



FLCCSC LMS – CEU Quiz –FCDS IDEA



- $^\circ$ 2017 Florida Changed How FCDS Awards CEUs for FCDS Webcasts
- Attendees must take and pass a 3-5 question CEU Quiz to get CEUs
- CEU Awards are Restricted to Attendees with a FLccSC LMS Account
- The CEU Quiz will be posted to FLccSC 1-2 hours after the webcast ends
- Only registered FLccSC Users will be given access to the CEU Quiz
- Florida attendees must have a Florida FLccSC Account to take the Quiz
- South Carolina attendees must have a South Carolina FLccSC Account
- New FLccSC States will follow similar instructions for the CEU Quiz
- Attendees can attend any of the live webcasts without receiving CEUs
- Recorded Sessions are also available for non-FLccSC Users No CEUs³



2018 - A Year for M	Agior Changes to
Cancer Realstry	Data Standards
ICD-O-3 Third Edition - 2007 Updates for Selected Solid	
Tumors	https://seer.cancer.gov/icd-o-3/
ICD-O-3 Third Edition - 2010 Updates for Hematopoietic	
and Lymphoid Neoplasms	https://seer.cancer.gov/icd-o-3/
2018 Guidelines for ICD-O-3 Histology Code and Behavior	
Update	https://seer.cancer.gov/icd-o-3/
2018 Solid Tumor MP/H Coding Rules	https://seer.cancer.gov/tools/solidtumor/
2018 Hematopoietic Database & MPH Rules – web-based	
version only	http://seer.cancer.gov/seertools/hemelymph/
2018 SEER*Rx – current web version	http://seer.cancer.gov/seertools/seerrx/
2018 Grade Coding Manual, Instructions and Tables	https://apps.naaccr.org/ssdi/list/
2018 Summary Stage Manual	http://seer.cancer.gov/tools/ssm/
AJCC Cancer Staging Manual, 8th ed.	http://www.springer.com/medicine
	https://cancerstaging.org/references-
AJCC Cancer Staging Manual, 8th ed. – errata & breast	tools/deskreferences/Pages/8EUpdates.aspx#Histology
chapter replacement	Topography
	https://cancerstaging.org/references-
AJCC Histology and Topography Code Supplement	tools/deskreferences/Pages/8EUpdates.aspx#Histology
	Topography
2018 Site-Specific Data Items Manual	https://apps.naaccr.org/ssdi/list/
2018 Site/Type Validation Table from SEER	https://seer.cancer.gov/icd-o-3/
CoC STORE Manual - STandards for Oncology Registry	https://www.facs.org/guality-
Entry	programs/cancer/ncdb/registrymanuals/cocmanuals
SEER*SING - Inquiry System	https://seer.cancer.gov/seeringuiry/index.php
Coc Canswer - Inquiry System	http://cancerbulletin_facs_org/forums/



























Kidney - Histology				
Renal Cell Carcinoma and Renal Cell Carcinoma Subtypes				
8312 Renal cell card	<u>cinoma</u> is a "generic" term – <u>do not use highest code</u>			
 ✓ 8255 ✓ 8260 ✓ 8310 ✓ 8316 ✓ 8317 ✓ 8318 ✓ 8319 ✓ 8320 ✓ 8510 ✓ 8959 	Adenocarcinoma with mixed subtypes Papillary (Chromophil) – 15% Clear Cell (75%) Cyst associated, cystic Chromophobe Sarcomatoid (Spindle cell) Collecting duct type (Bellini duct) Granular cell Medullary carcinoma, NOS; medullary adenocarcinoma Malignant cystic nephroma			
	19			

Kidney - Histology Component is not equivalent to subtype/variant				
status	Histology	Behavior	label	Reportable
Behavior code/term	8311	3	Hereditary <u>leiomyomatosis</u> & RCC- associated renal cell carcinoma (C64.9)	Y
Behavior code/term	8311	3	MiT family translocation renal cell carcinoma (C64.9)	Y
New term	8312	3	Renal cell carcinoma, unclassified (C64.9)	Y
New term	8316	3	Acquired cystic disease-associated renal cell carcinoma (RCC) (C64.9)	Y
New term	8316	3	Tubulocystic renal cell carcinoma (C64.9)	Y
New term	8480	3	Mucinous tubular and spindle cell carcinoma (C64.9)	Y
New term	8510	3	Renal medullary carcinoma (C64.9)	Y





























Kidney – 2018 Solid Tumor Rules

Not Reportable Histology Term and Code	Synonyms
Adult cystic teratoma 8959/0	Mixed epithelial and stromal tumor
-	Renal epithelial stromal tumor
Angiomyolipoma 8860/0	
Congenital mesoblastic nephroma 8960/1	CMN
Cystic partially-differentiated nephroblastoma 8959/1	
Epithelioid angiolipoma 8860/1*	
Hemangioblastoma 9161/1	
Hemangioma 9120/0	
Juxtaglomerular cell tumor 8361/0	
Leiomyoma 8890/0	
Lymphangioma 9170/0	
Metanephric adenofibroma 9013/0	Nephrogenic adenofibroma
Metanephric adenoma 8325/0	
Metanephric stromal tumor 8935/1	
Multilocular cystic renal neoplasm of low malignant potential 8316/1*	
Nephrogenic rests (no code)	
Oncocytoma 8290/0	
Papillary adenoma 8260/0	
Paraganglioma 8700/0	Extra-adrenal pheochromocytoma
Pediatric cystic nephroma 8959/0	
Renomedullary interstitial cell tumor 8966/0	Medullary fibroma
Schwannoma 9560/0	
Solitary fibrous tumor 8815/1	

