21	Drug/chem diabetes mellitus w diabetic nephropathy
E09.22	Drug/chem diabetes w diabetic chronic kidney disease
E09.29	Drug/chem diabetes w oth diabetic kidney complication

E11.10	Type 2 diabetes mellitus with ketoacidosis without coma
E11.11	Type 2 diabetes mellitus with ketoacidosis with coma
E87.2	Acidosis
E87.4	Mixed disorder of acid-base balance
F45.8	Other somatoform disorders
G93.3	Postviral fatigue syndrome
I50.814	Right heart failure due to left heart failure
I50.82	Biventricular heart failure
I50.84	End stage heart failure
I50.89	Other heart failure
J80	Acute respiratory distress syndrome
K72.00	Acute and subacute hepatic failure without coma
K72.01	Acute and subacute hepatic failure with coma
K76.2	Central hemorrhagic necrosis of liver
M04.1	Periodic fever syndromes
M32.14	Glomerular disease in systemic lupus erythematosus
M32.15	Tubulo-interstitial neuropath in sys lupus erythematosus
M35.04	Sicca syndrome with tubulo-interstitial nephropathy
M54.89	Other dorsalgia
M54.9	Dorsalgia, unspecified
N00.0	Acute nephritic syndrome with minor glomerular abnormality
N00.1	Acute neph syndrome w focal and segmental glomerular lesions
N00.2	Acute nephritic syndrome w diffuse membranous glomrlneph
N00.3	Acute neph syndrome w diffuse mesangial prolifer glomrlneph
N00.4	Acute neph syndrome w diffuse endocapillary prolifer glomrlneph
N00.5	Acute nephritic syndrome w diffuse mesangiocap glomrlneph
N00.6	Acute nephritic syndrome with dense deposit disease
N00.7	Acute nephritic syndrome w diffuse crescentic glomrlneph
N00.8	Acute nephritic syndrome with other morphologic changes
N00.9	Acute nephritic syndrome with unsp morphologic changes
N01.0	Rapidly progr nephritic syndrome w minor glomerular abnlty
N01.1	Rapidly progr neph synd w focal and seg glomerular lesions
N01.2	Rapidly progr neph syndrome w diffuse membranous glomrlneph
N01.3	Rapidly progr neph synd w diffus mesangial prolifer glomrlneph
N01.4	Rapid progr neph synd w diffus endocapillary prolifer glomrlneph
N01.5	Rapidly progr neph syndrome w diffuse mesangiocap glomrlneph
N01.6	Rapidly progr nephritic syndrome w dense deposit disease
N01.7	Rapidly progr neph syndrome w diffuse crescentic glomrlneph
N01.8	Rapidly progr nephritic syndrome w oth morphologic changes
N01.9	Rapidly progr nephritic syndrome w unsp morphologic changes
N05.0	Unsp nephritic syndrome with minor glomerular abnormality
N05.1	Unsp neph syndrome w focal and segmental glomerular lesions

N05.2	Unsp nephritic syndrome w diffuse membranous glomrlneph
N05.3	Unsp neph syndrome w diffuse mesangial prolif glomrlneph
N05.4	Unsp neph syndrome w diffuse endocaply prolif glomrlneph
N05.5	Unsp nephritic syndrome w diffuse mesangiocap glomrlneph
N05.6	Unspecified nephritic syndrome with dense deposit disease
N05.7	Unsp nephritic syndrome w diffuse crescentic glomrlneph
N05.8	Unsp nephritic syndrome with other morphologic changes
N05.9	Unsp nephritic syndrome with unspecified morphologic changes
N06.0	Isolated proteinuria with minor glomerular abnormality
N06.1	Isolated protein w focal and segmental glomerular lesions
N06.2	Isolated proteinuria w diffuse membranous glomerulonephritis
N06.3	Isolated proteinuria w diffuse mesangial prolif glomrlneph
N06.4	Isolated proteinuria w diffuse endocaply prolif glomrlneph
N06.5	Isolated proteinuria w diffuse mesangiocapillary glomrlneph
N06.6	Isolated proteinuria with dense deposit disease
N06.7	Isolated proteinuria w diffuse crescentic glomerulonephritis
N06.8	Isolated proteinuria with other morphologic lesion
N06.9	Isolated proteinuria with unspecified morphologic lesion
N07.0	Hereditary nephropathy, NEC w minor glomerular abnormality
N07.1	Heredit neuropath, NEC w focal and seg glomerular lesions
N07.2	Hereditary nephropathy, NEC w diffuse membranous glomrlneph
N07.3	Heredit neuropath, NEC w diffuse mesangial prolif glomrlneph
N07.4	Heredit neuropath, NEC w diffus endocaply prolif glomrlneph
N07.5	Hereditary nephropathy, NEC w diffuse mesangiocap glomrlneph
N07.6	Hereditary nephropathy, NEC w dense deposit disease
N07.7	Hereditary nephropathy, NEC w diffuse crescentic glomrlneph
N07.8	Hereditary nephropathy, NEC w oth morphologic lesions
N07.9	Hereditary nephropathy, NEC w unsp morphologic lesions
N08	Glomerular disorders in diseases classified elsewhere
N10	Acute pyelonephritis
N11.0	Nonobstructive reflux-associated chronic pyelonephritis
N11.1	Chronic obstructive pyelonephritis
N11.8	Other chronic tubulo-interstitial nephritis
N11.9	Chronic tubulo-interstitial nephritis, unspecified
N12	Tubulo-interstitial nephritis, not spcf as acute or chronic
N13.0	Hydronephrosis with ureteropelvic junction obstruction
N13.1	Hydronephrosis w ureteral stricture, NEC
N13.2	Hydronephrosis with renal and ureteral calculous obstruction
N13.4	Hydroureter
N13.5	Crossing vessel and stricture of ureter w/o hydronephrosis
N13.6	Pyonephrosis
N13.70	Vesicoureteral-reflux, unspecified

