



Prevention Quality Indicator in Emergency Department Settings 05 (PQE 05) Visits for Back Pain

July 2024

Area-Level Indicator

Type of Score: Rate

Prepared by:

Agency for Healthcare Research and Quality

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DESCRIPTION

Patients with two or more Emergency Department (ED) visits for back pain in one calendar year, for individuals ages 18 and older, per 100,000 population.

[NOTE: The software provides the rate per population. However, common practice reports the measure as per 100,000 population. The user must multiply the rate obtained from the software by 100,000 to report visits per 100,000 population.]

NUMERATOR

Number of patients ages 18 and older residing in a community with two or more ED visits (within state) with a first-listed diagnosis of back pain or back disorders, including spinal stenosis, back pain, lumbago, sciatica, neuritis or radiculitis, disorders of the sacrum, spondylosis, intervertebral disc disorders, and spinal degeneration (**BACKPAIN***) in a fixed 12-month period of a calendar year.

NUMERATOR EXCLUSIONS

Exclude visits:

- With missing patient sequencing information
- With any listed ICD-10-CM diagnosis code for urinary tract infection (***BPEXCLUDEUTI****) or fever (***BPEXCLUDEFEVER****)
- With any listed ICD-10-CM diagnosis code for cauda equina syndrome, spinal epidural abscess, or cord compression (***BPEXCLUDECES****)
- With any listed ICD-10-CM diagnosis code for Cholelithiasis or Cholecystitis (***BPEXCLUDEGALLSTONE****)
- With any listed ICD-10-CM diagnosis code for Hydronephrosis with renal and ureteral calculous obstruction or calculus of kidney and ureter (***BPEXCLUDEKIDNEYSTONE****)
- With any listed ICD-10-CM diagnosis code for cancer (***APPENDIX A: BPEXCLUDECANCER***)
- With any listed ICD-10-CM diagnosis for trauma (***APPENDIX B: TRAUMAF***)
- With missing gender (SEX=missing), age (AGE=missing), first-listed diagnosis (DX1=missing), or county (PSTCO=missing)

[*Appendix A - Cancer diagnosis codes*](#)

[*Appendix B - Trauma diagnosis codes*](#)

DENOMINATOR

Population ages 18 and above in the metropolitan area¹ or county. Visits in the numerator are assigned to the denominator based on the metropolitan area or county of the patient residence, not the metropolitan area or county of the hospital where the discharge occurred.

¹ The term “metropolitan area” (MA) was adopted by the U.S. Census in 1990 and referred collectively to metropolitan statistical areas (MSAs), consolidated metropolitan statistical areas (CMSAs), and primary metropolitan statistical areas (PMSAs). In addition, “area” could refer to either 1) FIPS county, 2) modified FIPS county, 3) 1999 OMB Metropolitan Statistical Area, or 4) 2003 OMB Metropolitan Statistical Area. Micropolitan Statistical Areas are not used in the AHRQ QI software.

* See below for code list

Back pain diagnosis codes: (BACKPAIN)

M4320	Fusion of spine, site unspecified	M4989	Spondylopathy in diseases classified elsewhere, multiple sites in spine
M4321	Fusion of spine, occipito-atlanto-axial region	M5010	Cervical disc disorder with radiculopathy, unspecified cervical region
M4322	Fusion of spine, cervical region	M5011	Cervical disc disorder with radiculopathy, high cervical region
M4323	Fusion of spine, cervicothoracic region	M5012	Cervical disc disorder with radiculopathy, mid-cervical region
M4324	Fusion of spine, thoracic region	M50120	Mid-Cervical disc disorder, unspecified level
M4325	Fusion of spine, thoracolumbar region	M50121	Cervical disc disorder at C4-C5 level with radiculopathy
M4326	Fusion of spine, lumbar region	M50122	Cervical disc disorder at c5-c6 level with radiculopathy
M4327	Fusion of spine, lumbosacral region	M50123	Cervical disc disorder at c6-c7 level with radiculopathy
M4328	Fusion of spine, sacral and sacrococcygeal region	M5013	Cervical disc disorder with radiculopathy, cervicothoracic region
M436	Torticollis	M5020	Other cervical disc displacement, unspecified cervical region
M4600	Spinal enthesopathy, site unspecified	M5021	Other cervical disc displacement, high cervical region
M4601	Spinal enthesopathy, occipito-atlanto-axial region	M5022	Other cervical disc displacement, mid-cervical region
M4602	Spinal enthesopathy, cervical region	M50220	Other cervical disc displacement, mid-cervical region, unspecified level
M4603	Spinal enthesopathy, cervicothoracic region	M50221	Other cervical disc displacement at C4-C5 level
M4604	Spinal enthesopathy, thoracic region	M50222	Other cervical disc displacement at c5-c6 level
M4605	Spinal enthesopathy, thoracolumbar region	M50223	Other cervical disc displacement at c6-c7 level
M4606	Spinal enthesopathy, lumbar region	M5023	Other cervical disc displacement, cervicothoracic region
M4607	Spinal enthesopathy, lumbosacral region	M5030	Other cervical disc degeneration, unspecified cervical region
M4608	Spinal enthesopathy, sacral and sacrococcygeal region	M5031	Other cervical disc degeneration, high cervical region
M4609	Spinal enthesopathy, multiple sites in spine	M5032	Other cervical disc degeneration, mid-cervical region
M4680	Other specified inflammatory spondylopathies, site unspecified	M50320	Other cervical disc degeneration, mid-cervical region, unspecified level

