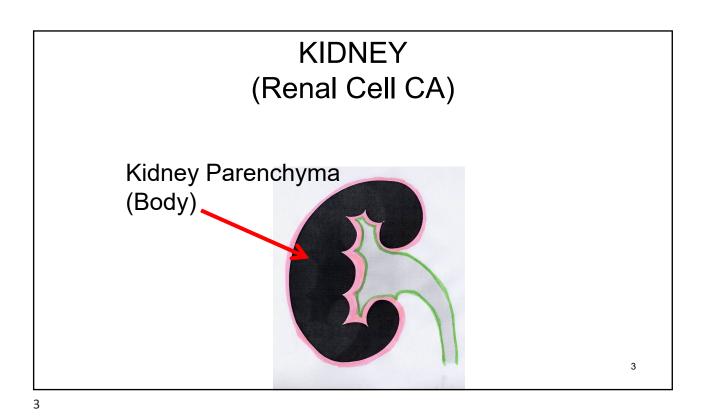
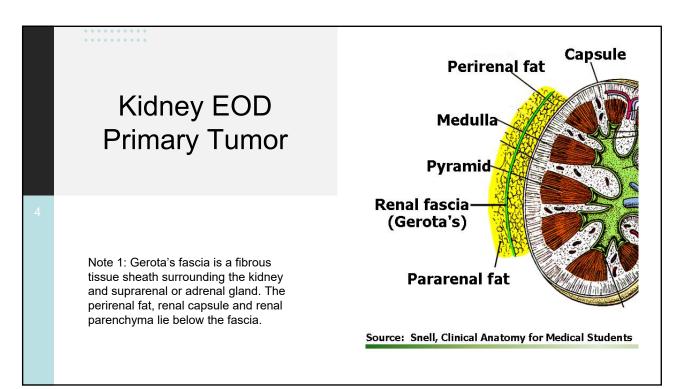
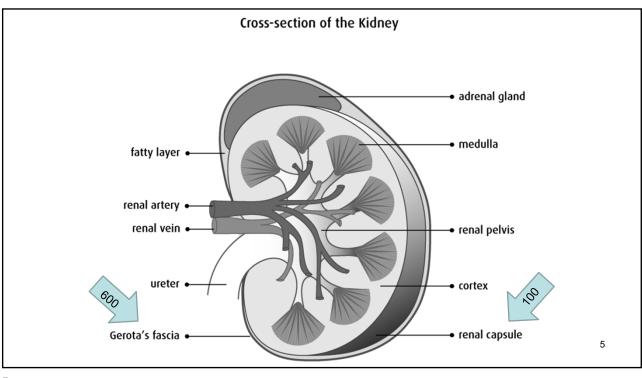
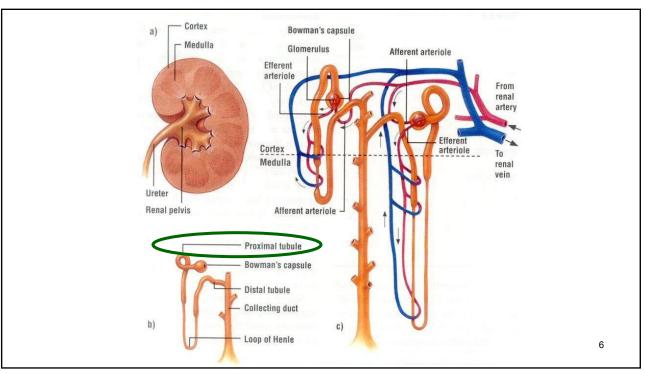


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	Kidney EOD Pri Tumor
Code	Description
000	In situ, intraepithelial, noninvasive
100	Any size tumor, invasion of RENAL Capsule, confined to kidney NOS
200	Blood vessel(s) major
300	Inferior vena cava below diaphragm
400	IVC above diaphragm or invades wall of diaphragm
500	Tumor extends into major veins (excluding ipsilateral adrenal gland)
600	Extension beyond Gerota's fascia to [T4]
700	Aorta Liver Ribs Spleen
800	No evid pri tumor
999	Unknown