Kidney – 2018 Solid Tumor Rules

NOS/Specific Histology Term and Code	Synonyms	Subtypes/Variants
Nephroblastoma 8960	Wilms tumor	
Nephroblastoma 8960 Wilms tumor Renal cell carcinoma NOS 8312 RCC Sarcomatoid carcinoma is a pattern of differentiation, not a specific subtype, of renal cell carcinoma. Sarcomatoid carcinoma Succinate Vote 2: Sarcomatoid is listed in the CAP Kidney protocol under the header "features." Isted in the CAP	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 Note: The 2016 WHO 4 th Edition Classification of Tumors of the Urinary 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 neoplasin. This change was not implemented in the 2018 ICD-O update. Clear cell renal cell carcinoma 8319 Hereditary leiomyomatosis and renal cell carcinoma- associated renal cell carcinoma 8311" MiT family translocation renal cell carcinoma- associated renal cell carcinoma 8311"	
		translocation 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. Mucinous tubular and spindle cell carcinoma 8480° Papillary renal cell carcinoma (PRCC) 8260 Renal medullary carcinoma 8510° Note: This is a new term (previously called renal spindle cell carcinoma).



Staging Kidney Cancers			
llapsed Table Full Table			
Histology	Behavior	AJCC ID	Description
8000, 8010, 8140	3	60	Kidney
8255, 8260	3	60	Kidney
8310-8312, 8316-8319, 8323	3	60	Kidney
8480, 8510	3	60	Kidney
8000, 8010, 8140	2	××	Other Kidney
8255, 8260	2	××	Other Kidney
8310-8312, 8316-8319, 8323	2	××	Other Kidney
8480, 8510	2	XX	Other Kidney
8001-8005, 8011-8131, 8141-8254	<any value=""></any>	XX	Other Kidney
8256-8257, 8261-8300	<any value=""></any>	XX	Other Kidney
8313-8315, 8320-8322, 8324-8474	<any value=""></any>	XX	Other Kidney
8481-8509, 8512-8700, 8720-8790, 9700-9701	<any value=""></any>	XX	Other Kidney