Back pain diagnosis codes: (BACKPAIN)

M4681	Other specified inflammatory spondylopathies, occipito-atlanto-axial region	M50321	Other cervical disc degeneration at C4-C5 level
M4682	Other specified inflammatory spondylopathies, cervical region	M50322	Other cervical disc degeneration at c5-c6 level
M4683	Other specified inflammatory spondylopathies, cervicothoracic region	M50323	Other cervical disc degeneration at c6-c7 level
M4684	Other specified inflammatory spondylopathies, thoracic region	M5033	Other cervical disc degeneration, cervicothoracic region
M4685	Other specified inflammatory spondylopathies, thoracolumbar region	M5080	Other cervical disc disorders, unspecified cervical region
M4686	Other specified inflammatory spondylopathies, lumbar region	M5081	Other cervical disc disorders, high cervical region
M4687	Other specified inflammatory spondylopathies, lumbosacral region	M5082	Other cervical disc disorders, mid-cervical region
M4688	Other specified inflammatory spondylopathies, sacral and sacrococcygeal region	M50820	Other cervical disc disorders, mid-cervical region, unspecified level
M4689	Other specified inflammatory spondylopathies, multiple sites in spine	M50821	Other cervical disc disorders at C4-C5 level
M4690	Unspecified inflammatory spondylopathy, site unspecified	M50822	Other cervical disc disorders at c5-c6 level
M4691	Unspecified inflammatory spondylopathy, occipito-atlanto-axial region	M50823	Other cervical disc disorders at c6-c7 level
M4692	Unspecified inflammatory spondylopathy, cervical region	M5083	Other cervical disc disorders, cervicothoracic region
M4693	Unspecified inflammatory spondylopathy, cervicothoracic region	M5090	Cervical disc disorder, unspecified, unspecified cervical region
M4694	Unspecified inflammatory spondylopathy, thoracic region	M5091	Cervical disc disorder, unspecified, high cervical region
M4695	Unspecified inflammatory spondylopathy, thoracolumbar region	M5092	Cervical disc disorder, unspecified, mid-cervical region
M4696	Unspecified inflammatory spondylopathy, lumbar region	M50920	Unspecified cervical disc disorder, mid-cervical region, unspecified level
M4697	Unspecified inflammatory spondylopathy, lumbosacral region	M50921	Unspecified cervical disc disorder at C4-C5 level
M4698	Unspecified inflammatory spondylopathy, sacral and sacrococcygeal region	M50922	Unspecified cervical disc disorder at c5-c6 level
M4699	Unspecified inflammatory spondylopathy, multiple sites in spine	M50923	Unspecified cervical disc disorder at c6-c7 level

Back pain diagnosis codes: (BACKPAIN)

