
SEER Site-Specific Coding Guidelines
KIDNEY, RENAL PELVIS, AND URETER
Kidney C649, Renal Pelvis C659, Ureter C669

Equivalent or Equal Terms

- **Multifocal** and **multicentric**
- **Renal cell carcinoma (RCC)** and **hypernephroma (obsolete term)**
- **Tumor, mass, lesion** and **neoplasm**

Priority Rules for Grading Kidney Cancer

1. Fuhrman grade
2. Nuclear grade
3. Terminology (well diff, mod diff)
4. Histologic grade (grade 1, grade 2)

These prioritization rules do not apply to Wilm's tumor (8960).

Kidney (Renal Parenchyma)**C64.9**

C64.9 Kidney, NOS (Renal parenchyma)

Note: Laterality must be coded for this site.**Kidney Parenchyma****CS Tumor Size**

Note: Code the specific tumor size as documented in the medical record. If the ONLY information regarding tumor size is the physician's statement of the T category, assign code 994, 995, 996 or 997. (Refer to the CS Extension table for instructions on coding extension).

Code	Description
000	No mass/tumor found
001-988	001 - 988 millimeters (code exact size in millimeters)
989	989 millimeters or larger
990	Microscopic focus or foci only and no size of focus given
991	Described as "less than 1 cm"
992	Described as "less than 2 cm," or "greater than 1 cm," or "between 1 cm and 2 cm"
993	Described as "less than 3 cm," or "greater than 2 cm," or "between 2 cm and 3 cm"
994	Described as "less than 4 cm," or "greater than 3 cm," or "between 3 cm and 4 cm" Stated as T1a with no other information on tumor size
995	Described as "less than 5 cm," or "greater than 4 cm," or "between 4 cm and 5 cm" Stated as T1b with no other information on tumor size
996	Described as "7 cm or less" Stated as T1 [NOS] with no other information on tumor size
997	Described as "greater than 7 cm" Stated as T2 [NOS] or T2a with no other information on tumor size

Code	Description
998	Described as "greater than 10 cm" Stated as T2b with no other information on tumor size
999	Unknown; size not stated Not documented in patient record

Kidney Parenchyma

CS Extension

Note 1: The parenchyma of the kidney includes the following structures: cortex (outer layer of kidney) and renal columns; medulla, medullary rays, renal pyramids, and renal papillae; nephrons (renal corpuscle, loops of Henle, proximal and distal tubules, collecting duct), glomerulus, and Bowman's capsule. The most common site for renal parenchymal cancer to develop is in the proximal convoluted tubule. Tumor extension from one of these structures into another would be coded to 100 unless there were further signs of involvement.

Note 2: Information about invasion beyond the capsule, venous involvement, and ipsilateral adrenal gland involvement is collected in this field and in Site-Specific Factors 1, 2 and 3 because beyond contributing to the overall assessment of extent of tumor, these factors can have an independent effect on prognosis.

Note 3: ONLY assign code 300 (localized, NOS) when no further information is available to assign code 100, 200 or 310-360.

Note 4: If the ONLY information regarding tumor extension is the physician's statement of the T category, assign code 310-360, 605, 610, 620, 625 or 810. (Refer to CS Tumor Size table for instructions on coding tumor size if assigning code 310-360).

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
000	In situ	TX	TX	IS	IS
100	Invasive cancer confined to kidney cortex and/or medulla	^	*	L	L
200	Invasion of renal capsule Renal pelvis or calyces involved Separate focus of tumor in renal pelvis/calyx	^	*	L	L
300	Localized, NOS	^	*	L	L
310	Stated as T1a with no other information on extension	^	*	L	L

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
320	Stated as T1b with no other information on extension	^	*	L	L
330	Stated as T1 [NOS] with no other information on extension	^	*	L	L
340	Stated as T2a with no other information on extension	^	*	L	L
350	Stated as T2b with no other information on extension	^	*	L	L
360	Stated as T2 [NOS] with no other information on extension	^	*	L	L
390	OBSOLETE DATA CONVERTED V0200 See code 625 Stated as T3, NOS	ERROR	ERROR	ERROR	ERROR
400	OBSOLETE DATA RETAINED V0200 Adrenal (suprarenal gland), ipsilateral reclassified in AJCC 7th Edition; see codes 450 and 630 Adrenal (suprarenal) gland, ipsilateral Perirenal (perinephric) tissue/fat Renal (Gerota's) fascia Renal sinus fat Retroperitoneal soft tissue	ERROR	T3a	RE	RE
450	Perirenal (perinephric) tissue/fat Renal (Gerota's) fascia Renal sinus fat Retroperitoneal soft tissue	T3a	T3a	RE	RE
600	OBSOLETE DATA RETAINED V0200	ERROR	T3b	RE	RE

