

## 2023 NVI PROCEDURES

PROCEDURE DESCRIPTION	Guidance	CPT code(s)	Exam Description	Exam Code	Linked Charges
<b>BIOPSY</b>					
Abdominal biopsy	US guided	49180, 76942	US ABDOMEN BX	UABDBX	04900800 - 49180 04020057 - 76942
	CT guided	49180, 77012	CT ABDOMEN RETROP NEEDLE BX	CABDBX	04900800 - 49180 03500066 - 77012
Retroperitoneal biopsy	US guided	49180, 76942	US RETROPERITONEAL BX	URETBX	04900800 - 49180 04020057 - 76942
	CT guided	49180, 77012	CT ABDOMEN RETROP NEEDLE BX	CABDBX	04900800 - 49180 03500066 - 77012
Bone biopsy superficial (eg, ilium, sternum, spinous process, ribs)	US guided	20220, 76942			
	CT guided	20220, 77012	CT SUPERFICIAL BONE BX	CBONBS	04900271 - 20220 03500066 - 77012
Bone biopsy deep (eg, vertebral body, femur)	US guided	20225, 76942			
	CT guided	20225, 77012	CT DEEP BONE BX	CBONBX	04900272 - 20225 03500066 - 77012
FNA	US guided	10005 - 1st lesion 10006 - each addt lesion	US FINE NEEDLE ASPIRATION	UFNA	03611530 - 10005
	CT guided	10009 - 1st lesion 10010 - each addt lesion			
	NO guidance	10021 - 1st lesion 10004 - each addt lesion			
Liver Biopsy	US guided	47000, 76942	US LIVER BX PERC NEEDLE W RAD	ULIVBN	04900771 - 47000 04020057 - 76942
	CT guided	47000, 77012	CT LIVER BX	CLIVBX	04900771 - 47000 03500066 - 77012
	CT guided	47001, 77012	CT LIVER BX W PROCEDURE	CLIVBP	04900772 - 47001 03500066 - 77012
Lung or mediastinum biopsy	US guided	32408	US CHEST BX	UCHESTBX	03611647 - 32408
	CT guided	32408	CT LUNG NEEDLE BX	CLUNBX	03611647 - 32408
Lymph node biosy	US guided	38505, 76942	US LYMPH NODE BX	ULYMPBX	04900715 - 38505 04020057 - 76942
	CT guided	38505, 77012	CT LYMPH NODE NEEDLE BX	CLYMBX	03500066 - 38505 04900715 - 77012
Muscle/soft tissue biopsy	US guided	20206, 76942	US BIOPSY - SOFT TISSUE OR MUSCLE	USOFT	04900270 - 20206 04020057 - 76942
	CT guided	20206, 77012	CT MUSCLE BX PERCUTANEOUS	CMUSBX	04900270 - 20206 03500066 - 77012
Pancreas biopsy	US guided	48102, 76942	US PANCREAS BX W RAD	UPANBR	04900791 - 48102 04020057 - 76942
			US PANCREAS TX BX	UPANBG	04900791 - 48102 04020057 - 76942
	CT guided	48102, 77012	CT PANCREAS NEEDLE BX	CPANBX	04900791 - 48102 03500066 - 77012

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	CT guided	48102, 77012	CT PANCREAS TRANSPLANT BX	CPANTXBR	04900791 - 48102 03500066 - 77012

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Pleura biopsy	US guided	32400, 76942			
	CT guided	32400, 77012	CT PLEURA NEEDLE BX	CPLEBX	04900516 - 32400 03500066 - 77012
Prostate biopsy	US guided	55700, 76942			
	CT guided	55700, 77012	CT PROSTATE BX	CPROBX	04900908 - 55700 03500066 - 77012
Renal biopsy	US guided	50200, 76942	US RENAL NATIVE BX	URENBXNAT	04900821 - 50200 04020057 - 76942
			US RENAL NEEDLE BX PERC	URENBP	04900821 - 50200 04020057 - 76942
			US RENAL TX BX	URENBX	04900821 (50200) 04020057 (76942)
			US RENAL TX BX W DOPPLER	URENBD	04020023 - 76776 04900821 (50200) 04020057 (76942)
	CT guided	50200, 77012	CT RENAL NEEDLE BX	CRENBX	04900821 - 50200 03500066 - 77012
Thyroid biopsy	US guided	60100, 76942	US THYROID CORE BX	UTHYBC	04900978 - 60100 04020057 - 76942
	CT guided	60100, 77012	CT THYROID NEEDLE CORE BX	CTHYBX	04900978 - 60100 03500066 - 77012
Thyroid FNA	US guided	10005 - 1st lesion 10006 - each addt lesion	US THYROID FNA	UTHYFNA	03611530 - 10005
Bone Marrow Biopsy		38221			
Bone Marrow Biopsy/Aspiration		38222			
Spine biopsy/Aspiration	CT guided	20225 - vertebral body/sacral 20206 - muscle/soft tissue 62267 - aspiration, intervertebral disk/paravertebral tissue	CT NEEDLE GUIDE BX SPINE	CSPINEBX	none - assigned by coder
Pelvis biopsy	CT guided	20225 - bone 20206 - muscle/soft tissue 10009 - FNA	CT PELVIC BX	CPEL BX	none - assigned by coder
Biopsy, Other sites	CT guided		CT GUIDED NEEDLE BX S I	CGBXSI	none - assigned by coder
			CT SCAN FOR NEEDLE BX	CBIOPSY	none - assigned by coder
	US guided		US GUIDED NEEDLE PLACEMENT	UGUIDE	none - assigned by coder