M4720	Other spondylosis with radiculopathy, site unspecified	M5093	Cervical disc disorder, unspecified, cervicothoracic region
M4721	Other spondylosis with radiculopathy, occipito-atlanto-axial region	M5114	Intervertebral disc disorders with radiculopathy, thoracic region
M4722	Other spondylosis with radiculopathy, cervical region	M5115	Intervertebral disc disorders with radiculopathy, thoracolumbar region
M4723	Other spondylosis with radiculopathy, cervicothoracic region	M5116	Intervertebral disc disorders with radiculopathy, lumbar region
M4724	Other spondylosis with radiculopathy, thoracic region	M5117	Intervertebral disc disorders with radiculopathy, lumbosacral region
M4725	Other spondylosis with radiculopathy, thoracolumbar region	M5124	Other intervertebral disc displacement, thoracic region
M4726	Other spondylosis with radiculopathy, lumbar region	M5125	Other intervertebral disc displacement, thoracolumbar region
M4727	Other spondylosis with radiculopathy, lumbosacral region	M5126	Other intervertebral disc displacement, lumbar region
M4728	Other spondylosis with radiculopathy, sacral and sacrococcygeal region	M5127	Other intervertebral disc displacement, lumbosacral region
M47811	Spondylosis without myelopathy or radiculopathy, occipito-atlanto-axial region	M5134	Other intervertebral disc degeneration, thoracic region
M47812	Spondylosis without myelopathy or radiculopathy, cervical region	M5135	Other intervertebral disc degeneration, thoracolumbar region
M47813	Spondylosis without myelopathy or radiculopathy, cervicothoracic region	M5136	Other intervertebral disc degeneration, lumbar region
M47814	Spondylosis without myelopathy or radiculopathy, thoracic region	M5137	Other intervertebral disc degeneration, lumbosacral region
M47815	Spondylosis without myelopathy or radiculopathy, thoracolumbar region	M5144	Schmorl's nodes, thoracic region
M47816	Spondylosis without myelopathy or radiculopathy, lumbar region	M5145	Schmorl's nodes, thoracolumbar region
M47817	Spondylosis without myelopathy or radiculopathy, lumbosacral region	M5146	Schmorl's nodes, lumbar region
M47818	Spondylosis without myelopathy or radiculopathy, sacral and sacrococcygeal region	M5147	Schmorl's nodes, lumbosacral region
M47819	Spondylosis without myelopathy or radiculopathy, site unspecified	M5184	Other intervertebral disc disorders, thoracic region
M47891	Other spondylosis, occipito-atlanto-axial region	M5185	Other intervertebral disc disorders, thoracolumbar region
M47892	Other spondylosis, cervical region	M5186	Other intervertebral disc disorders, lumbar region
M47893	Other spondylosis, cervicothoracic region	M5187	Other intervertebral disc disorders, lumbosacral region

Back pain diagnosis codes: (BACKPAIN)

M47894	Other spondylosis, thoracic region	M519	Unspecified thoracic, thoracolumbar and lumbosacral intervertebral disc disorder
M47895	Other spondylosis, thoracolumbar region	M51A0	Intervertebral annulus fibrosus defect, lumbar region, unspecified size
M47896	Other spondylosis, lumbar region	M51A1	Intervertebral annulus fibrosus defect, small, lumbar region
M47897	Other spondylosis, lumbosacral region	M51A2	Intervertebral annulus fibrosus defect, large, lumbar region
M47898	Other spondylosis, sacral and sacrococcygeal region	M51A3	Intervertebral annulus fibrosus defect, lumbosacral region, unspecified size
M47899	Other spondylosis, site unspecified	M51A4	Intervertebral annulus fibrosus defect, small, lumbosacral region
M479	Spondylosis, unspecified	M51A5	Intervertebral annulus fibrosus defect, large, lumbosacral region
M4800	Spinal stenosis, site unspecified	M530	Cervicocranial syndrome
M4801	Spinal stenosis, occipito-atlanto-axial region	M531	Cervicobrachial syndrome
M4802	Spinal stenosis, cervical region	M532X1	Spinal instabilities, occipito-atlanto-axial region
M4803	Spinal stenosis, cervicothoracic region	M532X2	Spinal instabilities, cervical region
M4804	Spinal stenosis, thoracic region	M532X3	Spinal instabilities, cervicothoracic region
M4805	Spinal stenosis, thoracolumbar region	M532X4	Spinal instabilities, thoracic region
M4806	Spinal stenosis, lumbar region	M532X5	Spinal instabilities, thoracolumbar region
M48061	Spinal stenosis, lumbar region without neurogenic claudication	M532X6	Spinal instabilities, lumbar region
M48062	Spinal stenosis, lumbar region with neurogenic claudication	M532X7	Spinal instabilities, lumbosacral region
M4807	Spinal stenosis, lumbosacral region	M532X8	Spinal instabilities, sacral and sacrococcygeal region
M4808	Spinal stenosis, sacral and sacrococcygeal region	M532X9	Spinal instabilities, site unspecified
M4810	Ankylosing hyperostosis [forestier], site unspecified	M533	Sacrococcygeal disorders, not elsewhere classified
M4811	Ankylosing hyperostosis [forestier], occipito-atlanto-axial region	M5380	Other specified dorsopathies, site unspecified
M4812	Ankylosing hyperostosis [forestier], cervical region	M5381	Other specified dorsopathies, occipito-atlanto-axial region
M4813	Ankylosing hyperostosis [forestier], cervicothoracic region	M5382	Other specified dorsopathies, cervical region
M4814	Ankylosing hyperostosis [forestier], thoracic region	M5383	Other specified dorsopathies, cervicothoracic region
M4815	Ankylosing hyperostosis [forestier], thoracolumbar region	M5384	Other specified dorsopathies, thoracic region