SUMMARY STAGE SUMMARY STAGE In situ: noninvasive, intraepithelial Localized only (localized, NOS) 0. 6720-8790, 9700-9701 C649 C649 C649 C649 Kidney, NOS (Renal parenchyma) Note 1: The following sources were used in the development of this chapter • SEER Extent of Disease 1988; Codes and Coding Instructions (Ard Edition, (https://seer cancer.gov/tool/sizm) • SEER Summary Staging Manual.2000; Codes and Coding Instructions (https://seer cancer.gov/tool/sizm) • Collisotative Stage/Page/default.aspx • Displorative Stage/Page/default.aspx • STIO-8714, 8800-8934, 8940-9137, 9141-9582; Soft Tissue • Statarenal portion of renal vein or segmental (muscle containing bran • Hilar bood vessel) • Displargam • Doudemant from infit Kidney • Displargam • Doudemant from infit Kidney • Primerplarit issue • Tial of pancress • Ureter (primeral), including implant(s) • Ureter (primeral), including implant(s) • Ureter (primeral), including implant(s) • Ureter (primeral), including implant(s) • Commentational point in the stage • Ureter (primeral), including implant(s) • Commentational states • Tial of pancress		[
VIDNEY (RENAL PARENCHYMA) S00-8700, 8720-8790, 9700-9701 C649 C649 C649 C649 Kidney, NOS (Renal parenchyma) Note 1: The following sources were used in the development of this chapter • SEER Extent of Disease 1988: Codes and Coding Instructions (3rd Edition, (https://sec.cancer.gov/archive/manuals/ED010Dig.3rd.pdf) • SEER Summary Staging Manual-2000: Codes and Coding Instructions (1000 (https://sec.cancer.gov/archive/manuals/ED010Dig.3rd.pdf) • Collaborative Stage Data Collection System, version 02.05: https://cancerstaging/manual-Eighth Edition (20) published by Springer International Publishing. Used with permission of the College of Surgeons, Chicago, Illinois. Note 2: See the following chapters for the listed histologies • \$710-8714, 8800-8934, 8940-9137, 9141-9582: Soft Tissue • \$9140: Exposi Sarcoma • 9140: Exposi Sarcoma • 0140: Exposi Sarcoma	332018 - Kianey	SUMMARY STAGE			
KIDNEY (RENAL PARENCHYMA) 8000-8700, 8720-8790, 9700-9701 C649 C649 C649 C649 C649 Kidney, NOS (Renal parenchyma) Note 1: The following sources were used in the development of this chapter • SEER Extent of Disease 1988: Codes and Coding Instructions (3rd Edition, (https://secr.cancer.gov/rachive/manuals/EDD10Djg.3rd.pdf) • SEER Summary Staging Manual-2000: Codes and Coding Instructions (https://secr.cancer.gov/rachive/manuals/EDD10Djg.3rd.pdf) • Collaborative Stage Data Collection System, version 02.05: https://cancerstaging.org/catage/Pages/default.aspx • Chapter 60 Kidney, in the ALCC Cancer Staging Manual, Eighth Edition (2b) or building trapper International Publishing. Used with permission of the College of Surgeons, Chicago, Illinois. Note 2: See the following chapters for the listed histologies • \$710-8714, 8800-8934, 8940-9137, 9141-9582: Soft Tissue • \$9140: Kaposi Sarcoma • 9140: Kaposi Sarcoma • 0140: Kaposi Sarcoma	,	0 In situ: noninvasive, intraepithelial			
8000-8700, 8720-8790, 9700-9701 C649 C649 C649 Kidney, NOS (Renal parenchyma) Note 1: The following sources were used in the development of this chapter • SEER Extent of Disease 1988: Codes and Coding Instructions (3rd Edition, (https://secr.cancer.gov/rachive/manuals/EDD10Dig 3rd pdf) • SEER Summary Staging Manual-2000: Codes and Coding Instructions (fdt Edition, (https://secr.cancer.gov/rachive/manuals/EDD10Dig 3rd pdf) • Collaborative Stage Data Collection System, version 02.05: https://cancerstaging.org/catage? Pages/default.apx • Chapter 60 Kidney, in the AICC Cancer Staging Manual, Eighth Edition (20) • Diabotative Stage Data Collection System, version 02.05: • STI0-8714, 8800-8934, 8940-9137, 9141-9582: Soft Tissue • S9140: Kaposi Sarcoma	KIDNEY (RENAL PARENCHYMA)	1 Localized only (localized, NOS)			
C649 C649 Kidney, NOS (Renal parenchyma) Note 1: The following sources were used in the development of this chapter • SEER Extent of Disease 1988: Codes and Coding Instructions (3rd Edition, (https://scer.cancer.gov/achvie/manuals/EOD1Dig.3rd pdf) • SEER Summary Staging Manual-2000: Codes and Coding Instructions (3rd Edition, (https://scer.cancer.gov/achvie/manuals/EOD1Dig.3rd pdf) • Collaborative Stage Data Collection System, version 02.05: https://cancerstaging.org/cotage/Pages/default.apx • Orapter Ob Kidney, in the AJCC Collection System, version 02.05: https://cancerstaging.org/cotage/Pages/default.apx • Stage of Surgeons, Chackago, Illinois. Note 2: See the following chapters for the listed histologies • \$710-8714, 8800-8934, 8940-9137, 9141-9582: Soft Tizsue • \$9140: Kapost Sarcoma	8000-8700, 8720-8790, 9700-9701	 Confined (limited) to the kidney, NOS Invasion of renal capsule 			
Note 1: The following sources were used in the development of this chapter • Separate focus of humor in renal pelvis/calyx • SEER Extent of Disease 1988: Codes and Coding Instructions (3rd Edition, (https://ser.cancer.gov/archive/manuals/EDD10Dig 3rd pdf) • Separate focus of humor in renal pelvis/calyx • SEER Summary Staging Manual. 2000: Codes and Coding Instructions (https://ser.cancer.gov/codes.and Codes.and Codes.gov/codes.and Codes.gov/codes.and Codes.gov/codes.and Codes.gov/codes.govv/codes	C649 C649 Kidney, NOS (Renal parenchyma)	Invasive cancer confined to kidney cortex and/or medulla Pelvicalyceal system Renal pelvis or calvees involved			
 SEER Extent of Disease 1988: Codes and Coding Instructions (3rd Edition, (https://ser.cancer.gov/archive/manuals/EDD10D/g3.3rd.pdf) SEER Summary Staging Manual. 2000: Codes and Coding Instructions (https://ser.cancer.gov/archive/manuals/EDD10D/g3.3rd.pdf) Collaborative Stage Data Collection System, version 02.05: https://cancerstaging.org/cotage/Pages/default.aspx Chapter 60 <i>Kidney</i>, in the AICC Cancer Staging Manual, Eighth Edition (20) or bulkined by Springer International Publishing. Used with permission of the College of Surgeons, Chicago, Illinois. Note 2: See the following chapters for the listed histologies \$710-8714, 8800-8934, 8940-9137, 9141-9582: <i>Soft Tissue</i> \$9140: <i>Kaposi Sarcoma</i> Hilar blood vessel() Colong form right kidney Perineal artery Recal artery Recal artery Diaphragm Duodenum from right kidney Perinephric tissue Perinephric tissue Tumor thrombus in a renal vein, NOS Descending colon from light kidney Perinephric tissue Tumor thrombus in a renal vein, NOS Descending colon from light kidney Perinephric tissue Tumor thrombus in a renal vein, NOS 	Note 1: The following sources were used in the development of this chapter	Separate focus of tumor in renal pelvis/calyx			
 Conge of valgeout, currency, minor. Note 2: See the following chapters for the listed histologies 8710-8714, 8800-8934, 8940-9137, 9141-9582: Soft Tizzue 8935-8936; GIST 9140: Kaposi Sarcoma Chevica and the second seco	 SEER Extent of Disease 1988: Codes and Coding Instructions (3rd Edition, 1 (https://serc.cancer.gov/archive/manuals/EOD10Dig.3rd.pdf) SEER Stummary Staging Manual-2000: Codes and Coding Instructions (https://serc.cancer.gov/tools/ssmi) Collaborative Stage Data Collection System, version 02.05: https://cancerstaging.org/cstage/Pages/default.aspx Chapter 60 <i>Eidney</i>, in the AJCC Cancer Staging Manual, Eighth Edition (20 published by Springer International Publishing, Used with permission of the Collease of Surgery Chicase, Ulinois 	 1 2 Regional by direct extension only Adrenal gland (ipsilateral) (contiguous metastasis) Ascending colon from right kidney Beyond Gerota's factica, NOS Blood vessel(s) (major) Extrarenal portion of renal vein or segmental (muscle containing bran 			
40	Note 2: See the following chapters for the listed histologies 8710-8714, 8800-8934, 8940-9137, 9141-9582: Soft Tissue 8935-8936: GIST 9 9140: Kaposi Sarcoma	O Hilar blood vessel Inferior vena cava Perirenal veinfat Renal artery Renal vein, NOS/sinus fat Tumor thrombus in a renal vein, NOS Descending colon from left kidney Diaphragm Duodenum from right kidney Perinephric tissue Perinoneum Psoas muscle Quadratus lumborum muscle Retroperitoneal soft tissue Tail of pancreas Urteter (ipsilateral), including implant(s)	40		

