N13.71	Vesicoureteral-reflux without reflux nephropathy
N13.721	Vesicoureter-reflux w reflux neuropath w/o hydrourt, unil
N13.722	Vesicoureter-reflux w reflux neuropath w/o hydrourt, bi
N13.729	Vesicoureter-reflux w reflux nephropathy w/o hydrourt, unsp
N13.731	Vesicoureter-reflux w reflux neuropath w hydrourt, unil
N13.732	Vesicoureter-reflux w reflux neuropath w hydrourt, bilateral
N13.739	Vesicoureter-reflux w reflux nephropathy w hydroureter, unsp
N13.8	Other obstructive and reflux uropathy
N13.9	Obstructive and reflux uropathy, unspecified
N14.0	Analgesic nephropathy
N14.1	Nephropathy induced by oth drug/meds/biol subst
N14.2	Neuropath induced by unsp drug, medicament or biolg sub
N14.3	Nephropathy induced by heavy metals
N14.4	Toxic nephropathy, not elsewhere classified
N15.0	Balkan nephropathy
N15.1	Renal and perinephric abscess
N15.8	Other specified renal tubulo-interstitial diseases
N15.9	Renal tubulo-interstitial disease, unspecified
N16	Renal tubulo-interstitial disord in diseases classd elswhr
N17.1	Acute kidney failure with acute cortical necrosis
N17.2	Acute kidney failure with medullary necrosis
N18.6	End stage renal disease
N20.0	Calculus of kidney
N20.1	Calculus of ureter
N20.2	Calculus of kidney with calculus of ureter
N20.9	Urinary calculus, unspecified
N21.0	Calculus in bladder
N21.1	Calculus in urethra
N21.8	Other lower urinary tract calculus
N21.9	Calculus of lower urinary tract, unspecified
N22	Calculus of urinary tract in diseases classified elsewhere
N23	Unspecified renal colic
N28.0	Ischemia and infarction of kidney
N28.1	Cyst of kidney, acquired
N28.81	Hypertrophy of kidney
N28.82	Megaloureter
N28.83	Nephroptosis
N28.84	Pyelitis cystica
N28.85	Pyeloureteritis cystica
N28.86	Ureteritis cystica
N28.89	Other specified disorders of kidney and ureter
N28.9	Disorder of kidney and ureter, unspecified

N29	Oth disorders of kidney and ureter in diseases classd elswhr
N30.00	Acute cystitis without hematuria
N30.01	Acute cystitis with hematuria
N30.10	Interstitial cystitis (chronic) without hematuria
N30.11	Interstitial cystitis (chronic) with hematuria
N30.20	Other chronic cystitis without hematuria
N30.21	Other chronic cystitis with hematuria
N30.30	Trigonitis without hematuria
N30.31	Trigonitis with hematuria
N30.40	Irradiation cystitis without hematuria
N30.41	Irradiation cystitis with hematuria
N30.80	Other cystitis without hematuria
N30.81	Other cystitis with hematuria
N30.90	Cystitis, unspecified without hematuria
N30.91	Cystitis, unspecified with hematuria
N34.0	Urethral abscess
N34.1	Nonspecific urethritis
N34.2	Other urethritis
N34.3	Urethral syndrome, unspecified
N35.016	Post-traumatic urethral stricture, male, overlapping sites
N35.111	Postinfective urethral stricture, NEC, male, meatal
N35.112	Postinfective bulbous urethral stricture, NEC, male
N35.113	Postinfective membranous urethral stricture, NEC, male
N35.114	Postinfective anterior urethral stricture, NEC, male
N35.116	Postinfective urethral stricture, NEC, male, ovrlp sites
N35.119	Postinfective urethral stricture, NEC, male, unsp
N35.12	Postinfective urethral stricture, NEC, female
N37	Urethral disorders in diseases classified elsewhere
N39.0	Urinary tract infection, site not specified
N39.3	Stress incontinence (female) (male)
N39.41	Urge incontinence
N39.42	Incontinence without sensory awareness
N39.43	Post-void dribbling
N39.44	Nocturnal enuresis
N39.45	Continuous leakage
N39.46	Mixed incontinence
N39.490	Overflow incontinence
N39.491	Coital incontinence
N39.492	Postural (urinary) incontinence
N39.498	Other specified urinary incontinence
N40.0	Benign prostatic hyperplasia without lower urinry tract symp
N40.1	Benign prostatic hyperplasia with lower urinary tract symp

