

Kidney Parenchyma**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 1: Code the tumor size as documented in the medical record.

Note 2: The assignment of T1 and T2 categories for tumors limited to the kidney is based on tumor size. A physician's statement of the T category may be used to code CS Tumor Size and/or CS Extension if this is the only information in the medical record regarding one or both of these fields. However the two fields are coded independently: for example the record may document size but not extension, other than the physician's statement of the T category. Use codes 994-998 as appropriate to code CS Tumor Size based on a statement of T when no other size information is available.

Code	Description
000	No mass/tumor found
001-988	001 - 988 millimeters (mm); (Exact size to nearest mm)
989	989 millimeters or larger
990	Microscopic focus or foci only and no size of focus given
991	Described as "less than 1 centimeter (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; Size of tumor cannot be assessed 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), renal columns; medulla, medullary rays, renal pyramids, and renal papillae; nephrons (renal corpuscle, loops of Henle, proximal and distal tubules, collecting duct); glomerulus and surrounding 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 is coded 100 in the absence of further involvement.

Note 2: Gerota's fascia is a fibrous tissue sheath surrounding the kidney and suprarenal or adrenal gland. The perirenal fat, renal capsule, and renal parenchyma lie below the fascia.

Note 3: Information about invasion beyond the capsule, venous involvement, and ipsilateral adrenal gland involvement is collected in this field for anatomic staging. This information is also collected in CS Site-Specific Factors 1, 2, and 3 as these factors may have an independent effect on prognosis.

Note 4: AJCC considers "in situ carcinoma of the renal parenchyma" an impossible diagnosis. Any case so coded is mapped to TX for AJCC stage and in situ Summary Stage.

Note 5: Use code 300 (Localized, NOS) only when no further information is available to assign code 100, 200, or 310-360.

Note 6: The assignment of T1 and T2 categories for tumors limited to the kidney is based on tumor size. A physician's statement of the T category may be used to code CS Tumor Size and/or CS Extension if this is the only information in the medical record regarding one or both of these fields. However the two fields are coded independently: for example the record may document size but not extension, other than the physician's statement of the T category. Use codes 310-360, 605-625 or 810 as appropriate to code CS Extension based on a statement of T when no other extension information is available.

Note 7: Direct extension to or other involvement of structures considered M1 in AJCC staging is coded in the data item CS Mets at DX. This includes: contralateral kidney; contralateral ureter; liver from left kidney; spleen from right kidney.

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
000	In situ, intraepithelial, noninvasive	TX	TX	IS	IS
100	Invasive cancer confined to kidney cortex and/or medulla	^	*	L	L

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
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
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	OBSELETE DATA CONVERTED V0200 ; See code 625 Stated as T3, NOS	ERROR	ERROR	ERROR	ERROR
400	OBSELETE DATA RETAINED V0200 Adrenal (suprarenal gland), ipsilateral reclassified in AJCC 7; 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

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
450	OBSOLETE DATA REVIEWED V0203 ; See codes 460 and 660 Perirenal (perinephric) tissue/fat Renal (Gerota's) fascia Renal sinus fat Retroperitoneal soft tissue	T3a	T3a	RE	RE
460	Perirenal (perinephric) tissue/fat Renal (Gerota's) fascia Renal sinus fat	T3a	T3a	RE	RE
600	OBSOLETE DATA RETAINED V0200 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 (IVC) below	T3b	T3b	RE	RE

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
610 cont'd	diaphragm Stated as T3b with no other information on extension	T3b	T3b	RE	RE
620	IVC above diaphragm or invades wall of IVC Stated as T3c with no other information on extension	T3c	T3c	RE	RE
625	IVC, 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 coded in CS Mets at DX)	T4	T3a	RE	RE
640	630 + (601 and/or 610) Ipsilateral adrenal gland plus blood vessels listed in code 601 and/or IVC below diaphragm	T4	T3b	RE	RE
645	630 + 620 Ipsilateral adrenal gland plus IVC above diaphragm or wall of IVC	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
660	Retroperitoneal soft tissue	T4	T4	RE	RE

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
665	660 + any of (460, 601, 610, 620, 625, 630, 640, 645, 650)	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
750	Liver Spleen Stomach	T4	T4	D	D
800	OBsolete DATA RETAINED AND REVIEWED V0203 See codes 460, 601, 610-750, 801, CS Mets at DX codes 20, 55 Further contiguous extension: Aorta Other direct extension	T4	T4	D	D
801	Further contiguous extension: Aorta Other direct extension (except to structures specified in CS Mets at DX code 20)	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 not stated	TX	TX	U	U
999 cont'd	Primary tumor cannot be assessed Not documented in patient record	TX	TX	U	U

^ For CS Extension codes 100-360 ONLY, the T category for AJCC 7 is assigned based on the value of CS Tumor Size, as shown in the Extension Size AJCC 7 Table for this site.

* For CS Extension codes 100-360 ONLY, the T category for AJCC 6 is assigned based on the value of CS Tumor Size, as shown in the Extension Size AJCC 6 Table 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 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	OBSOLETE DATA CONVERTED V0203; See code 210 110 + 100 Single regional lymph node as specified in code 110 plus single regional lymph node as specified in code 100	ERROR	ERROR	ERROR	ERROR
200	MULTIPLE regional lymph nodes listed in code 100	N1	N2	RN	RN

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
210	MULTIPLE regional nodes, any listed in code 110 WITH or WITHOUT nodes listed in code 100	N1	N2	D	RN
400	OBSOLETE DATA RETAINED AND REVIEWED V0203 See codes 200 and 210 More than one regional lymph node other than as defined in code 150	N1	N2	D	RN
700	Regional lymph nodes, NOS Not stated if single or multiple 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; regional lymph nodes not stated Regional lymph nodes cannot be assessed Not documented in patient record	NX	NX	U	U

Kidney Parenchyma
CS Lymph Nodes Eval
See Standard Table

Kidney Parenchyma
Regional Nodes Positive
See Standard Table

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

Kidney Parenchyma
Regional Nodes Examined
See Standard Table

Kidney Parenchyma**CS Mets at DX**

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
00	No distant metastasis	M0	M0	NONE	NONE
10	Distant lymph node(s)	M1	M1	D	D
20	Extension to: Contralateral kidney Contralateral ureter Liver from left kidney Spleen from right kidney	M1	M1	D	D
40	Noncontiguous ipsilateral adrenal (suprarenal) gland metastasis (Contiguous involvement coded in CS Extension); Distant metastasis except distant lymph node(s) Carcinomatosis	M1	M1	D	D
50	OBSOLETE DATA CONVERTED V0203; See code 55; 40 + 10; Distant metastasis plus distant lymph node(s)	ERROR	ERROR	ERROR	ERROR
55	(40 or 20) + 10; Distant metastasis or extension coded in 20 plus distant lymph node(s)	M1	M1	D	D
60	Distant metastasis, NOS Stated as M1 with no other information on distant metastasis	M1	M1	D	D
99	Unknown; distant metastasis not stated Distant metastasis cannot be assessed Not documented in patient record	M0	MX	U	U

Kidney Parenchyma**CS Mets Eval**

See Standard Table