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- "Ablation" is destruction of tumor by vaporization, chipping away (like chipping ice) or various other erosive processes. Ablation may be used when tumor(s) are small (<3cm), peripheral lesions, inferior pole or posterior location. Large (>5cm) or centrally located tumors or tumors in anterior location are generally not suitable for ablation as primary tx.
- Thermal (heat) ablation used to be called "hyper-thermia"
- Tumor Ablation is coded as Surgery ablation directly destroys the tumor
- Types of Ablation Include:
 - Cryo-Ablation Uses Cold
 - Laser-Ablation Uses Light
 - Microwave-Ablation Uses Heat
 - RFA Radiofrequency-Ablation Uses Heat electro-cautery
 - $\circ~$ PDT photodynamic therapy is a type of laser ablation
 - High-Intensity Ultrasound Uses Sound Waves to create heat






























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Bladder Histology <u>ALL ARE CODED to Urothelial Carcinoma 8120</u> • Clear cell (glycogen-rich) urothelial carcinoma • Infiltrating urothelial carcinoma

- Infiltrating urothelial carcinoma with divergent differentiation
- Infiltrating urothelial carcinoma with endodermal sinus lines
- Infiltrating urothelial carcinoma with glandular differentiation
- Infiltrating urothelial carcinoma with squamous differentiation
- Infiltrating urothelial carcinoma with trophoblastic differentiation
- Lipid-rich urothelial carcinoma
- Microcystic urothelial carcinoma
- Nested urothelial carcinoma
- Plasmacytoid urothelial carcinoma
- Urothelial carcinoma in situ

2018 New Histology - Urothelial

Status	Histology Value	Behavi or	i Preferred Term	label	Reporta ble
New term	8010	3	FALSE	Urachal carcinoma (C65.9, C66.9, C67. , C68.)	Y
New term	8120	3	FALSE	Lipid-rich urothelial carcinoma (C65.9, C66.9, C67. , C68.)	Y
New term	8120	3	FALSE	Microcystic urothelial carcinoma (C65.9, C66.9, C67. , C68.)	Y
New term	8120	3	FALSE	Nested urothelial carcinoma (C65.9, C66.9, C67, C68)	Y
New term	8120	3	FALSE	Urothelial carcinoma with divergent differentiation (C65.9, C66.9, C67, C68)	Y
New term	8120	3	FALSE	Urothelial carcinoma with squamous differentiation (C65.9, C66.9, C67, C68)	Y
New term	8120	3	FALSE	Urothelial carcinoma with trophoblastic differentiation (C65.9, C66.9, C67., C68.)	Y
New term	8120	3	FALSE	Clear cell (glycogen-rich) urothelial carcinoma (C65.9, C66.9, C67, C68)	Y
New term	8144	3	FALSE	Enteric adenocarcinoma (C34. 0, C65.9, C66.9, C67, C68)	Y
			Sou	urce: 2018 Updates to ICD-O-3	74