Back pain diagnosis codes: (BACKPAIN)

M4816	Ankylosing hyperostosis [forestier], lumbar region	M5385	Other specified dorsopathies, thoracolumbar region
M4817	Ankylosing hyperostosis [forestier], lumbosacral region	M5386	Other specified dorsopathies, lumbar region
M4818	Ankylosing hyperostosis [forestier], sacral and sacrococcygeal region	M5387	Other specified dorsopathies, lumbosacral region
M4819	Ankylosing hyperostosis [forestier], multiple sites in spine	M5388	Other specified dorsopathies, sacral and sacrococcygeal region
M4820	Kissing spine, site unspecified	M539	Dorsopathy, unspecified
M4821	Kissing spine, occipito-atlanto-axial region	M5410	Radiculopathy, site unspecified
M4822	Kissing spine, cervical region	M5411	Radiculopathy, occipito-atlanto-axial region
M4823	Kissing spine, cervicothoracic region	M5412	Radiculopathy, cervical region
M4824	Kissing spine, thoracic region	M5413	Radiculopathy, cervicothoracic region
M4825	Kissing spine, thoracolumbar region	M5414	Radiculopathy, thoracic region
M4826	Kissing spine, lumbar region	M5415	Radiculopathy, thoracolumbar region
M4827	Kissing spine, lumbosacral region	M5416	Radiculopathy, lumbar region
M488X1	Other specified spondylopathies, occipito-atlanto-axial region	M5417	Radiculopathy, lumbosacral region
M488X2	Other specified spondylopathies, cervical region	M5418	Radiculopathy, sacral and sacrococcygeal region
M488X3	Other specified spondylopathies, cervicothoracic region	M542	Cervicalgia
M488X4	Other specified spondylopathies, thoracic region	M5430	Sciatica, unspecified side
M488X5	Other specified spondylopathies, thoracolumbar region	M5431	Sciatica, right side
M488X6	Other specified spondylopathies, lumbar region	M5432	Sciatica, left side
M488X7	Other specified spondylopathies, lumbosacral region	M5440	Lumbago with sciatica, unspecified side
M488X8	Other specified spondylopathies, sacral and sacrococcygeal region	M5441	Lumbago with sciatica, right side
M488X9	Other specified spondylopathies, site unspecified	M5442	Lumbago with sciatica, left side
M489	Spondylopathy, unspecified	M545	Low back pain
M4980	Spondylopathy in diseases classified elsewhere, site unspecified	M5450	Low back pain, unspecified
M4981	Spondylopathy in diseases classified elsewhere, occipito-atlanto-axial region	M5451	Vertebrogenic low back pain
M4982	Spondylopathy in diseases classified elsewhere, cervical region	M5459	Other low back pain

Back pain diagnosis codes: (BACKPAIN)

M4983	Spondylopathy in diseases classified elsewhere, cervicothoracic region	M546	Pain in thoracic spine
M4984	Spondylopathy in diseases classified elsewhere, thoracic region	M5481	Occipital neuralgia
M4985	Spondylopathy in diseases classified elsewhere, thoracolumbar region	M5489	Other dorsalgia
M4986	Spondylopathy in diseases classified elsewhere, lumbar region	M549	Dorsalgia, unspecified
M4987	Spondylopathy in diseases classified elsewhere, lumbosacral region	M62830	Muscle spasm of back
M4988	Spondylopathy in diseases classified elsewhere, sacral and sacrococcygeal region	M961	Postlaminectomy syndrome, not elsewhere classified