N40.2	Nodular prostate without lower urinary tract symptoms
N40.3	Nodular prostate with lower urinary tract symptoms
N41.0	Acute prostatitis
N41.1	Chronic prostatitis
N41.2	Abscess of prostate
N41.3	Prostatocystitis
N41.4	Granulomatous prostatitis
N41.8	Other inflammatory diseases of prostate
N41.9	Inflammatory disease of prostate, unspecified
N42.0	Calculus of prostate
N42.1	Congestion and hemorrhage of prostate
N42.30	Unspecified dysplasia of prostate
N42.31	Prostatic intraepithelial neoplasia
N42.32	Atypical small acinar proliferation of prostate
N42.39	Other dysplasia of prostate
N42.81	Prostatodynia syndrome
N42.82	Prostatosis syndrome
N42.83	Cyst of prostate
N42.89	Other specified disorders of prostate
N42.9	Disorder of prostate, unspecified
N43.40	Spermatocele of epididymis, unspecified
N43.41	Spermatocele of epididymis, single
N43.42	Spermatocele of epididymis, multiple
N44.00	Torsion of testis, unspecified
N44.01	Extravaginal torsion of spermatic cord
N44.02	Intravaginal torsion of spermatic cord
N44.03	Torsion of appendix testis
N44.04	Torsion of appendix epididymis
N44.1	Cyst of tunica albuginea testis
N44.2	Benign cyst of testis
N44.8	Other noninflammatory disorders of the testis
N45.1	Epididymitis
N45.2	Orchitis
N45.3	Epididymo-orchitis
N45.4	Abscess of epididymis or testis
N49.0	Inflammatory disorders of seminal vesicle
N49.1	Inflam disorders of sperm cord, tunica vaginalis and vas def
N49.2	Inflammatory disorders of scrotum
N49.3	Fournier gangrene
N49.8	Inflammatory disorders of oth male genital organs
N49.9	Inflammatory disorder of unspecified male genital organ
N50.0	Atrophy of testis

N50.1	Vascular disorders of male genital organs
N50.3	Cyst of epididymis
N50.811	Right testicular pain
N50.812	Left testicular pain
N50.819	Testicular pain, unspecified
N50.82	Scrotal pain
N50.89	Other specified disorders of the male genital organs
N50.9	Disorder of male genital organs, unspecified
N51	Disorders of male genital organs in diseases classd elswhr
N53.11	Retarded ejaculation
N53.12	Painful ejaculation
N53.13	Anejaculatory orgasm
N53.14	Retrograde ejaculation
N53.19	Other ejaculatory dysfunction
N53.8	Other male sexual dysfunction
N53.9	Unspecified male sexual dysfunction
N70.01	Acute salpingitis
N70.02	Acute oophoritis
N70.03	Acute salpingitis and oophoritis
N70.11	Chronic salpingitis
N70.12	Chronic oophoritis
N70.13	Chronic salpingitis and oophoritis
N70.91	Salpingitis, unspecified
N70.92	Oophoritis, unspecified
N70.93	Salpingitis and oophoritis, unspecified
N71.0	Acute inflammatory disease of uterus
N71.1	Chronic inflammatory disease of uterus
N71.9	Inflammatory disease of uterus, unspecified
N72	Inflammatory disease of cervix uteri
N73.0	Acute parametritis and pelvic cellulitis
N73.1	Chronic parametritis and pelvic cellulitis
N73.2	Unspecified parametritis and pelvic cellulitis
N73.3	Female acute pelvic peritonitis
N73.4	Female chronic pelvic peritonitis
N73.5	Female pelvic peritonitis, unspecified
N73.6	Female pelvic peritoneal adhesions (postinfective)
N73.8	Other specified female pelvic inflammatory diseases
N73.9	Female pelvic inflammatory disease, unspecified
N74	Female pelvic inflam disorders in diseases classd elswhr
N75.0	Cyst of Bartholin's gland
N75.1	Abscess of Bartholin's gland
N75.8	Other diseases of Bartholin's gland