Grade 19	201	8 Gr	â	de	– Blac	lder	
	Grade II	D 19-Clinical Grade	e Instrucți	006			
Schema ID#	Schema ID Name	AICCID	AJCC Ch	apter			
		61.1	Renal Pe	lvis and Uret	er: Urothelial Carcinomas		
00610	Kidney Renal Pelvis	61.2	Renal Pe	lvis and Uret	ter: Squamous Cell		
			Carcinon	na and Aden	ocarcinoma		
		62.1	Urinary E	Bladder: Uro	thelial Carcinomas		
00620	Bladder	62.2	Urinary E	Bladder: Squa	amous Cell Carcinoma and		
		63.1	Urotheli	al Male Penil	e Lirethra and Female		
		03.1	Urethra	an where i chin			
00631	Urethra	63.2	Squamo	us Male Peni	le Urethra and Female		
			Urethra				
		63.3	Prostatic	: Urethra: Ur	othelial Carcinomas		
00633	Urethra-Prostatic	63.4	Prostatic	: Urethra: Sq	uamous Cell Carcinoma and		
			Adenoca	rcinoma			
Note 1: Clinic	al grade must not be blank.						
				Code	Crada Description		
				coue	Grade Description		
				1	G1: Well different	tiated	
				2	G2: Moderately d	ifferentiated	
				3	G3: Poorly differe	ntiated	
				L	LG: Low-grade		
				Н	HG: High-grade		
				9	Grade cannot be a	assessed (GX): Unknown	7























































	1	Text D		nenta der	tion		
Real	National ancer gistrars ssociation	ISTRACT 9 What Text to Include	X-RAYS/SCOPES/SCANS Include: • Imaging Tests: Date, name and hrief summary of esuits of the test. • Operating of results of the test.	Example: INP Retrograde Pyelogsam, CT soon, MRL U/S, chest vay and/or base soon to check for spread of disease, if suspected.	PATHOLOGY (centerund) • Note my involvement of sugical margins. • Note the number of humo(s) involved with disease.	Example: 5/1/14 Transitional cell cercisorna of the done of the blodder, grade 3, 1 on in size, does not appear to estimate to other parts of the blodder or nearly structures; there are no jumph nodes involved; the ranging and clear with no further estimator;	
BLA	The abstract is the basis of all registry function stage and to all cancer research, therefore, the information needed to provide a concise analyst treatment. To assist registrars in preparing abstracts, NCB of informational abstracts. There alls expectific a determining what next to include. The outline b efficiency and includes right needson. Physical Diagnostic Proceedance, Fabrical (2019)	a. It is a tool used to help accurately determine obtenct must be complete, containing all the sin of the patient's disease from diagnosis to MS Education Committee has created a series butinzte provide an outline to fillow when as a specific sequence designed to maximize Examiliatory, X-BayaScopenScare, Laber (Hotology, and Frantsenet, Ak to or foremat	LADS Increase: • Unive Cytelegy: Date, neme, and brief summary of the marks of tests and any volues (note if value is abnormal). • Unive Cuber: Date, neme, and hird summary of the results of tests and any volues (note if value is abnormal). • Date Oncorrect Concorrect Party of the set of	Usinulysis: Date, name, and brief summary of the results of tests and any values (note if value is abnormal). Using Name, Markes Tests, name, and brief summary of the results of tests and any values (note if value is abnormal).	PRIMARY SITE Include: • The primary site where the cancer started Example: Dome of the Madder. Nates if the exact part of the Madder is not apparent, site as "Bladder, NDS".	Where to Find the Information: Surginal report and diagnostic reports (maging, biopoy).	
DD	resources is societie at the end of below are not all model in the various anceliant below are not all may need to do additional research to complete When using the informational abstract, follow i sections. Be concide by using plannes, not sent disease process and the specific cancer rise are When the abstract is completed, review thereas DEVECTAL EXAMPLEMENT	tional another, the sources of macromotori industry, but beyon the most common. You the abstract, he outline and atrive to complete all the ensets Make same to use text relevant to the enset Make same to use text relevant to the to use NAACCE Standard Abbreviations, ghly to ensure accuracy.	Incluse: • Blipper: This is often done at time of optionopy. Look fastement of invasiveness and the gende, instalent mil- there for the caracter has instalent. This want, - Low Grades Look grade looks more like normal binder insure mixture localities	 Spead of Ganeer H suspected, a biopy may to done-probably a needle hispay. The spenal is suspected sexually after imaging tests are done. Note: If the biopy is available, it belongs in the Treatment section. 	HISTOLOGY Include: • The associated type of the casese: TREATMENT Include: • Surgery, Include type of surgery, date, and any relevant statement to describe	Example: Tensitional cell castinoma.	
R	 Perspective Constraints (Constraint) Demographies: Age, see, more, ethnicity of the pointer. Chief Completive (CO): Write a brief statement about shy the patient sought medical care. Physical Comminstein (PD): Date of the seam and documentation of information networks to the hadden acare. 	 Past Treatment: If applicable, include previous chemotherapy or radiation therapy. Where to Find the Information: HSIP consultations, ER physician notes, nursing notes, physician progress notes, discharge summary, admission notes. Nate on Neurative Evolution to the new 	 will öffererrinnel; palents with low grade covers usually have a good progravity. High Grade High grade looks loss like normal blacker tissue (my be called poor); differentiated or undifferentiated); these am more likely to gow into the blacker wall and spread could be the blacker, making them more difficult to treat. 	For any of these diagnostic procedures— procedures that funct the cance, but do not remove it—state the date, name of procedure, and bind description of findings. Example: Instituted binogy and cystoscopy done on 1/2/21. Losion found in the done of the bladder.	important datalis. Definitive suggeries that renove the concer are: • TDP with felgerstoin • Bacial systemation • Perisk cystemation • Uniting Viewraion • Redistion • External redistion • External redistion • Internal redistion • Internal redistion	of administration. Finalizing, include majorise to treatment. Drugs: Note if any charges in drugs. State new drug names and why the drug was charged and when the new drug was started. • Biologic Therapy: Used to boost a patient's incruse system. It is also called biotherapy or incrusses Blacke account on the	
	Hearing, To Stational Indiana, Hearing, To Stational Indiana, Hearing Matalana, Hearing Matalana, Hearing, and Angele Ang	minum inspirite findings, such as unhappin engelive. Example: Elysper del black mela who was having blood the unive and sainld unnation. No femily or part history of any the hose had frequence university that infections. He is an over-the-mad walk dowr and hist in over-the-mad walk dowr and histo- han had frequence university that infections. He is an over-the-mad walk dowr and histo- in over-the-mad walk dowr and histo- han and loom sasound is any cleminals ar other infrastra or concernancing agents.	Inclusion: Summaries sharings of all particularities sharing sharing sharing sharing sharing sharing sharing information is shared balane. Maka ware to balade dates and in at chanologically three sharing sharing sharing sharing sharing sharing a lipseful section of balader = Gaste of the summaries = Gaste of the summaries = Gaste of the summaries = Gaste of the summaries	 Extent (extension) of the primary turner. This information is availy found in the microscopic decoupling of the pathology mpoint. (priph, node interference (in club of b), (priph, node interference (in club of b), (priph, node interference) (in club of b), primary (in club of b	blacked denrefly into or near the sacroup Detex loging and enricing dates of tests loging and enricing dates of thorize have directly and reaction of long have directly and reaction dates and the same directly and the dates and the same directly and the address of the directly and the logical more plant the intervention of the black of house plant black mouth or lighted intervents.	trasted with MacNu Calmere-Lunn (2002). It is given in solution that is placed directly into the MacNu Calman Schwarz, Santan Schwarz, and Franke Schwarz, and administration of drags given. It notes, infolder responses. • Clisical Tablet: Induct the norms set number of clinical table in which pattern is another and any emoliterent.	
	1 National Cancer Registrans Associ 705-209-0045 - Advidiances	etke - 1500 Brakhnik Placu, Fatle 521 - Aluxandik, VA 2234 an.org - wera naravan.arg - www.Executingbit/Statebur.org upphil 2015 Brilly in Narad Charr lighten Annalascal opto-nervel.	2 Extinui Osson Ruddaw Ame Nocisiono - Materia	lation = 5000 Bradition Planes, Bulla 500 = Alexandris, VA 2004 ann ang = war waran outs og = www.lwcom/big/sty/Salawitan ang appeheil 2015 yile Mond Cours Repares Annodes Alexandris and	3 Felinal Geocr Registers Anno 305289990 - Indexe	hidisa + 3350 Studiotic Piero, Sulta 198 + Alexandra, VI. 2034 nanozaj + versiciena naj + veno Concellagi hijdžavstva ng Organiski XII nje la Nano Concellagarez Asenzin-Al njeh merek	
	Sou	rce: NCRA Ir	nformational A	bstracts – Imp	proving Text	10	

