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
600 cont'd	Blood vessels reclassified in AJCC 7th Edition; see codes 601 and 610 Blood vessels: Extrarenal portion of renal vein or segmental (muscle containing) branches Hilar blood vessel Inferior vena cava below diaphragm Perirenal vein Renal artery Renal vein, NOS Tumor thrombus in a renal vein, NOS	ERROR	T3b	RE	RE
601	Blood vessels: Extrarenal portion of renal vein or segmental (muscle containing) branches Hilar blood vessel Perirenal vein Renal artery Renal vein, NOS Tumor thrombus in a renal vein, NOS	T3a	T3b	RE	RE
605	Stated as T3a with no other information on extension	T3a	T3a	RE	RE
610	Inferior vena cava below diaphragm Stated as T3b with no other information on extension	T3b	T3b	RE	RE
620	Vena cava above diaphragm or invades the wall of the vena cava Stated as T3c with no other information on extension	T3c	T3c	RE	RE

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
625	Vena cava, NOS Stated as T3 [NOS] with no other information on extension	T3NOS	T3NOS	RE	RE
630	Ipsilateral adrenal (suprarenal) gland (noncontiguous ipsilateral adrenal gland involvement is coded in CS Mets at DX)	T4	T3a	RE	RE
640	630 + (605 and/or 610) Ipsilateral adrenal gland plus blood vessels listed in code 605 and/or inferior vena cava below diaphragm	T4	T3b	RE	RE
645	630 + 620 Ipsilateral adrenal gland plus vena cava above diaphragm/wall of vena cava	T4	T3c	RE	RE
650	Extension beyond Gerota's fascia to: Ascending colon from right kidney Descending colon from left kidney Diaphragm Duodenum from right kidney Peritoneum Tail of pancreas Ureter, including implant(s), ipsilateral Beyond Gerota's fascia, NOS	T4	T4	RE	RE
670	Extension beyond Gerota's fascia to: Psoas muscle Quadratus lumborum muscle	T4	T4	D	RE
700	Ribs	T4	T4	D	D

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
750	Liver Spleen Stomach	T4	T4	D	D
800	Further contiguous extension Aorta Other direct extension	T4	T4	D	D
810	Stated as T4 with no other information on extension	T4	T4	RE	RE
950	No evidence of primary tumor	T0	T0	U	U
999	Unknown extension Primary tumor cannot be assessed Not documented in patient record	TX	TX	U	U

^ For codes 100, 200, 300, 310, 320, 330, 340, 350, and 360 ONLY, the T category for AJCC 7 is assigned based on the value of tumor size, as shown in the Extension Size Table AJCC 7 for this site.

* For codes 100, 200, 300, 310, 320, 330, 340, 350, and 360 ONLY, the T category for AJCC 6 is assigned based on the value of tumor size, as shown in the Extension Size Table AJCC 6 for this site.

Kidney Parenchyma

CS Tumor Size/Ext Eval

See Standard Table

Kidney Parenchyma

CS Lymph Nodes

Note 1: Code only regional nodes and nodes, NOS, in this field. Distant nodes are coded in the field **Mets at DX**.

Note 2: Regional nodes include unilateral, bilateral or contralateral involvement of named node(s).

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
000	No regional lymph node involvement	N0	N0	NONE	NONE
100	Single regional lymph node: Aortic, NOS: Lateral (lumbar) Para-aortic	N1	N1	RN	RN

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
100 cont'd	Periaortic Preaortic Retroaortic Renal hilar Retroperitoneal, NOS Regional lymph node(s), NOS	N1	N1	RN	RN
110	Single regional lymph node: Interaortocaval Pericaval, NOS Paracaval Precaval Retrocaval	N1	N1	D	RN
150	110 + 100 Single regional lymph node as specified in code 110 plus single regional lymph node as specified in code 100	N1	N2	D	RN
400	More than one regional lymph node other than as defined in code 150	N1	N2	D	RN
700	Regional lymph node(s), NOS Stated as N1 with no other information on regional lymph nodes	N1	N1	RN	RN
800	Lymph nodes, NOS	N1	N1	RN	RN
999	Unknown; not stated Regional lymph nodes cannot be assessed Not documented in patient record	NX	NX	U	U

Kidney Parenchyma**Reg LN Pos**

Note: Record this field even if there has been preoperative treatment

See Standard Table

Kidney Parenchyma**Reg LN Exam**

See Standard Table

Kidney Parenchyma**CS Mets at DX**

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
00	No; none	M0	M0	NONE	NONE
10	Distant lymph node(s)	M1	M1	D	D
40	Noncontiguous ipsilateral adrenal (suprarenal) gland metastasis (contiguous involvement is coded in CS Extension code 630) Distant metastases except distant lymph node(s) (code 10) Carcinomatosis	M1	M1	D	D
50	40 + 10 Other distant metastases plus distant lymph node(s)	M1	M1	D	D
60	Distant metastasis, NOS Stated as M1 with no other information on metastases	M1	M1	D	D
99	Unknown if distant metastasis Distant metastasis cannot be assessed Not documented in patient record	M0	MX	U	U