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PROCEDURE DESCRIPTION	Guidance	CPT code(s)	Exam Description	Exam Code	Linked Charges
<b>DRAINS</b>					
Abscess or Seroma Drainage, with imaging guidance (any area) (drainage catheter left in place)	US guided	10030	US ABSCESS DRAIN W CATH	UABSDG	none - assigned by coder
Pleural drainage, with insertion of indwelling catheter; <u>without imaging guidance</u>	NO guidance	32556			
Pleural drainage, with insertion of indwelling catheter; <u>with imaging guidance</u>	CT guided	32557	CT THORACOSTOMY TUBE	CTHORE	04907794 - 32557
Drain Placement (eg, abscess, hematoma, seroma, lymphocele, cyst); <u>visceral</u> (eg, kidney, liver, spleen, lung/mediastinum)	CT guided	49405	CT HEPATIC DRAIN	CHEPDR	04907915 - 49405
			CT PANCREAS DRAIN	CPANDR	04907915 - 49405
			CT PNEUMONOSTOMY DRAIN	CPNEDR	04907915 - 49405
			CT RENAL ABSCESS DRAIN	CRENDR	04907915 - 49405
	US guided	49405	US ABSCESS DRAIN W CATH	UABSDG	none - assigned by coder
Drain Placement (eg, abscess, hematoma, seroma, lymphocele, cyst); <u>peritoneal or retroperitoneal</u>	CT guided	49406	CT PERITONEAL DRAIN	CPOEDR	04907916 - 49406
			CT RETROPERITONEAL DRAIN	CRETDR	04907916 - 49406
			CT SUBPHRENIC ABSCESS DRAIN	CSUBDR	04907916 - 49406
			CT APPENDIX ABCESS DRAIN	CAPPDR	04907916 - 49406
	US guided	49406	US RENAL PERIRENAL ABCESS DRN	URENAD	04907916 - 49406
			US ABSCESS DRAIN W CATH	UABSDG	none - assigned by coder
Exchange of previously placed abscess or cyst drainage catheter under radiological guidance	Any	49423, 75984			

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PROCEDURE DESCRIPTION	Guidance	CPT code(s)	Exam Description	Exam Code	Linked Charges
<b>ASPIRATION/INJECTION</b>					
Bone Marrow Aspiration		38220			
Aspiration of abscess, hematoma, bulla, or cyst (any area)	US guided	10160, 76942			
	CT guided	10160, 77012	<b>CT GUIDED ASPIRATION</b>	CGASP	04900011 - 10160 03500066 - 77012
Insertion of indwelling tunneled pleural catheter with cuff	Any	32550, 75989			
Thoracentesis, needle or catheter, aspiration of the pleural space; <u>without imaging guidance</u>	NO guidance	32554			
Thoracentesis, needle or catheter, aspiration of the pleural space; <u>with imaging guidance</u>	US guided	32555	<b>US THORACENTESIS LEFT</b>	UTHORL	04907793 - 32555
		32555	<b>US THORACENTESIS RIGHT</b>	UTHORR	04907793 - 32555
	CT guided	32555	<b>CT THORACENTESIS LEFT</b>	CTHORL	04907793 - 32555
		32555	<b>CT THORACENTESIS RIGHT</b>	CTHORR	04907793 - 32555
Injection of air or contrast into peritoneal cavity		49400			
Aspiration of bladder, with insertion of suprapubic catheter		51102			
Paracentesis, <u>with imaging guidance</u>	US guided	49083	<b>US ABDOMINAL PARACENTESIS</b>	UABDP	04902020 - 49083
Aspiration and/or injection of renal cyst or pelvis	US guided	50590, 76942	<b>US RENAL CYST ASPIRATION</b>	URENCA	04900828 - 50390 04020057 - 76942
	CT guided	50590, 77012	<b>CT RENAL PELVIC ASPIRATION</b>	CRENAS	04900828 - 50390 03500066 - 77012