	Pros	tate Ti	issue-Bo	ase	d Tests	
Table 1.	Available Tissue-B	ased Tests for Prostat	e Cancer Prognosis			
Test	Platform	Populations	Outcome(s) Reported	References	Molecular Diagnostic Services Program (MoIDX) Recommendations	
Decipher	Whole-transcriptome 1.4M RNA expression (44,000 genes) oligonucleotide microarray optimized for FFPE tissue	Post radical prostatectomy (RP), adverse pathology/high-risk features Post RP, biochemical recurrence	(rear movements) protectory (Portectory) Prostate cancer-specific mortality Postoperative radiation sensitivity (PORTOS) Metastasis	83,195,570,625- 637	Cover post-RP for 1) p12 with positive margins; 2) any pT3 disease; 3) rising PSA (above nadir)	
		Post RP, adjuvant, or salvage radiation	Prostate cancer-specific mortality PORTOS Metastasis Prostate cancer-specific mortality PORTOS	_		
		Biopsy, localized prostate cancer post RP or EBRT	Metastasis Prostate cancer-specific mortality Gleason grade ≥4 disease at RP			
Ki-67	IHC	Biopsy, intermediate- to high- risk treated with EBRT Biopsy, conservatively managed	Metastasis Prostate concervenecific mortality	638-641	Not recommended	
Oncotype DX Prostate	Quantitative RT-PCR for 12 prostate cancer-related genes and 5 housekeeping controls	(active surveillance) Biopsy, low- to intermediate-risk treated with RP	Non-organ-confined pT3 or Gleason grade 4 disease on RP	81,641,643	Cover post-biopsy for NCCN very-low-, low-risk, and favorable intermediate-risk prostate cancer in patients with at least 10 years life expectancy who have not received treatment for prostate cancer and are candidates for active surveillance or definitive therapy	
Prolaris	Quantitative RT-PCR for 31 cell cycle-related genes and 15 housekeeping	Transurethral resection of the prostate (TURP), conservatively managed (active surveillance)	Prostate cancer-specific mortality	78-81,644-646	Cover post-biopsy for NCCN very-low-, low-risk, and favorable intermediate-risk prostate cancer in patient with at least 10 years life expectancy who have not	
	controls	Biopsy, conservatively managed (active surveillance)	Prostate cancer-specific mortality]	received treatment for prostate cancer and are candidates for active surveillance or definitive therapy	
	1	Biopsy, localized prostate cancer	Biochemical recurrence Metastasis			
	1	Biopsy, intermediate-risk treated with EBRT	Biochemical recurrence	1		
	l	RP, node-negative localized prostate cancer	Biochemical recurrence	1		
ProMark	Multiplex immunofluorescent staining of 8 proteins	Biopsy, Gleason grade 3+3 or 3+4	 Non–organ-confined pT3 or Gleason pattern 4 disease on RP 	647	Cover post-biopsy for NCCN very-fow- and low-risk prostate cancer in patients with at least 10 years life expectancy who have not received treatment for prostate cancer and are candidates for active surveillance or definitive therapy.	
PTEN	Fluorescent in situ hybridization or IHC	TURP, conservatively managed (active surveillance)	Prostate cancer-specific mortality	648-652	Not recommended	
		Biopsy, Gleason grade 3+3	 Upgrading to Gleason pattern 4 on RP 			