N75.9	Disease of Bartholin's gland, unspecified
N76.0	Acute vaginitis
N76.1	Subacute and chronic vaginitis
N76.2	Acute vulvitis
N76.3	Subacute and chronic vulvitis
N76.4	Abscess of vulva
N76.5	Ulceration of vagina
N76.6	Ulceration of vulva
N76.81	Mucositis (ulcerative) of vagina and vulva
N76.89	Other specified inflammation of vagina and vulva
N77.0	Ulceration of vulva in diseases classified elsewhere
N77.1	Vaginitis, vulvitis and vulvovaginitis in dis clasd elswhr
N82.0	Vesicovaginal fistula
N82.1	Other female urinary-genital tract fistulae
N82.2	Fistula of vagina to small intestine
N82.3	Fistula of vagina to large intestine
N82.4	Other female intestinal-genital tract fistulae
N82.5	Female genital tract-skin fistulae
N82.8	Other female genital tract fistulae
N82.9	Female genital tract fistula, unspecified
N83.511	Torsion of right ovary and ovarian pedicle
N83.512	Torsion of left ovary and ovarian pedicle
N83.519	Torsion of ovary and ovarian pedicle, unspecified side
N83.521	Torsion of right fallopian tube
N83.522	Torsion of left fallopian tube
N83.529	Torsion of fallopian tube, unspecified side
N99.115	Postprocedural fossa navicularis urethral stricture
N99.116	Postprocedural urethral stricture, male, overlapping sites
N99.523	Herniation of incontinent stoma of urinary tract
N99.524	Stenosis of incontinent stoma of urinary tract
N99.533	Herniation of continent stoma of urinary tract
N99.534	Stenosis of continent stoma of urinary tract
O08.0	Genitl trct and pelvic infct fol ectopic and molar pregnancy
O08.3	Shock following ectopic and molar pregnancy
O08.82	Sepsis following ectopic and molar pregnancy
O12.04	Gestational edema, complicating childbirth
O12.05	Gestational edema, complicating the puerperium
O12.14	Gestational proteinuria, complicating childbirth
O12.15	Gestational proteinuria, complicating the puerperium
O12.24	Gestational edema with proteinuria, complicating childbirth
O12.25	Gestational edema with proteinuria, comp the puerperium
O13.4	Gestatnl htn without significant protein, comp childbirth

O13.5	Gestatl n htn without significant protein, comp the puerp
O14.04	Mild to moderate pre-eclampsia, complicating childbirth
O14.05	Mild to moderate pre-eclampsia, complicating the puerperium
O14.14	Severe pre-eclampsia complicating childbirth
O14.15	Severe pre-eclampsia, complicating the puerperium
O14.24	HELLP syndrome, complicating childbirth
O14.25	HELLP syndrome, complicating the puerperium
O14.94	Unspecified pre-eclampsia, complicating childbirth
O14.95	Unspecified pre-eclampsia, complicating the puerperium
O16.4	Unspecified maternal hypertension, complicating childbirth
O16.5	Unspecified maternal hypertension, comp the puerperium
O23.00	Infections of kidney in pregnancy, unspecified trimester
O23.01	Infections of kidney in pregnancy, first trimester
O23.02	Infections of kidney in pregnancy, second trimester
O23.03	Infections of kidney in pregnancy, third trimester
O23.10	Infections of bladder in pregnancy, unspecified trimester
O23.11	Infections of bladder in pregnancy, first trimester
O23.12	Infections of bladder in pregnancy, second trimester
O23.13	Infections of bladder in pregnancy, third trimester
O23.20	Infections of urethra in pregnancy, unspecified trimester
O23.21	Infections of urethra in pregnancy, first trimester
O23.22	Infections of urethra in pregnancy, second trimester
O23.23	Infections of urethra in pregnancy, third trimester
O23.30	Infections of prt urinary tract in pregnancy, unsp trimester
O23.31	Infect of prt urinary tract in pregnancy, first trimester
O23.32	Infect of prt urinary tract in pregnancy, second trimester
O23.33	Infect of prt urinary tract in pregnancy, third trimester
O23.40	Unsp infection of urinary tract in pregnancy, unsp trimester
O23.41	Unsp infct of urinary tract in pregnancy, first trimester
O23.42	Unsp infct of urinary tract in pregnancy, second trimester
O23.43	Unsp infct of urinary tract in pregnancy, third trimester
O23.511	Infections of cervix in pregnancy, first trimester
O23.512	Infections of cervix in pregnancy, second trimester
O23.513	Infections of cervix in pregnancy, third trimester
O23.519	Infections of cervix in pregnancy, unspecified trimester
O23.521	Salpingo-oophoritis in pregnancy, first trimester
O23.522	Salpingo-oophoritis in pregnancy, second trimester
O23.523	Salpingo-oophoritis in pregnancy, third trimester
O23.529	Salpingo-oophoritis in pregnancy, unspecified trimester
O23.591	Infection oth prt genitl trct in pregnancy, first trimester
O23.592	Infection oth prt genitl trct in pregnancy, second trimester
O23.593	Infection oth prt genitl trct in pregnancy, third trimester