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PROCEDURE DESCRIPTION	Guidance	CPT code(s)	Exam Description	Exam Code	Linked Charges
<b>CHEMODENERVATION (Botox Injection)</b>					
Chemodenervation: muscle(s) innervated by facial nerve, <u>unilateral</u>	US Guided	64612, 76942			
Chemodenervation; muscle(s) innervated by facial, trigeminal, cervical spinal and accessory nerves, bilateral	US Guided	64615, 76942			
Chemodenervation of muscle(s); neck muscle(s), excluding muscles of the larynx, unilateral (eg, for cervical dystonia, spasmodic torticollis)	US Guided	64616, 76942	<b>US CHEMODENERVATION OF NECK MUSCLE</b>	UCHEMNK	04907919 - 64616 04020057 - 76942
	CT Guided	64616, 77012	<b>CT CHEMODENERVATION OF NECK MUSCLE</b>	CCHEMNK	04907919 - 64616 03500066 - 77012
Chemodenervation of extremity	US Guided	64642 - 1-4 muscle(s) 64643 - each addt extremity, 1-4 muscle(s) 64644 - 5 or more muscle(s) 64645 - each addt extremity, 5 or more muscle(s) 76942 - US guide	<b>US CHEMODENERVATION OF EXTREMITY</b>	UCHEMOEXT	04907921 - 64642 04020057 - 76942
	CT Guided	64642, 77012	<b>CT CHEMODENERVATION OF EXTREMITY</b>	CCHEMOEXT	04907921 - 64642 03500066 - 77012
Chemodenervation of trunk muscle(s)	US Guided	64646 - 1-5 muscle(s) 64647 - 6 or more muscle(s) 76942 - US guide	<b>US CHEMODENERVATION OF ABDOMINAL MUSCLE(S)</b>	UCHEMOABD	04907925 - 64646 04020057 - 76942
			<b>US CHEMO DENERVATION OF CHEST MUSCLE(S)</b>	UCHEMOCHE	04907925 - 64646 04020057 - 76942
	CT Guided	64646 - 1-5 muscle(s) 64647 - 6 or more muscle(s) 77012- US guide	<b>CT CHEMODENERVATION OF ABDOMINAL MUSCLE(S)</b>	CCHEMOABD	04907925 - 64646 03500066 - 77012
			<b>CT CHEMO DENERVATION OF CHEST MUSCLE(S)</b>	CCHEMOCHE	04907925 - 64646 03500066 - 77012
EMG		95874	<b>US ELECTROMYOGRAPHY W CHEMODENERVATION</b>	UCHEMNEED	09220015 - 95874

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PROCEDURE DESCRIPTION	Guidance	CPT code(s)	Exam Description	Exam Code	Linked Charges
<b>ABLATION</b>					
Bone - RFA	Any	20982			
Bone - Cryoablation	Any	20983			
Pulmonary, unilateral - RFA	Any	32998	<b>CT LUNG ABLATION</b>	CLUNGABLAT	04900524 - 32998
Pulmonary, unilateral - Cryoablation	Any	32994			
Liver - RFA	US guided	47382, 76940			
	CT guided	47382, 77013	<b>CT LIVER ABLATION</b>	CLIVABLAT	04900777 - 47382 03500067 - 77013
Liver - Cryoablation	US guided	47383, 76940			
	CT guided	47383, 77013			
Renal, unilateral - RFA	US guided	50592, 76940			
	CT guided	50592, 77013	<b>CT RENAL ABLATION</b>	CRENABLAT	04900835 - 50592 03500067 - 77013
Renal, unilateral - Cryoablation	US guided	50593, 76940			
	CT guided	50593, 77013			
Ethanol ablation of cervical lymph nodes	US guided	38999, 76940	<b>US CERVICAL ABLATION/INJECTION</b>	UCERVLYMAB	04901848 - 38999 03200247 - 76940
Thyroid - RFA	US guided	60699, 76940			
US Guided Ablation	US guided		<b>US ABDOMEN ABLAT TUMOR CYST</b>	UABSAB	none - assigned by coder