	Histology
COLLEC PATHOL	GE of AMERICAN .OGISTS
Protocol for th Carcinoma of	e Examination of Specimens From Patients With the Prostate Gland
Version: Prostate 4.0.3. Includes pTNM requirem	0 Protocol Posting Date: June 2017 ents from the 8 th Edition, AJCC Staging Manual
Version: Prostate 4.0.3. Includes pTNM requirem For accreditation purpo Procedure	0 Protocol Posting Date: June 2017 tents from the 8 th Edition, AJCC Staging Manual poses, this protocol should be used for the following procedures AND tumor types: Description
Version: Prostate 4.0.3. Includes pTNM requirem For accreditation purper Procedure Prostatectomy	0 Protocol Posting Date: June 2017 ents from the 8 th Edition, AJCC Staging Manual oses, this protocol should be used for the following procedures AND tumor types: Description Includes specimens designated radical prostatectomy
Version: Prostate 4.0.3. Includes pTNM requirem For accreditation purper Procedure Prostatectomy Tumor Type	0 Protocol Posting Date: June 2017 ents from the 8 th Edition, AJCC Staging Manual oses, this protocol should be used for the following procedures AND tumor types Description Includes specimens designated radical prostatectomy Description
Version: Prostate 4.0.3. Includes pTNM requirem For accreditation purpo Procedure Prostatectomy Tumor Type Carcinoma	0 Protocol Posting Date: June 2017 lents from the 8 th Edition, AJCC Staging Manual oses, this protocol should be used for the following procedures AND tumor types Description Includes specimens designated radical prostatectomy Description Including all adenocarcinomas and histologic variants, neuroendocrine tumors, and small cell carcinomas.
Version: Prostate 4.0.3. Includes pTNM requirem For accreditation purpe Procedure Prostatectomy Tumor Type Carcinoma This protocol is NOT re	0 Protocol Posting Date: June 2017 ents from the 8 th Edition, AJCC Staging Manual oses, this protocol should be used for the following procedures AND tumor types Description Includes specimens designated radical prostatectomy Description Including all adenocarcinomas and histologic variants, neuroendocrine tumors, and small cell carcinomas. equired for accreditation purposes for the following:
Version: Prostate 4.0.3. Includes pTNM requirem For accreditation purpe Procedure Prostatectomy Tumor Type Carcinoma This protocol is NOT re Procedure	0 Protocol Posting Date: June 2017 lents from the 8 th Edition, AJCC Staging Manual oses, this protocol should be used for the following procedures AND tumor types Description Includes specimens designated radical prostatectomy Description Including all adenocarcinomas and histologic variants, neuroendocrine tumors, and small cell carcinomas.
Version: Prostate 4.0.3. Includes pTNM requirem For accreditation purpe Prostatectomy Tumor Type Carcinoma This protocol is NOT re Procedure Needle biopsies, transu	0 Protocol Posting Date: June 2017 ents from the 8 th Edition, AJCC Staging Manual oses, this protocol should be used for the following procedures AND tumor types Description Includes specimens designated radical prostatectomy Description Including all adenocarcinomas and histologic variants, neuroendocrine tumors, and small cell carcinomas. equired for accreditation purposes for the following: rethral resection of the prostate gland (TURP) ^{aff} or enucleations
Version: Prostate 4.0.3. Includes pTNM requirem For accreditation purpe Procedure Prostatectomy Tumor Type Carcinoma This protocol is NOT re Procedure Needle biopsies, transu. Primary resection speci	0 Protocol Posting Date: June 2017 ents from the 8 th Edition, AJCC Staging Manual oses, this protocol should be used for the following procedures AND tumor types Description Includes specimens designated radical prostatectomy Description Including all adenocarcinomas and histologic variants, neuroendocrine tumors, and small cell carcinomas. equired for accreditation purposes for the following: arethral resection of the prostate gland (TURP) [#] or enucleations imen with no residual cancer (eg, following neoadjuvant therapy)
Version: Prostate 4.0.3. Includes pTNM requirem For accreditation purpe Procedure Prostatectomy Tumor Type Carcinoma This protocol is NOT re Procedure Needle biopsies, transu Primary resection speci Cytologic specimens	0 Protocol Posting Date: June 2017 lents from the 8 th Edition, AJCC Staging Manual oses, this protocol should be used for the following procedures AND tumor types Description Includes specimens designated radical prostatectomy Description Including all adenocarcinomas and histologic variants, neuroendocrine tumors, and small cell carcinomas. equired for accreditation purposes for the following: arethral resection of the prostate gland (TURP) [#] or enucleations imen with no residual cancer (eg, following neoadjuvant therapy)
Version: Prostate 4.0.3. Includes pTNM requirem For accreditation purp- Prostatectomy Tumor Type Carcinoma This protocol is NOT re Procedure Needle biopsies, transu. Primary resection speci Cytologic specimens * Transurethral resection of cancer may be removed. T required for accreditation p	0 Protocol Posting Date: June 2017 tents from the 8 th Edition, AJCC Staging Manual Description Includes specimens designated radical prostatectomy Description Includes and small cell carcinomas and histologic variants, neuroendocrine tumors, and small cell carcinomas. Description equired for accreditation purposes for the following: Description irrethral resection of the prostate gland (TURP) ^a or enucleations immen with no residual cancer (eg, following neoadjuvant therapy) "the prostate is NOT considered to be the definitive resection specimen, even though the entire his protocol is recommended for reporting TURP specimens for clinical care purposes, but it is no urposes.