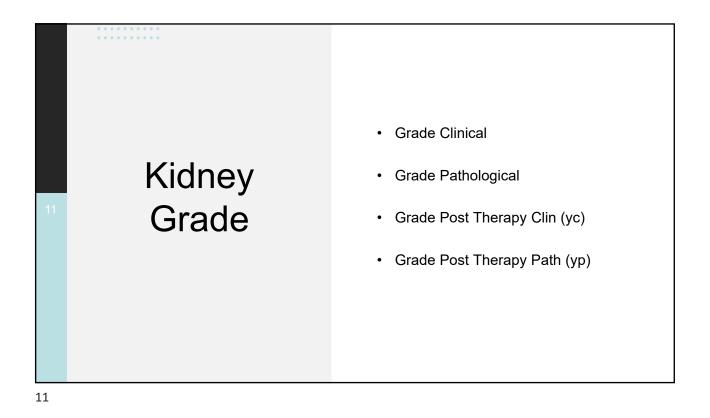
L 7

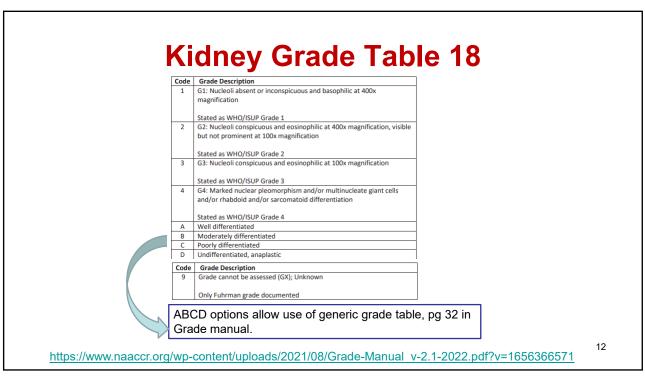
Kidney	EO	D Reg Nodes
Note 1: Only regional	Code	Description
nodes in this field	000	No regional LN involvement
Note 2: Regional nodes include bilateral and contralateral involvement of named nodes	300	Aortic, NOS [see list] Caval, NOS [see list] Renal Hilar Retroperitoneal, NOS
Note 3: Code 800 if regional nodes involved, no	800	Regional lymph node(s), NOS Lymph Nodes, NOS
indication which ones	999	Unknown
		8

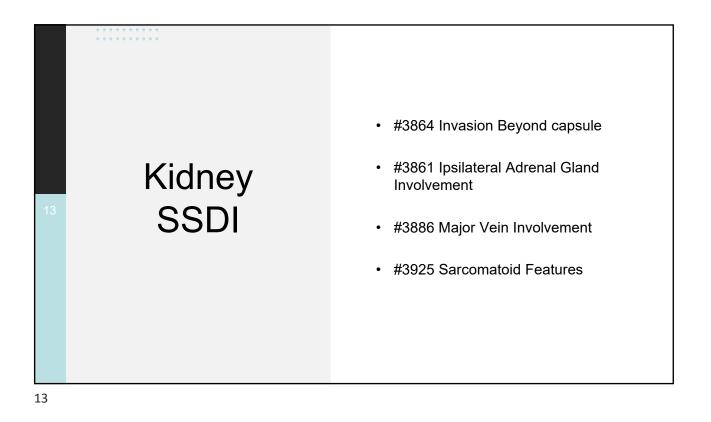
Regional Lymph Nodes

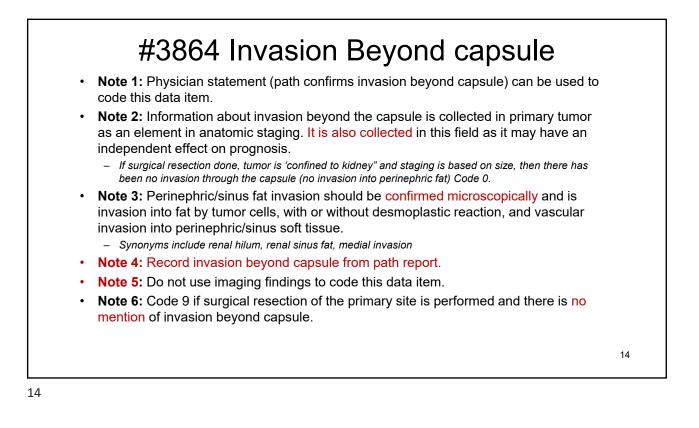
Code	Description
000	No regional lymph node involvement
300	Aortic, NOS > Lateral (lumbar) > Para-aortic > Periaortic > Preaortic > Retroaortic Caval, NOS > Interaortocaval > Paracaval > Pericaval > Precaval > Retrocaval
	Renal hilar Retroperitoneal, NOS