O23.599	Infection oth prt genital tract in pregnancy, unsp trimester
O23.90	Unsp GU tract infection in pregnancy, unsp trimester
O23.91	Unsp GU tract infection in pregnancy, first trimester
O23.92	Unsp GU tract infection in pregnancy, second trimester
O23.93	Unsp GU tract infection in pregnancy, third trimester
O24.415	Gestatnl diabetes in preg, ctrl by oral hypoglycemic drugs
O24.425	Gestatnl diab in chldbrth, ctrl by oral hypoglycemic drugs
O24.435	Gestatnl diabetes in puerp, ctrl by oral hypoglycemic drugs
O33.7XX0	Maternal care for disproprt due to other fetal deform, unsp
O33.7XX1	Matern care for disproprt due to other fetal deform, fts1
O33.7XX2	Matern care for disproprt due to other fetal deform, fts2
O33.7XX3	Matern care for disproprt due to other fetal deform, fts3
O33.7XX4	Matern care for disproprt due to other fetal deform, fts4
O33.7XX5	Matern care for disproprt due to other fetal deform, fts5
O33.7XX9	Maternal care for disproprt due to other fetal deform, oth
O36.8310	Matern care for abnlt fetl hrt rate or rhym, 1st tri, unsp
O36.8311	Matern care for abnlt fetl hrt rate or rhym, 1st tri, fts1
O36.8312	Matern care for abnlt fetl hrt rate or rhym, 1st tri, fts2
O36.8313	Matern care for abnlt fetl hrt rate or rhym, 1st tri, fts3
O36.8314	Matern care for abnlt fetl hrt rate or rhym, 1st tri, fts4
O36.8315	Matern care for abnlt fetl hrt rate or rhym, 1st tri, fts5
O36.8319	Matern care for abnlt of fetl hrt rate or rhym, 1st tri, oth
O36.8320	Matern care for abnlt fetl hrt rate or rhym, 2nd tri, unsp
O36.8321	Matern care for abnlt fetl hrt rate or rhym, 2nd tri, fts1
O36.8322	Matern care for abnlt fetl hrt rate or rhym, 2nd tri, fts2
O36.8323	Matern care for abnlt fetl hrt rate or rhym, 2nd tri, fts3
O36.8324	Matern care for abnlt fetl hrt rate or rhym, 2nd tri, fts4
O36.8325	Matern care for abnlt fetl hrt rate or rhym, 2nd tri, fts5
O36.8329	Matern care for abnlt of fetl hrt rate or rhym, 2nd tri, oth
O36.8330	Matern care for abnlt fetl hrt rate or rhym, 3rd tri, unsp
O36.8331	Matern care for abnlt fetl hrt rate or rhym, 3rd tri, fts1
O36.8332	Matern care for abnlt fetl hrt rate or rhym, 3rd tri, fts2
O36.8333	Matern care for abnlt fetl hrt rate or rhym, 3rd tri, fts3
O36.8334	Matern care for abnlt fetl hrt rate or rhym, 3rd tri, fts4
O36.8335	Matern care for abnlt fetl hrt rate or rhym, 3rd tri, fts5
O36.8339	Matern care for abnlt of fetl hrt rate or rhym, 3rd tri, oth
O36.8390	Matern care for abnlt fetl hrt rate or rhym, unsp tri, unsp
O36.8391	Matern care for abnlt fetl hrt rate or rhym, unsp tri, fts1
O36.8392	Matern care for abnlt fetl hrt rate or rhym, unsp tri, fts2
O36.8393	Matern care for abnlt fetl hrt rate or rhym, unsp tri, fts3
O36.8394	Matern care for abnlt fetl hrt rate or rhym, unsp tri, fts4
O36.8395	Matern care for abnlt fetl hrt rate or rhym, unsp tri, fts5

O36.8399	Matern care for abnlt fetl hrt rate or rhym, unsp tri, oth
O44.20	Partial placenta previa NOS or without hemor, unsp trimester
O44.21	Partial placenta previa NOS or without hemor, first tri
O44.22	Partial placenta previa NOS or without hemor, second tri
O44.23	Partial placenta previa NOS or without hemor, third tri
O44.30	Partial placenta previa with hemorrhage, unsp trimester
O44.31	Partial placenta previa with hemorrhage, first trimester
O44.32	Partial placenta previa with hemorrhage, second trimester
O44.33	Partial placenta previa with hemorrhage, third trimester
O44.40	Low lying placenta NOS or without hemorrhage, unsp trimester
O44.41	Low lying placenta NOS or without hemor, first trimester
O44.42	Low lying placenta NOS or without hemor, second trimester
O44.43	Low lying placenta NOS or without hemor, third trimester
O44.50	Low lying placenta with hemorrhage, unspecified trimester
O44.51	Low lying placenta with hemorrhage, first trimester
O44.52	Low lying placenta with hemorrhage, second trimester
O44.53	Low lying placenta with hemorrhage, third trimester
O85	Puerperal sepsis
O86.11	Cervicitis following delivery
O86.12	Endometritis following delivery
O86.13	Vaginitis following delivery
O86.19	Other infection of genital tract following delivery
O86.20	Urinary tract infection following delivery, unspecified
O86.21	Infection of kidney following delivery
O86.22	Infection of bladder following delivery
O86.29	Other urinary tract infection following delivery
O86.4	Pyrexia of unknown origin following delivery
O86.81	Puerperal septic thrombophlebitis
O86.89	Other specified puerperal infections
P36.0	Sepsis of newborn due to streptococcus, group B
P36.10	Sepsis of newborn due to unspecified streptococci
P36.19	Sepsis of newborn due to other streptococci
P36.2	Sepsis of newborn due to Staphylococcus aureus
P36.30	Sepsis of newborn due to unspecified staphylococci
P36.39	Sepsis of newborn due to other staphylococci
P36.4	Sepsis of newborn due to Escherichia coli
P36.5	Sepsis of newborn due to anaerobes
P36.8	Other bacterial sepsis of newborn
P36.9	Bacterial sepsis of newborn, unspecified
P39.3	Neonatal urinary tract infection
R00.0	Tachycardia, unspecified
R10.0	Acute abdomen