FC	CDS Si	te-Sp	ecific Data It	en	าร
	FCDS Required	Item Number	Item Name	Start	
	С	3816	Brain Molecular Markers	2018	
	С	3817	Breslow Tumor Thickness	2018	
	С	3827	Estrogen Receptor Summary	2018	
	С	3835	Fibrosis Score	2018	
	С	3843	Grade Clinical	2018	
	С	3844	Grade Pathological	2018	
	С	3845	Grade Post Therapy	2018	
	С	3855	HER2 Overall Summary	2018	
	С	3890	Microsatellite Instability (MSI)	2018	
	C	3915	Progesterone Receptor Summary	2018	
	-		PSA (Prostatic Specific Antigen) Lab Value	2018	
	С	3926	Schema Discriminator 1	2018	
	č	3027	Schema Discriminator 2	2018	
	č	3032	LDH Pretreatment Lab Value	2018	
					
	2018 FCD	S DAM and 20	18-2020 NPCR Reporting Requirements		139





	Treatn	nent - Pro	ostate	Э	
	RISK	STRATIFICATION AND STAGING WORI	KUP	,	
Risk group	Clinical/pathologic features	Imaging ^{i,j}	Molecular testing of tumor	Germline testing	Initial therapy ^F
Very low ^g	T1c AND Gleason score sß/grade group 1 AND PGA <10 ng/mL AND PGA <10 ng/mL AND Fewer than 3 prostate biopsy fragments/cores positive, s50% cancer in each fragment/core AND PSA density <0.15 ng/mL/g	Not indicated	Not indicated	Consider if strong family history ^c	See PROS-4
Low ^g	• T1-T2a AND • Gleason score s6/grade group 1 AND • PSA <10 ng/mL	Not indicated	Consider if life expectancy ≥10y	Consider if strong family history ^e	See PROS-5
Favorable intermediate ^g	T2b-T2c OR Gleason score 3+4=7/grade group 2 OR PSA 10-20 ng/mL AND Percentage of positive biopsy cores <50%	Bone imaging ^k : not recommended for staging Pelvic ± abdominal imaging: recommended if nomogram predicts >10% probability of pelvic lymph node involvement	Consider if life expectancy ≥10y ¹	Consider if strong family history ^o	See PROS-6
Unfavorable intermediate	T2b-T2c OR Gleason score 3+4=7/grade group 2 or Gleason score 4+3=7/grade group 3 OR PSA 10–20 ng/mL	 Bone imaging^b: recommended if T2 and PSA >10 ng/ mL Pelvic ± abdominal imaging: recommended if nomogram predicts >10% probability of pelvic lymph node involvement 	Not routinely recommended	Consider if strong family history ^o	See PROS-7
High	T3a OR Gleason score 8/grade group 4 or Gleason score 4+5=9/grade group 5 OR PSA >20 ng/mL	Bone imaging ^b : recommended Pelvic ± abdominal imaging: recommended if nomogram predicts >10% probability of pelvic lymph node involvement	Not routinely recommended	Consider ^o	See PROS-8P
Very high	T3b-T4 OR Primary Gleason pattern 5 OR >4 cores with Gleason score 8–10/ grade group 4 or 5	 Bone imaging^b: recommended Pelvic ± abdominal imaging: recommended if nomogram predicts >10% probability of pelvic lymph node involvement 	Not routinely recommended	Consider ^o	See PROS-8P
Regional	Any T, N1, MD	Already performed	Consider tumor testing for homologous recombination gene mutations and for microsatellite instability (MSI) or mismatch repair deficiency (dMMR) ^{M,M}	Consider ^o	See PROS-9
Metastatic	Any T, Any N, M1	Already performed	Consider tumor testing for homologous recombination gene mutations and for MSI or dMMR ^{IN,II}	Consider ^o	See PROS-13








