

Myocardial Infarction and stroke subsequent to urinary tract infection (MISSOURI): protocol for a self-controlled case series using linked electronic health records: Supplemental Material

Supplemental Material A - ICD-10 Codes for Acute MI and Stroke to Identify Potential Cases

Code	Description	Condition
I210	Acute transmural myocardial infarction of anterior wall	MI
I211	Acute transmural myocardial infarction of inferior wall	MI
I212	Acute transmural myocardial infarction of other sites	MI
I213	Acute transmural myocardial infarction of unspecified site	MI
I214	Acute subendocardial myocardial infarction	MI
I219	Acute myocardial infarction unspecified	MI
I220	Subsequent myocardial infarction of anterior wall	MI
I221	Subsequent myocardial infarction of inferior wall	MI
I228	Subsequent myocardial infarction of other sites	MI
I229	Subsequent myocardial infarction of unspecified site	MI
I600	Subarachnoid haemorrhage from carotid siphon and bifurcation	STROKE
I601	Subarachnoid haemorrhage from middle cerebral artery	STROKE
I602	Subarachnoid haemorrhage from anterior communicating artery	STROKE
I603	Subarachnoid haemorrhage from posterior communicating artery	STROKE
I604	Subarachnoid haemorrhage from basilar artery	STROKE
I605	Subarachnoid haemorrhage from vertebral artery	STROKE
I606	Subarachnoid haemorrhage from other intracranial arteries	STROKE
I607	Subarachnoid haemorrhage from intracranial artery unsp	STROKE
I608	Other subarachnoid haemorrhage	STROKE
I609	Subarachnoid haemorrhage unspecified	STROKE
I610	Intracerebral haemorrhage in hemisphere subcortical	STROKE
I611	Intracerebral haemorrhage in hemisphere cortical	STROKE
I612	Intracerebral haemorrhage in hemisphere unspecified	STROKE
I613	Intracerebral haemorrhage in brain stem	STROKE
I614	Intracerebral haemorrhage in cerebellum	STROKE
I615	Intracerebral haemorrhage intraventricular	STROKE
I616	Intracerebral haemorrhage multiple localized	STROKE
I618	Other intracerebral haemorrhage	STROKE
I619	Intracerebral haemorrhage unspecified	STROKE
I629	Intracranial haemorrhage (nontraumatic)unspecified	STROKE
I630	Cerebral infarct due to thrombosis of precerebral arteries	STROKE
I631	Cerebral infarction due to embolism of precerebral arteries	STROKE
I632	Cereb infarct due unsp occlusion or stenosis precerebral arts	STROKE
I633	Cerebral infarction due to thrombosis of cerebral arteries	STROKE
I634	Cerebral infarction due to embolism of cerebral arteries	STROKE
I635	Cerebral infarct due unsp occlusion or stenosis cerebral arts	STROKE
I636	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic	STROKE
I638	Other cerebral infarction	STROKE
I639	Cerebral infarction unspecified	STROKE
I64X	Stroke not specified as haemorrhage or infarction	STROKE

Supplemental Material B - Read Codes for UTI to Determine Risk Periods

Code	Description
1A1..	Urinary frequency/Frequency of micturition/Micturition frequency/Polyuria
1A12.	Frequency of micturition
1A1Z.	Micturition frequency NOS
1A44.	Urine looks cloudy
1A45.	Blood in urine - haematuria/Blood in urine - symptom/Haematuria - symptom
1A55.	Dysuria
1AG..	Recurrent urinary tract infections
1AZ6.	Lower urinary tract symptoms
1J4..	Suspected UTI
K0A2.	Recurrent and persistent haematuria
K101.	Acute pyelonephritis
K101z	Acute pyelonephritis NOS
K10y0	Pyelonephritis unspecified
K15..	Cystitis
K150.	Acute cystitis
K152.	Other chronic cystitis
K152y	Chronic cystitis unspecified
K152z	Other chronic cystitis NOS
K155.	Recurrent cystitis
K15yz	Other cystitis NOS
K15z.	Cystitis NOS
K190.	Recurrent urinary tract infection/Urinary tract infection, site not specified
K1903	Recurrent UTI/Recurrent urinary tract infection
K1905	Urinary tract infection
K190z	Urinary tract infection, site not specified NOS
K1970	Painless haematuria
K1971	Painful haematuria
K1973	Frank haematuria
Kyu51	[X]Other cystitis
L1668	Urinary tract infection complicating pregnancy
R08..	[D]Urinary system symptoms
R081.	[D]Dysuria
R081z	[D]Dysuria NOS
R084.	[D]Micturition frequency and polyuria
R0840	[D]Frequency of micturition, unspecified
R0842	[D]Nocturia
R084z	[D]Frequency of micturition or polyuria NOS
R0908	[D]Suprapubic pain
SP07Q	Catheter-associated urinary tract infection/CAUTI - catheter-associated urinary tract infection