R10.10	Upper abdominal pain, unspecified
R10.11	Right upper quadrant pain
R10.12	Left upper quadrant pain
R10.13	Epigastric pain
R10.2	Pelvic and perineal pain
R10.30	Lower abdominal pain, unspecified
R10.31	Right lower quadrant pain
R10.32	Left lower quadrant pain
R10.33	Periumbilical pain
R10.811	Right upper quadrant abdominal tenderness
R10.812	Left upper quadrant abdominal tenderness
R10.813	Right lower quadrant abdominal tenderness
R10.814	Left lower quadrant abdominal tenderness
R10.815	Periumbilic abdominal tenderness
R10.816	Epigastric abdominal tenderness
R10.817	Generalized abdominal tenderness
R10.819	Abdominal tenderness, unspecified site
R10.821	Right upper quadrant rebound abdominal tenderness
R10.822	Left upper quadrant rebound abdominal tenderness
R10.823	Right lower quadrant rebound abdominal tenderness
R10.824	Left lower quadrant rebound abdominal tenderness
R10.825	Periumbilic rebound abdominal tenderness
R10.826	Epigastric rebound abdominal tenderness
R10.827	Generalized rebound abdominal tenderness
R10.829	Rebound abdominal tenderness, unspecified site
R10.83	Colic
R10.84	Generalized abdominal pain
R10.9	Unspecified abdominal pain
R30.0	Dysuria
R30.1	Vesical tenesmus
R30.9	Painful micturition, unspecified
R31.0	Gross hematuria
R31.1	Benign essential microscopic hematuria
R31.21	Asymptomatic microscopic hematuria
R31.29	Other microscopic hematuria
R31.9	Hematuria, unspecified
R32	Unspecified urinary incontinence
R33.0	Drug induced retention of urine
R33.8	Other retention of urine
R33.9	Retention of urine, unspecified
R34	Anuria and oliguria
R35.0	Frequency of micturition

R35.1	Nocturia
R35.8	Other polyuria
R36.0	Urethral discharge without blood
R36.1	Hematospermia
R36.9	Urethral discharge, unspecified
R39.0	Extravasation of urine
R39.11	Hesitancy of micturition
R39.12	Poor urinary stream
R39.13	Splitting of urinary stream
R39.14	Feeling of incomplete bladder emptying
R39.15	Urgency of urination
R39.16	Straining to void
R39.191	Need to immediately re-void
R39.192	Position dependent micturition
R39.198	Other difficulties with micturition
R39.2	Extrarenal uremia
R39.81	Functional urinary incontinence
R39.82	Chronic bladder pain
R39.89	Other symptoms and signs involving the genitourinary system
R39.9	Unsp symptoms and signs involving the genitourinary system
R40.2410	Glasgow coma scale score 13-15, unspecified time
R40.2411	Glasgow coma scale score 13-15, in the field
R40.2412	Glasgow coma scale score 13-15, EMR
R40.2413	Glasgow coma scale score 13-15, at hospital admission
R40.2414	Glasgow coma scale score 13-15, 24+hrs
R40.2420	Glasgow coma scale score 9-12, unspecified time
R40.2421	Glasgow coma scale score 9-12, in the field
R40.2422	Glasgow coma scale score 9-12, EMR
R40.2423	Glasgow coma scale score 9-12, at hospital admission
R40.2424	Glasgow coma scale score 9-12, 24+hrs
R40.2430	Glasgow coma scale score 3-8, unspecified time
R40.2431	Glasgow coma scale score 3-8, in the field
R40.2432	Glasgow coma scale score 3-8, EMR
R40.2433	Glasgow coma scale score 3-8, at hospital admission
R40.2434	Glasgow coma scale score 3-8, 24+hrs
R40.2440	Other coma, without Glasgow, or w/part score, unsp time
R40.2441	Other coma, without Glasgow, or w/part score, in the field
R40.2442	Other coma, without documented Glasgow, or w/part score, EMR
R40.2443	Other coma, without Glasgow, or w/part score, admit
R40.2444	Other coma, without Glasgow, or w/part score, 24+hrs
R40.4	Transient alteration of awareness
R41.0	Disorientation, unspecified

R41.1	Anterograde amnesia
R41.2	Retrograde amnesia
R41.3	Other amnesia
R41.82	Altered mental status, unspecified
R41.9	Unsp symptoms and signs w cognitive functions and awareness
R45.84	Anhedonia
R50.2	Drug induced fever
R50.81	Fever presenting with conditions classified elsewhere
R50.82	Postprocedural fever
R50.83	Postvaccination fever
R50.84	Febrile nonhemolytic transfusion reaction
R50.9	Fever, unspecified
R52	Pain, unspecified
R53.0	Neoplastic (malignant) related fatigue
R53.1	Weakness
R53.81	Other malaise
R53.83	Other fatigue
R57.0	Cardiogenic shock
R57.1	Hypovolemic shock
R57.8	Other shock
R57.9	Shock, unspecified
R65.21	Severe sepsis with septic shock
R68.0	Hypothermia, not associated w low environmental temperature
R68.81	Early satiety
R68.83	Chills (without fever)
R68.89	Other general symptoms and signs
R73.03	Prediabetes
R78.81	Bacteremia
R80.0	Isolated proteinuria
R80.1	Persistent proteinuria, unspecified
R80.2	Orthostatic proteinuria, unspecified
R80.3	Bence Jones proteinuria
R80.8	Other proteinuria
R80.9	Proteinuria, unspecified
R81	Glycosuria
R82.0	Chyluria
R82.1	Myoglobinuria
R82.2	Biliuria
R82.3	Hemoglobinuria
R82.4	Acetonuria
R82.5	Elevated urine levels of drug/meds/biol subst
R82.6	Abnormal urine levels of substances chiefly nonmed source