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<b>SPINE</b>					
Spinal Puncture, therapeutic, w/ imaging guidance	CT guided	62329	CT L SPINAL PUNCTURE TX	CSPIPT	03611600 - 62329
Sacroiliac Joint Injection	CT guided	27096	CT SACROILIAC INJECTION	CSACJ3	07610268 - 27096
Celiac Plexus Injection	CT guided	64530, 77012	CT CELIAC PLEXUS INJECTION	CCELPLX	04901057 - 64530 03500066 - 77012
Rhizotomy (destruction by neurolytic agent, paravertebral facet joint nerves, <b>cervical/thoracic</b> , w/imaging guidance)	CT guided	64633 - single facet joint 64634 - each addt	CT CERVICAL THORACIC RHIZOTOMY	CSPCTRHIZ	04902024 - 64633
Rhizotomy (destruction by neurolytic agent, paravertebral facet joint nerves, <b>lumbar/sacral</b> , w/imaging guidance)	CT guided	64635 - single facet joint 64636 - each addt	CT LUMBAR SACRAL SPINE RHIZOTOMY	CSPLSRHIZ	04902026 - 64635
ESI, <b>cervical/thoracic</b> ; w/ imaging guidance	CT guided	62321	CT CERVICAL THORACIC SPINE EPI INJ	CSPCTEPI	03611444 - 62321
ESI, <b>lumbar/sacral</b> ; w/ imaging guidance	CT guided	62323	CT LUMBAR SACRAL SPINE EPI INJ	CSPLSEPI	03611446 - 62323
Facet Injection, <b>cervical/thoracic</b> , w imaging guidance	CT guided	64490 - single level 64491 - 2nd level 64492 - 3rd and any addt level	CT CERVICAL THORACIC SPINE FACET INJ	CSPCTFAC	04901543 - 64490
Facet Injection <b>lumbar/sacral</b> , w/ imaging guidance	CT guided	64493 - single level 64494 - 2nd level 64495 - 3rd and any addt level	CT LUMBAR SACRAL SPINE FACET INJ	CSPLSFAC	04901546 - 64493
Medial Branch Block, <b>cervical/thoracic</b> , w imaging guidance	CT guided	64490 - single level 64491 - 2nd level 64492 - 3rd and any addt level	CT CERVICAL THORACIC SPINE MEDIAL BRANCH BLOCK	CSPCTMBB	04901543 - 64490
Medical Branch Block, <b>lumbar/sacral</b> , w/ imaging guidance	CT guided	64493 - single level 64494 - 2nd level 64495 - 3rd and any addt level	CT LUMBAR SACRAL SPINE MEDIAL BRANCH BLOCK	CSPLSMBB	04901546 - 64493
Transforaminal Epidural Nerve Root Block, <b>cervical/thoracic</b> , w/imaging guidance	CT guided	64479 - single level 64480 - each addt level	CT CERVICAL THORACIC TRANSFORAMINAL NERVE ROOT INJ	CSPCTNRI	04901049 - 64479
Transforaminal Epidural Nerve Root Block, <b>lumbar/sacral</b> , w/ imaging guidance	CT guided	64483 - single level 64484 - each addt level	CT LUMBAR SACRAL TRANSFORMINAL NERVE ROOT INJ	CSPLSNRI	04901051 - 64483

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<b>JOINTS</b>					
Injection/Aspiration, <b>SMALL</b> joint	US guided	20604	US SMALL JOINT ARTHROCENT; HAND, FOOT	UJTSAR	03611224 - 20604
	CT guided	20600, 77012	CT GUIDED SMALL JOINT INJECTION LEFT	CJOINTSNJL	04900284 - 20600 03500066 - 77012
			CT GUIDED SMALL JOINT INJECTION RIGHT	CJOINTSNJR	04900284 - 20600 03500066 - 77012
Injection/Aspiration, <b>INTERMEDIATE</b> joint	US guided	20606	US INTERMED JOINT ARTHROCENT; ANKLE/WRIST	UJTIAR	03611225 - 20606
	CT guided	20605, 77012	CT GUIDED INTERMED JOINT INJECTION LEFT	CJOINTINJL	04900285 - 20605 03500066 - 77012
			CT GUIDED INTERMED JOINT INJECTION RIGHT	CJOINTINJR	04900285 - 20605 03500066 - 77012
Injection/Aspiration, <b>LARGE</b> joint	US guided	20611	US MAJOR JOINT ARTHROCENT; HIP, KNEE, SHLDR	UJTMAR	03611226 - 20611
	CT guided	20610, 77012	CT LARGE JOINT ASPIRATION	CJOIAS	04900286 - 20610 03500066 - 77012
<b>OTHER PROCEDURES</b>					
Fiducal Marker Placement	US guided	49411, 76942	US GUIDED FIDUCIAL(S) PLACEMENT	UFID	04901542 - 49411 04020057 - 76942
	CT guided	49411, 77012	CT GUIDED FIDUCIAL(S) PLACEMENT	CFID	04901542 - 49411 03500066 - 77012
Pudental Nerve Block	CT guided	64430, 77012	CT GUIDED PUDENDAL NERVE BLOCK	CTPNB	04901038 - 64430 03500066 - 77012
Lymph Node Vaccine Injection	US guided	38999, 76942	US GUIDED INJECTION	UINJ	09600395 - 38999 03611627 - 76942
			CT GUIDE FLUORO LOCALIZATION	CGFLL	none - assigned by coder