Supplemental Material C - Read Codes for Antibiotics to Determine Risk Periods

Code	Description
e31B.	*AMIX 250mg/5mL suspension
e319.	*AMOXIL SF 125mg/5mL syrup
e31a.	*AMOXIL SF 250mg/5mL syrup
e31d.	*AMOXIL SF 3g sachets
e31R.	*AMOXYMED 250mg capsules
e31i.	*AUGMENTIN 375mg disp tablets
e69e.	*CEPOREX 250mg/5mL suspension
eg68.	*CIPROXIN 100mg tablets
e31v.	*CO-AMOXICLAV 125mg/5mL susp
e31u.	*CO-AMOXICLAV 375mg disp tabs
egA3.	*FOSFOMYCIN 3g/sachet granules
eg17.	*MACRODANTIN 100mg capsules
eg16.	*MACRODANTIN 50mg capsules
eccb.	*MONOTRIM 50mg/5mL s/f susp
egA1.	*MONURIL 3g/sach granules
ecc3.	*TRIMETHOPRIM 300mg tablets
e3z5.	AMIX 250mg capsules
e3z6.	AMIX 500mg capsules
e3zo.	AMOXICILLIN 125mg/1.25mL susp
e3zk.	AMOXICILLIN 125mg/5mL s/f susp
e3zm.	AMOXICILLIN 125mg/5mL syrup
e311.	AMOXICILLIN 250mg capsules
e3zu.	AMOXICILLIN 250mg/5mL s/f susp
e3zn.	AMOXICILLIN 250mg/5mL syrup
e312.	AMOXICILLIN 500mg capsules
e3zq.	AMOXICILLIN powder 3g/sachet
e31b.	AMOXIL 125mg/1.25mL paed susp
e315.	AMOXIL 250mg capsules
e316.	AMOXIL 500mg capsules
e3zo.	AMOXYCILLIN 125mg/1.25mL susp
e3zk.	AMOXYCILLIN 125mg/5mL s/f susp
e3zm.	AMOXYCILLIN 125mg/5mL syrup
e311.	AMOXYCILLIN 250mg capsules
e3zu.	AMOXYCILLIN 250mg/5mL s/f susp
e3zn.	AMOXYCILLIN 250mg/5mL syrup
e312.	AMOXYCILLIN 500mg capsules
e3zq.	AMOXYCILLIN powder 3g/sachet
e31k.	AUGMENTIN 125/31 in 5mL susp
e31P.	AUGMENTIN 250/62 in 5mL susp
e31h.	AUGMENTIN 375mg tablets
e31T.	AUGMENTIN 625mg tablets
e31Y.	AUGMENTIN-DUO 400/57in5mL susp
e61C.	CEFACLOX 125mg/5mL s/f susp
e615.	CEFACLOX 125mg/5mL suspension
e614.	CEFACLOX 250mg capsules
e61D.	CEFACLOX 250mg/5mL s/f susp
e616.	CEFACLOX 250mg/5mL suspension
e61a.	CEFACLOX 375mg m/r tablets
e618.	CEFACLOX 500mg capsules
Code	Description
e31B.	*AMIX 250mg/5mL suspension
e319.	*AMOXIL SF 125mg/5mL syrup
e31a.	*AMOXIL SF 250mg/5mL syrup
e31d.	*AMOXIL SF 3g sachets

e31R. *AMOXYMED 250mg capsules
e31i. *AUGMENTIN 375mg disp tablets
e69e. *CEPOREX 250mg/5mL suspension
eg68. *CIPROXIN 100mg tablets
e31v. *CO-AMOXICLAV 125mg/5mL susp
e31u. *CO-AMOXICLAV 375mg disp tabs
egA3. *FOSFOMYCIN 3g/sachet granules
eg17. *MACRODANTIN 100mg capsules
eg16. *MACRODANTIN 50mg capsules
eccb. *MONOTRIM 50mg/5mL s/f susp
egA1. *MONURIL 3g/sach granules
ecc3. *TRIMETHOPRIM 300mg tablets
e3z5. AMIX 250mg capsules
e3z6. AMIX 500mg capsules
e3zo. AMOXICILLIN 125mg/1.25mL susp
e3zk. AMOXICILLIN 125mg/5mL s/f susp
e3zm. AMOXICILLIN 125mg/5mL syrup
e311. AMOXICILLIN 250mg capsules
e3zu. AMOXICILLIN 250mg/5mL s/f susp
e3zn. AMOXICILLIN 250mg/5mL syrup
e312. AMOXICILLIN 500mg capsules
e3zq. AMOXICILLIN powder 3g/sachet
e31b. AMOXIL 125mg/1.25mL paed susp
e315. AMOXIL 250mg capsules
e316. AMOXIL 500mg capsules
e3zo. AMOXYCILLIN 125mg/1.25mL susp
e3zk. AMOXYCILLIN 125mg/5mL s/f susp
e3zm. AMOXYCILLIN 125mg/5mL syrup
e311. AMOXYCILLIN 250mg capsules
e3zu. AMOXYCILLIN 250mg/5mL s/f susp
e3zn. AMOXYCILLIN 250mg/5mL syrup
e312. AMOXYCILLIN 500mg capsules
e3zq. AMOXYCILLIN powder 3g/sachet
e31k. AUGMENTIN 125/31 in 5mL susp
e31P. AUGMENTIN 250/62 in 5mL susp
e31h. AUGMENTIN 375mg tablets
e31T. AUGMENTIN 625mg tablets
e31Y. AUGMENTIN-DUO 400/57in5mL
susp
e61C. CEFACLOR 125mg/5mL s/f susp
e615. CEFACLOR 125mg/5mL suspension
e614. CEFACLOR 250mg capsules
e61D. CEFACLOR 250mg/5mL s/f susp
e616. CEFACLOR 250mg/5mL suspension
e61a. CEFACLOR 375mg m/r tablets
e618. CEFACLOR 500mg capsules
e69.. CEFALEXIN
e695. CEFALEXIN 125mg/5mL mixture