R82.71	Bacteriuria
R82.79	Other abnormal findings on microbiolog examination of urine
R82.81	Pyuria
R82.89	Other abn findings on cytolog and histolog exam of urine
R82.90	Unspecified abnormal findings in urine
R82.91	Other chromoabnormalities of urine
R82.991	Hypocitraturia
R82.992	Hyperoxaluria
R82.993	Hyperuricosuria
R82.994	Hypercalciuria
R82.998	Other abnormal findings in urine
T19.0XXA	Foreign body in urethra, initial encounter
T19.1XXA	Foreign body in bladder, initial encounter
T19.4XXA	Foreign body in penis, initial encounter
T83.011A	Breakdown (mechanical) of indwelling urethral catheter, init
T83.011D	Breakdown (mechanical) of indwelling urethral catheter, subs
T83.011S	Breakdown of indwelling urethral catheter, sequela
T83.012A	Breakdown (mechanical) of nephrostomy catheter, init
T83.012D	Breakdown (mechanical) of nephrostomy catheter, subs
T83.012S	Breakdown (mechanical) of nephrostomy catheter, sequela
T83.021A	Displacement of indwelling urethral catheter, init
T83.021D	Displacement of indwelling urethral catheter, subs
T83.021S	Displacement of indwelling urethral catheter, sequela
T83.022A	Displacement of nephrostomy catheter, initial encounter
T83.022D	Displacement of nephrostomy catheter, subsequent encounter
T83.022S	Displacement of nephrostomy catheter, sequela
T83.031A	Leakage of indwelling urethral catheter, initial encounter
T83.031D	Leakage of indwelling urethral catheter, subs
T83.031S	Leakage of indwelling urethral catheter, sequela
T83.032A	Leakage of nephrostomy catheter, initial encounter
T83.032D	Leakage of nephrostomy catheter, subsequent encounter
T83.032S	Leakage of nephrostomy catheter, sequela
T83.091A	Mech compl of indwelling urethral catheter, init
T83.091D	Mech compl of indwelling urethral catheter, subs
T83.091S	Mech compl of indwelling urethral catheter, sequela
T83.092A	Mech compl of nephrostomy catheter, initial encounter
T83.092D	Mech compl of nephrostomy catheter, subsequent encounter
T83.092S	Mech compl of nephrostomy catheter, sequela
T83.113A	Breakdown (mechanical) of other urinary stents, init
T83.113D	Breakdown (mechanical) of other urinary stents, subs
T83.113S	Breakdown (mechanical) of other urinary stents, sequela
T83.123A	Displacement of other urinary stents, initial encounter

T83.123D	Displacement of other urinary stents, subsequent encounter
T83.123S	Displacement of other urinary stents, sequela
T83.193A	Mech compl of other urinary stent, initial encounter
T83.193D	Mech compl of other urinary stent, subsequent encounter
T83.193S	Mech compl of other urinary stent, sequela
T83.24XA	Erosion of graft of urinary organ, initial encounter
T83.24XD	Erosion of graft of urinary organ, subsequent encounter
T83.24XS	Erosion of graft of urinary organ, sequela
T83.25XA	Exposure of graft of urinary organ, initial encounter
T83.25XD	Exposure of graft of urinary organ, subsequent encounter
T83.25XS	Exposure of graft of urinary organ, sequela
T83.510A	I/I react d/t cystostomy catheter, initial encounter
T83.510D	I/I react d/t cystostomy catheter, subsequent encounter
T83.510S	I/I react d/t cystostomy catheter, sequela
T83.511A	I/I react d/t indwelling urethral catheter, init
T83.511D	I/I react d/t indwelling urethral catheter, subs
T83.511S	I/I react d/t indwelling urethral catheter, sequela
T83.512A	I/I react d/t nephrostomy catheter, initial encounter
T83.512D	I/I react d/t nephrostomy catheter, subsequent encounter
T83.512S	I/I react d/t nephrostomy catheter, sequela
T83.518A	I/I react d/t other urinary catheter, initial encounter
T83.518D	I/I react d/t other urinary catheter, subsequent encounter
T83.518S	I/I react d/t other urinary catheter, sequela
T83.590A	I/I react d/t implanted urn nstim dev, initial encounter
T83.590D	I/I react d/t implanted urn nstim dev, subsequent encounter
T83.590S	I/I react d/t implanted urn nstim dev, sequela
T83.591A	I/I react d/t implanted urinary sphincter, initial encounter
T83.591D	I/I react d/t implanted urinary sphincter, subs
T83.591S	I/I react d/t implanted urinary sphincter, sequela
T83.592A	I/I react d/t indwelling ureteral stent, initial encounter
T83.592D	I/I react d/t indwelling ureteral stent, subs
T83.592S	I/I react d/t indwelling ureteral stent, sequela
T83.593A	I/I react d/t other urinary stents, initial encounter
T83.593D	I/I react d/t other urinary stents, subsequent encounter
T83.593S	I/I react d/t other urinary stents, sequela
T83.598A	I/I react d/t other prosth dev/grft urn sys, init
T83.598D	I/I react d/t other prosth dev/grft in urinary system, subs
T83.598S	I/I react d/t other prosth dev/grft urn sys, sequela
T83.61XA	I/I react d/t implanted penile prosthesis, initial encounter
T83.61XD	I/I react d/t implanted penile prosthesis, subs
T83.61XS	I/I react d/t implanted penile prosthesis, sequela
T83.62XA	I/I react d/t implanted testicular prosthesis, init