Code	Description
00	No distant mets, **unknown if distant mets
10	Distant lymph nodes, NOS
70	Extension to: Adrenal gland Contralat kidney Contralat ureter Liver Spleen Carcinomatosis Distant mets with our without distant nodes Distant mets NOS
99	DC Only









#3864 Invasion Beyond Capsule

Code	Description
0	Invasion beyond capsule not identified "Confined to Kidney" nos = no invasion into perinephric fat
1	Perinephric (beyond renal capsule) fat or tissue
2	Renal Sinus Incl renal hilum; renal sinus fat, medial invas
3	Gerota's fascia
4	Any combo of codes 1-3
5	Invasion beyond capsule, NOS Default code
9	Not documented in record, invasion beyond capsule not assessed, no mention, or unknown. No surgical resection of pri site performed.

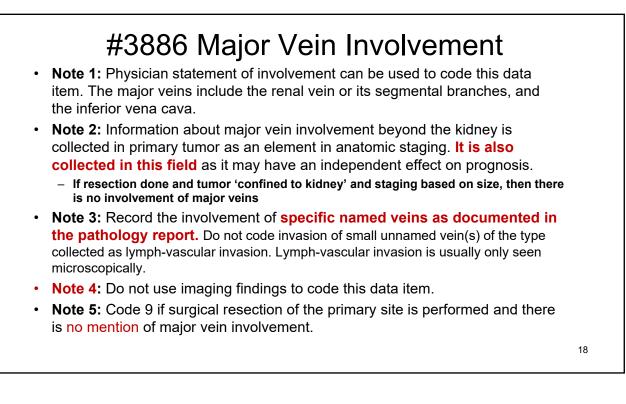
15

#3861 Ipsilateral Adrenal Gland Involvement

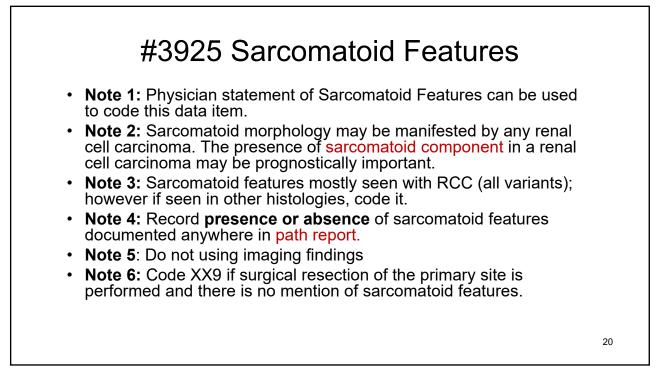
- Note 1: Physician statement of involvement can be used to code this data item.
- **Note 2:** Information about contiguous ipsilateral adrenal gland involvement is collected in primary tumor, and noncontiguous ipsilateral adrenal gland involvement is collected in distant mets, as elements in anatomic staging.
 - If surgical resection done, and tumor is 'confined to kidney" and staging is based on size, then there is no involvement of the adrenal gland.
- Note 3: Record ipsilateral adrenal gland involvement from pathology report.
- Note 4: Do not use imaging findings to code this data item.
- **Note 5:** Code 9 if surgical resection of the primary site is performed and there is no mention of ipsilateral adrenal gland involvement.

#3861	Ipsilateral Adrenal Gland
	Involvement

Code	Description
0	Ipsilateral adrenal gland involvement not present/not identified "confined to kidney" = no involv adrenal gland
1	Adrenal gland involvement by direct involvement (contiguous involvement)
2	Adrenal gland involvement by separate nodule (noncontiguous involvement)
3	Combo of code 1-2
4	Ipsilateral adrenal gland involvement, unkn if direct or separate nodule
9	Not documented in record. Ipsilateral adrenal gland not resected, not assessed or unknown if assessed. No surgical resection of pri site performed.