Urinary tract infection diagnosis codes: (BPEXCLUDEUTI)

N10	Acute pyelonephritis	N2885	Pyeloureteritis cystica
N12	Tubulo-Interstitial nephritis, not specified as acute or chronic	N2886	Ureteritis cystica
N136	Pyonephrosis	N3000	Acute cystitis without hematuria
N151	Renal and perinephric abscess	N3001	Acute cystitis with hematuria
N159	Renal tubulo-interstitial disease, unspecified	N3090	Cystitis, unspecified without hematuria
N16	Renal tubulo-interstitial disorders in diseases classified elsewhere	N3091	Cystitis, unspecified with hematuria
N2884	Pyelitis cystica	N390	Urinary tract infection, site not specified

Fever diagnosis codes: (BPEXCLUDEFEVER)

R502	Drug induced fever	R5084	Febrile nonhemolytic transfusion reaction
R5081	Fever presenting with conditions classified elsewhere	R509	Fever, unspecified
R5082	Postprocedural fever	R680	Hypothermia, not associated with low environmental temperature
R5083	Postvaccination fever	R6883	Chills (without fever)

Cauda equina syndrome, spinal epidural abscess, and cord compression diagnosis codes: (BPXCLUDECES)

G061	Intraspinal abscess and granuloma	M47022	Vertebral artery compression syndromes, cervical region
G062	Extradural and subdural abscess, unspecified	M47029	Vertebral artery compression syndromes, site unspecified
G07	Intracranial and intraspinal abscess and granuloma in diseases classified elsewhere	M4710	Other spondylosis with myelopathy, site unspecified
G834	Cauda equina syndrome	M4711	Other spondylosis with myelopathy, occipito-atlanto-axial region
G9511	Acute infarction of spinal cord (embolic) (nonembolic)	M4712	Other spondylosis with myelopathy, cervical region
G9519	Other vascular myelopathies	M4713	Other spondylosis with myelopathy, cervicothoracic region
G9520	Unspecified cord compression	M4714	Other spondylosis with myelopathy, thoracic region
G9529	Other cord compression	M4715	Other spondylosis with myelopathy, thoracolumbar region
G9581	Conus medullaris syndrome	M4716	Other spondylosis with myelopathy, lumbar region
G9589	Other specified diseases of spinal cord	M4800	Spinal stenosis, site unspecified
G959	Disease of spinal cord, unspecified	M4804	Spinal stenosis, thoracic region
G992	Myelopathy in diseases classified elsewhere	M4805	Spinal stenosis, thoracolumbar region
M433	Recurrent atlantoaxial dislocation with myelopathy	M4806	Spinal stenosis, lumbar region
M4620	Osteomyelitis of vertebra, site unspecified	M48061	Spinal stenosis, lumbar region without neurogenic claudication
M4621	Osteomyelitis of vertebra, occipito-atlanto-axial region	M48062	Spinal stenosis, lumbar region with neurogenic claudication
M4622	Osteomyelitis of vertebra, cervical region	M4807	Spinal stenosis, lumbosacral region
M4623	Osteomyelitis of vertebra, cervicothoracic region	M4808	Spinal stenosis, sacral and sacrococcygeal region
M4624	Osteomyelitis of vertebra, thoracic region	M5000	Cervical disc disorder with myelopathy, unspecified cervical region
M4625	Osteomyelitis of vertebra, thoracolumbar region	M5001	Cervical disc disorder with myelopathy, high cervical region
M4626	Osteomyelitis of vertebra, lumbar region	M5002	Cervical disc disorder with myelopathy, mid-cervical region
M4627	Osteomyelitis of vertebra, lumbosacral region	M50020	Cervical disc disorder with myelopathy, mid-cervical region, unspecified level

Cauda equina syndrome, spinal epidural abscess, and cord compression diagnosis codes: (BPEXCLUDECES)