T83.62XD	I/I react d/t implanted testicular prosthesis, subs
T83.62XS	I/I react d/t implanted testicular prosthesis, sequela
T83.69XA	I/I react d/t other prosth dev/grft in genital tract, init
T83.69XD	I/I react d/t other prosth dev/grft in genital tract, subs
T83.69XS	I/I react d/t other prosth dev/grft in genitl trct, sequela
T83.712A	Erosn implnt urethral mesh to surrnd org/tiss, init
T83.712D	Erosn implnt urethral mesh to surrnd org/tiss, subs
T83.712S	Erosn implnt urethral mesh to surrnd org/tiss, sequela
T83.713A	Erosn implnt urethral bulking agent to surrnd org/tiss, init
T83.713D	Erosn implnt urethral bulking agent to surrnd org/tiss, subs
T83.713S	Erosn implnt urethral bulking agent to surrnd org/tiss, sqa
T83.714A	Erosn implnt urtl bulk agnt organ or tissue, init
T83.714D	Erosn implnt urtl bulk agnt organ or tissue, subs
T83.714S	Erosion of implanted urtl bulk agnt organ or tissue, sequela
T83.719A	Erosion of other prosth materials to surrnd org/tiss, init
T83.719D	Erosion of other prosth materials to surrnd org/tiss, subs
T83.719S	Erosion of other prosth matrl to surrnd org/tiss, sequela
T83.722A	Exposure of implanted urethral mesh into urethra, init
T83.722D	Exposure of implanted urethral mesh into urethra, subs
T83.722S	Exposure of implanted urethral mesh into urethra, sequela
T83.723A	Exposure of implnt urethral bulking agent into urethra, init
T83.723D	Exposure of implnt urethral bulking agent into urethra, subs
T83.723S	Expsr of implnt urethral bulking agent into urethra, sequela
T83.724A	Exposure of implnt ureteral bulking agent into ureter, init
T83.724D	Exposure of implnt ureteral bulking agent into ureter, subs
T83.724S	Expsr of implnt ureteral bulking agent into ureter, sequela
T83.79XA	Oth comp due to other GU prosthetic materials, init
T83.79XD	Oth comp due to other GU prosthetic materials, subs
T83.79XS	Oth comp due to other GU prosthetic materials, sequela
Z05.0	Obs & eval of NB for suspected cardiac condition ruled out
Z05.1	Obs & eval of NB for suspected infect condition ruled out
Z05.2	Obs & eval of NB for suspected neuro condition ruled out
Z05.3	Obs & eval of NB for suspected resp condition ruled out
Z05.41	Obs & eval of NB for suspected genetic condition ruled out
Z05.42	Obs & eval of NB for suspected metabolic condition ruled out
Z05.43	Obs & eval of NB for suspected immunologic cond ruled out
Z05.5	Obs & eval of NB for suspected GI condition ruled out
Z05.6	Obs & eval of NB for suspected GU condition ruled out
Z05.71	Obs & eval of NB for suspected skin, subcu cond ruled out
Z05.72	Obs & eval of NB for suspected ms condition ruled out
Z05.73	Obs & eval of NB for suspected conn tiss condition ruled out
Z05.8	Obs & eval of NB for oth suspected condition ruled out

Z05.9	Obs & eval of NB for unsp suspected condition ruled out
Z19.1	Hormone sensitive malignancy status
Z19.2	Hormone resistant malignancy status
Z31.7	Enctr for pro mgmt and counseling for gestational carrier
Z43.5	Encounter for attention to cystostomy
Z43.6	Encounter for attn to oth artif openings of urinary tract
Z79.3	Long term (current) use of hormonal contraceptives
Z79.84	Long term (current) use of oral hypoglycemic drugs
Z79.891	Long term (current) use of opiate analgesic
Z79.899	Other long term (current) drug therapy
Z84.82	Family history of sudden infant death syndrome
Z93.50	Unspecified cystostomy status
Z93.51	Cutaneous-vesicostomy status
Z93.52	Appendico-vesicostomy status
Z93.59	Other cystostomy status
Z93.6	Other artificial openings of urinary tract status