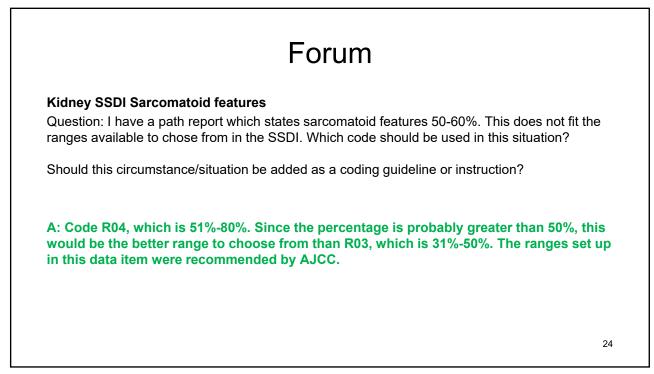
Code	Description
0	Major vein involvement not present/not identified "confined to kidney" = no involv major veins
1	Renal vein or its segmental branches
2	Inferior vena cava (IVC)
3	Major vein invasion, NOS
4	Any combo of codes 1-3
9	Not documented in record. Vein involvement not assessed or unknown if assessed. No surgical resection of pri site performed.

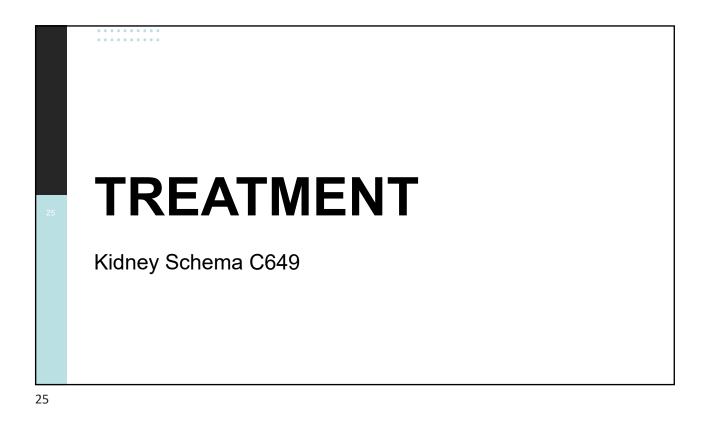


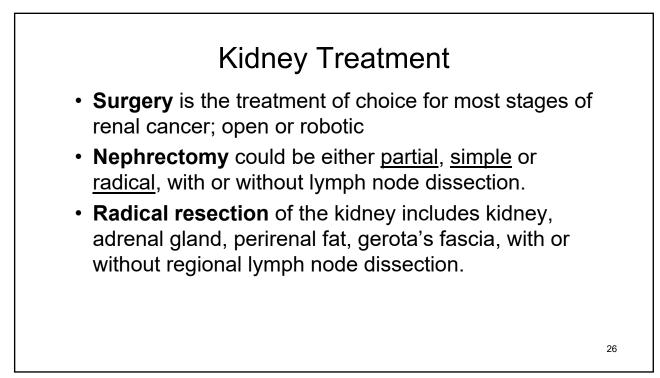
#3	925 Sarcomatoid Features
Code	Description
000 M	Sarcomatoid features not present/not identified ust have statement: absence of sarcomatoid features to code 000.
001-100	Sarcomatoid features 1-100%
R01	Sarcomatoid features stated as <10%
R02	Sarcomatoid features stated as range 10-30% present
R03	Sarcomatoid features stated as a range 31-50% present
R04	Sarcomatoid features stated as > 80%
XX6	Sarcomatoid features present, % unkn
XX7	Not applicable, not a renal cell carcinoma morphology
XX9	Not documented in record. Sarcomatoid features not assessed, unknown if assessed. No surgical resection of pri site performed.