e69v. CEFALOXIN 125mg/5mL syrup
e691. CEFALOXIN 250mg capsules
e693. CEFALOXIN 250mg tablets
e696. CEFALOXIN 250mg/5mL mixture
e69w. CEFALOXIN 250mg/5mL syrup
e692. CEFALOXIN 500mg capsules
e694. CEFALOXIN 500mg tablets
e697. CEFALOXIN 500mg/5mL syrup
e69.. CEPHALOXIN
e695. CEPHALOXIN 125mg/5mL mixture
e69v. CEPHALOXIN 125mg/5mL syrup
e691. CEPHALOXIN 250mg capsules
e693. CEPHALOXIN 250mg tablets
e696. CEPHALOXIN 250mg/5mL mixture
e69w. CEPHALOXIN 250mg/5mL syrup
e692. CEPHALOXIN 500mg capsules
e694. CEPHALOXIN 500mg tablets
e697. CEPHALOXIN 500mg/5mL syrup
e69f. CEPORIN 125mg/5mL syrup
e698. CEPORIN 250mg capsules
e69a. CEPORIN 250mg tablets
e69g. CEPORIN 250mg/5mL syrup
e699. CEPORIN 500mg capsules
e69b. CEPORIN 500mg tablets
e69h. CEPORIN 500mg/5mL syrup
eg6.. CIPROFLOXACIN
eg67. CIPROFLOXACIN 100mg tablets
eg6x. CIPROFLOXACIN 250mg tablets
eg6w. CIPROFLOXACIN 500mg tablets
eg69. CIPROFLOXACIN 5g/100mL susp
eg6v. CIPROFLOXACIN 750mg tablets
eg61. CIPROXIN 250mg tablets
eg64. CIPROXIN 500mg tablets
eg6A. CIPROXIN 5g/100mL suspension
eg65. CIPROXIN 750mg tablets
e31Q. CO-AMOXICLAV 125/31mg/5mL susp
e31z. CO-AMOXICLAV 250/62in5mL susp
e31t. CO-AMOXICLAV 375mg tablets
e31X. CO-AMOXICLAV 400/57mg susp
e31U. CO-AMOXICLAV 625mg tablets
e612. DISTACLOX 125mg/5mL suspension
e613. DISTACLOX 250mg/5mL suspension
e617. DISTACLOX 500mg capsules
e619. DISTACLOX MR 375mg m/r tablets
ebl.. FOSFOMYCIN
eg14. FURADANTIN 100mg tablets
eg13. FURADANTIN 50mg tablets
eg1C. GENFURA 100mg tablets

eg1B.	GENFURA 50mg tablets
e69m.	KEFLEX 125mg/5mL suspension
e69i.	KEFLEX 250mg capsules
e69k.	KEFLEX 250mg tablets
e69n.	KEFLEX 250mg/5mL suspension
e69j.	KEFLEX 500mg capsules
e69l.	KEFLEX 500mg tablets
eg1A.	MACROBID 100mg m/r capsules
eg17.	MACRODANTIN 100mg capsules
eg16.	MACRODANTIN 50mg capsules
eg1x.	NITROFURANT 25mg/5mL s/f susp
eg1..	NITROFURANTOIN
eg1z.	NITROFURANTOIN 100mg capsules
eg1w.	NITROFURANTOIN 100mg m/r caps
eg12.	NITROFURANTOIN 100mg tablets
eg1y.	NITROFURANTOIN 50mg capsules
eg11.	NITROFURANTOIN 50mg tablets
e52w.	PIVMECILLINAM HCL 200mg tabs
e521.	SELEXID 200mg tablets
ecc..	TRIMETHOPRIM
ecc1.	TRIMETHOPRIM 100mg tablets
ecc2.	TRIMETHOPRIM 200mg tablets
ecc4.	TRIMETHOPRIM 50mg/5mL s/f susp

Supplemental Material D - ICD-10 Codes for UTI to Determine Risk Periods

Code	Description
N10	Acute tubulo-interstitial nephritis
N12	Tubulo-interstitial nephritis, not specified as acute or chronic
N30.0	Acute cystitis
N30.8	Other cystitis
N30.9	Cystitis, unspecified
N39.0	Urinary tract infection, site not specified