M4628	Osteomyelitis of vertebra, sacral and sacrococcygeal region	M50021	Cervical disc disorder at C4-C5 level with myelopathy
M4630	Infection of intervertebral disc (pyogenic), site unspecified	M50022	Cervical disc disorder at c5-c6 level with myelopathy
M4631	Infection of intervertebral disc (pyogenic), occipito-atlanto-axial region	M50023	Cervical disc disorder at c6-c7 level with myelopathy
M4632	Infection of intervertebral disc (pyogenic), cervical region	M5003	Cervical disc disorder with myelopathy, cervicothoracic region
M4633	Infection of intervertebral disc (pyogenic), cervicothoracic region	M5104	Intervertebral disc disorders with myelopathy, thoracic region
M4634	Infection of intervertebral disc (pyogenic), thoracic region	M5105	Intervertebral disc disorders with myelopathy, thoracolumbar region
M4635	Infection of intervertebral disc (pyogenic), thoracolumbar region	M5106	Intervertebral disc disorders with myelopathy, lumbar region
M4636	Infection of intervertebral disc (pyogenic), lumbar region	M9922	Subluxation stenosis of neural canal of thoracic region
M4637	Infection of intervertebral disc (pyogenic), lumbosacral region	M9923	Subluxation stenosis of neural canal of lumbar region
M4638	Infection of intervertebral disc (pyogenic), sacral and sacrococcygeal region	M9924	Subluxation stenosis of neural canal of sacral region
M4639	Infection of intervertebral disc (pyogenic), multiple sites in spine	M9925	Subluxation stenosis of neural canal of pelvic region
M4640	Discitis, unspecified, site unspecified	M9926	Subluxation stenosis of neural canal of lower extremity
M4641	Discitis, unspecified, occipito-atlanto-axial region	M9927	Subluxation stenosis of neural canal of upper extremity
M4642	Discitis, unspecified, cervical region	M9928	Subluxation stenosis of neural canal of rib cage
M4643	Discitis, unspecified, cervicothoracic region	M9929	Subluxation stenosis of neural canal of abdomen and other regions
M4644	Discitis, unspecified, thoracic region	M9932	Osseous stenosis of neural canal of thoracic region
M4645	Discitis, unspecified, thoracolumbar region	M9933	Osseous stenosis of neural canal of lumbar region
M4646	Discitis, unspecified, lumbar region	M9934	Osseous stenosis of neural canal of sacral region
M4647	Discitis, unspecified, lumbosacral region	M9935	Osseous stenosis of neural canal of pelvic region
M4648	Discitis, unspecified, sacral and sacrococcygeal region	M9936	Osseous stenosis of neural canal of lower extremity
M4649	Discitis, unspecified, multiple sites in spine	M9937	Osseous stenosis of neural canal of upper extremity
M4650	Other infective spondylopathies, site unspecified	M9938	Osseous stenosis of neural canal of rib cage

Cauda equina syndrome, spinal epidural abscess, and cord compression diagnosis codes: (BPEXCLUDECES)

M4651	Other infective spondylopathies, occipito-atlanto-axial region	M9939	Osseous stenosis of neural canal of abdomen and other regions
M4652	Other infective spondylopathies, cervical region	M9942	Connective tissue stenosis of neural canal of thoracic region
M4653	Other infective spondylopathies, cervicothoracic region	M9943	Connective tissue stenosis of neural canal of lumbar region
M4654	Other infective spondylopathies, thoracic region	M9944	Connective tissue stenosis of neural canal of sacral region
M4655	Other infective spondylopathies, thoracolumbar region	M9945	Connective tissue stenosis of neural canal of pelvic region
M4656	Other infective spondylopathies, lumbar region	M9946	Connective tissue stenosis of neural canal of lower extremity
M4657	Other infective spondylopathies, lumbosacral region	M9947	Connective tissue stenosis of neural canal of upper extremity
M4658	Other infective spondylopathies, sacral and sacrococcygeal region	M9948	Connective tissue stenosis of neural canal of rib cage
M4659	Other infective spondylopathies, multiple sites in spine	M9949	Connective tissue stenosis of neural canal of abdomen and other regions
M47011	Anterior spinal artery compression syndromes, occipito-atlanto-axial region	M9952	Intervertebral disc stenosis of neural canal of thoracic region
M47012	Anterior spinal artery compression syndromes, cervical region	M9953	Intervertebral disc stenosis of neural canal of lumbar region
M47013	Anterior spinal artery compression syndromes, cervicothoracic region	M9954	Intervertebral disc stenosis of neural canal of sacral region
M47014	Anterior spinal artery compression syndromes, thoracic region	M9955	Intervertebral disc stenosis of neural canal of pelvic region
M47015	Anterior spinal artery compression syndromes, thoracolumbar region	M9956	Intervertebral disc stenosis of neural canal of lower extremity
M47016	Anterior spinal artery compression syndromes, lumbar region	M9957	Intervertebral disc stenosis of neural canal of upper extremity
M47019	Anterior spinal artery compression syndromes, site unspecified	M9958	Intervertebral disc stenosis of neural canal of rib cage
M47021	Vertebral artery compression syndromes, occipito-atlanto-axial region	M9959	Intervertebral disc stenosis of neural canal of abdomen and other regions