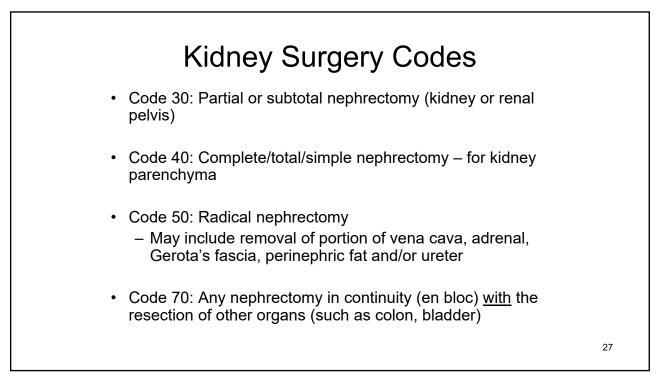
NOS/Specific Histo Term	Synonym	toid features
Renal cell carcinoma NOS 8312 Note 1: WHO, IARC, and CAP agree that sarcomatoid carcinoma is a pattern of differentiation, not a specific subtype, of renal cell carcinoma. Note 2: Sarcomatoid is listed in the CAP Kidney protocol under the header "features." Note 3: Continue coding sarcomatoid renal cell carcinoma as 8312 until otherwise indicated.	RCC Sarcomatoid carcinoma Sarcomatoid renal cell carcinoma Succinate dehydrogenase- deficient renal cell carcinoma (SDHD) Unclassified renal cell carcinoma	 Acquired cystic disease-associated renal cell carcinoma/tubulocystic renal cell carcinoma 8316* Chromophobe renal cell carcinoma (ChRCC) 8317 Clear cell papillary renal cell carcinoma 8323/3 <i>Note:</i> The 2016 WHO 4th Edition Classification of Tumors of the Uninary System and Male Genital Organs has reclassified this histology as a /1 because it is low nuclear grade and is now thought to be a neoplasia. This change has NOT yet been implemented and it remains reportable. Clear cell renal cell carcinoma (ccRCC) 8310 Collecting duct carcinoma 8319 Hereditary leiomyomatosis and renal cell carcinoma associated renal cell carcinoma 8311* MiT family translocation renal cell carcinoma (SDHS) 8311* (reportable beginning 1/1/2022) <i>Note:</i> Hereditary leiomyomatosis and renal cell carcinoma associated renal cell carcinoma, MiT family translocation renal cell carcinoma associated renal cell carcinomas, and succinate dehydrogenase-deficient renal cell carcinoma- associated renal cell carcinomas, and succinate dehydrogenase-deficient renal cell carcinoma- associated renal cell carcinomas and succinate dehydrogenase-deficient renal cell carcinoma- associated renal cell carcinomas and succinate dehydrogenase-deficient renal cell carcinomas and succinate densing 1/1/2022) <i>Note:</i> Hereditary leiomyomatosis and renal cell carcinoma- associated renal cell carcinoma as succinate dehydrogenase-deficient renal cell carcinomas have the same ICD-O code but are distinctly different histologies. Because they are different, they are on different lines in column 3 (see M rules). Mucinous tubular and spindle cell carcinoma 8480* Papillary renal cell carcinoma (PRCC) 8260

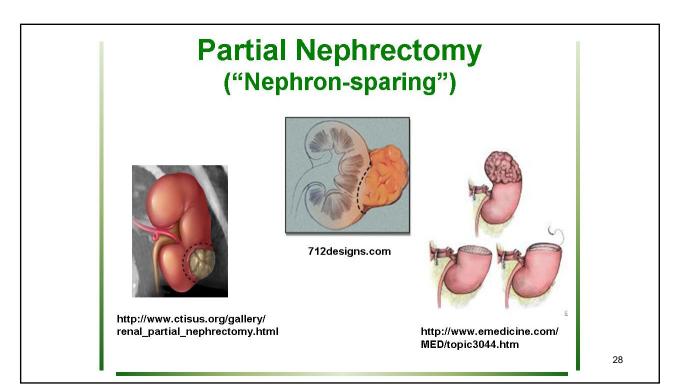
SSDI Kid	ney Sarcomatoid features vs Sarcomatoid differentiation
	For coding the Sarcomatoid features SSDI, is a description of sarcomatoid tion usable?
type with s	from radical nephrectomy reads: Final Diagnosis: Renal cell carcinoma, clear cell sarcomatoid and rhabdoid differentiation. Note: Approximately 40% of the submitted ws sarcomatoid and rhabdoid differentiation. Synoptic report lists sarcomatoid s present.
A: Yes, th	e differentiation description can be used. Code 40.

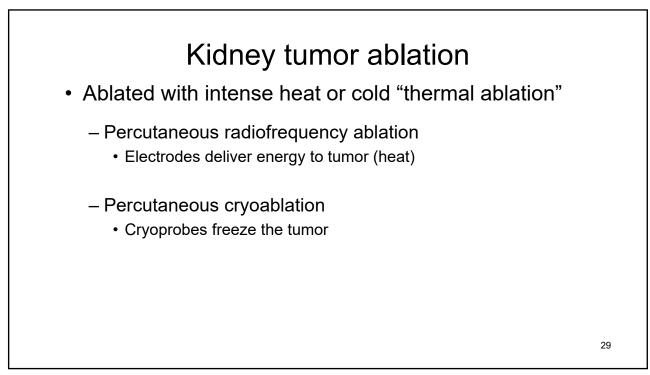


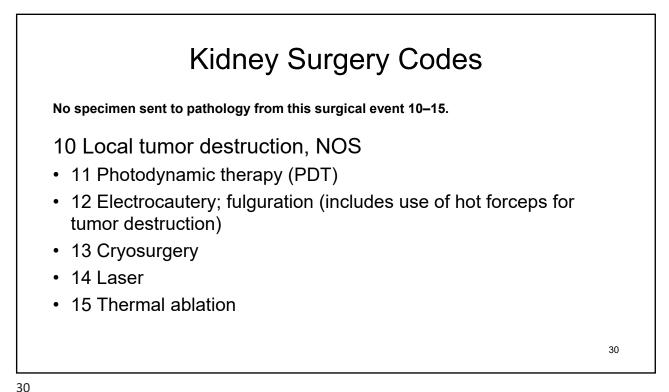


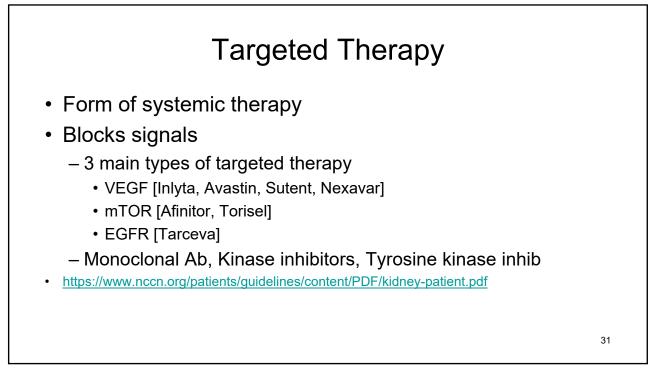












Radiation Therapy

- · Kidney tumors are largely radio-resistant
- · SBRT not used to treat primary kidney cancer
- Radiation therapy is sometimes used palliatively to control bleeding or pain from the primary
- Radiotherapy is also very useful in palliating bone and central nervous system metastases.

Chemotherapy:

• Not standard treatment for kidney cancer

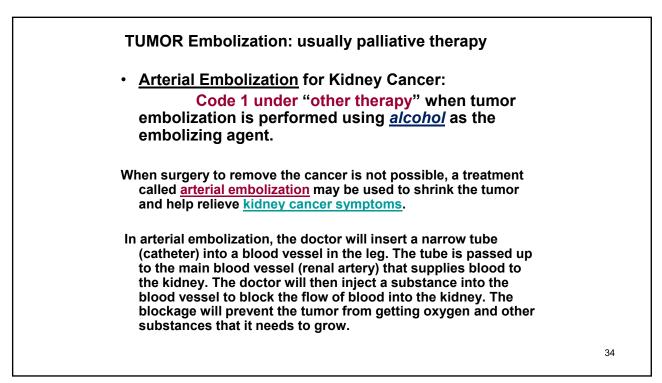
Immunotherapy:

- Interleukin-2
- Monoclonal Antibody like Avelumab, Pembrolizumab

TIP:

- If it ends in mab it is a monoclonal Ab
- If it ends in tinib, it is a TKI
- If it ends in limus, it is an mTOR

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Chemo-embolization

- Chemo drugs are delivered through a catheter along with a blood vessel occluding agent right at the site of the tumor.
- High dose of chemo can be delivered this way
- Code this under CHEMO Treatment