Stones of Digestive system with or without obstruction: (BPXCLUDEGALLSTONE)

K8000	Calculus of gallbladder with acute cholecystitis without obstruction	K8044	Calculus of bile duct with chronic cholecystitis without obstruction
K8001	Calculus of gallbladder with acute cholecystitis with obstruction	K8045	Calculus of bile duct with chronic cholecystitis with obstruction
K8010	Calculus of gallbladder with chronic cholecystitis without obstruction	K8046	Calculus of bile duct with acute and chronic cholecystitis without obstruction
K8011	Calculus of gallbladder with chronic cholecystitis with obstruction	K8047	Calculus of bile duct with acute and chronic cholecystitis with obstruction
K8012	Calculus of gallbladder with acute and chronic cholecystitis without obstruction	K8050	Calculus of bile duct without cholangitis or cholecystitis without obstruction
K8013	Calculus of gallbladder with acute and chronic cholecystitis with obstruction	K8051	Calculus of bile duct without cholangitis or cholecystitis with obstruction
K8018	Calculus of gallbladder with other cholecystitis without obstruction	K8060	Calculus of gallbladder and bile duct with cholecystitis, unspecified, without obstruction
K8019	Calculus of gallbladder with other cholecystitis with obstruction	K8061	Calculus of gallbladder and bile duct with cholecystitis, unspecified, with obstruction
K8020	Calculus of gallbladder without cholecystitis without obstruction	K8062	Calculus of gallbladder and bile duct with acute cholecystitis without obstruction
K8021	Calculus of gallbladder without cholecystitis with obstruction	K8063	Calculus of gallbladder and bile duct with acute cholecystitis with obstruction
K8030	Calculus of bile duct with cholangitis, unspecified, without obstruction	K8064	Calculus of gallbladder and bile duct with chronic cholecystitis without obstruction
K8031	Calculus of bile duct with cholangitis, unspecified, with obstruction	K8065	Calculus of gallbladder and bile duct with chronic cholecystitis with obstruction
K8032	Calculus of bile duct with acute cholangitis without obstruction	K8066	Calculus of gallbladder and bile duct with acute and chronic cholecystitis without obstruction
K8033	Calculus of bile duct with acute cholangitis with obstruction	K8067	Calculus of gallbladder and bile duct with acute and chronic cholecystitis with obstruction
K8034	Calculus of bile duct with chronic cholangitis without obstruction	K8070	Calculus of gallbladder and bile duct without cholecystitis without obstruction
K8035	Calculus of bile duct with chronic cholangitis with obstruction	K8071	Calculus of gallbladder and bile duct without cholecystitis with obstruction

Stones of Digestive system with or without obstruction: (BPEXCLUDEGALLSTONE)

K8036	Calculus of bile duct with acute and chronic cholangitis without obstruction	K8080	Other cholelithiasis without obstruction
K8037	Calculus of bile duct with acute and chronic cholangitis with obstruction	K8081	Other cholelithiasis with obstruction
K8040	Calculus of bile duct with cholecystitis, unspecified, without obstruction	K810	Acute cholecystitis
K8041	Calculus of bile duct with cholecystitis, unspecified, with obstruction	K811	Chronic cholecystitis
K8042	Calculus of bile duct with acute cholecystitis without obstruction	K812	Acute cholecystitis with chronic cholecystitis
K8043	Calculus of bile duct with acute cholecystitis with obstruction	K819	Cholecystitis, unspecified

Calculus of Urinary Tract System: (BP EXCLUDE KIDNEY STONE)

N132	Hydronephrosis with renal and ureteral calculous obstruction	N202	Calculus of kidney with calculus of ureter
N200	Calculus of kidney	N209	Urinary calculus, unspecified
N201	Calculus of ureter		