

American College of Radiology
ACR Appropriateness Criteria®

Pretreatment Detection, Surveillance, and Staging of Prostate Cancer

Variant 1: Clinically suspected prostate cancer. No prior biopsy (biopsy naïve). Initial diagnosis. Initial imaging.

Procedure	Appropriateness Category	SOE	Adults RRL	Peds RRL	Rating	Median	Final Tabulations								
							1	2	3	4	5	6	7	8	9
MRI pelvis without and with IV contrast	Usually appropriate	Strong	0 0 mSv	0 0 mSv [ped]	9	9	0	1	0	0	0	0	1	5	7
		References		Study Quality											
		49 (26215604)		M											
		45 (27488931)		3											
		48 (30667329)		3											
		39 (28196723)		Good											
		41 (28570099)		2											
		46 (26395278)		2											
		40 (27101772)		3											
		47 (27439401)		3											
		44 (28336078)		Good											
		42 (29341356)		2											
		43 (30268722)		2											
TRUS-guided biopsy prostate	Usually appropriate	Limited	0 0 mSv	0 0 mSv [ped]	8	8	0	0	0	0	3	0	3	3	5
		References		Study Quality											
		18 (26481576)		4											
		69 (22110983)		4											
		71 (21632511)		3											

TRUS prostate	Usually not appropriate	Limited	0 0 mSv	0 0 mSv [ped]	2	2	6	4	3	0	0	0	0	0	0
		References		Study Quality											
		67 (15247717)		3											
		65 (22595778)		4											
		66 (30534650)		3											
CT abdomen and pelvis with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	8	4	1	0	0	0	1	0	0
CT abdomen and pelvis without IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	10	3	0	0	1	0	0	0	0
CT abdomen and pelvis without and with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv	☼☼☼☼☼ 10-30 mSv [ped]	1	1	9	4	0	0	0	0	1	0	0
CT chest abdomen pelvis with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	10	3	0	0	0	0	0	1	0
CT chest abdomen pelvis without IV contrast	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	10	3	0	0	1	0	0	0	0
CT chest abdomen pelvis without and with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv	☼☼☼☼☼ 10-30 mSv [ped]	1	1	10	3	0	0	0	0	1	0	0
MRI abdomen and pelvis without IV contrast	Usually not appropriate	Expert Consensus	0 0 mSv	0 0 mSv [ped]	1	1	8	3	2	0	0	1	0	0	0
MRI abdomen and pelvis without and with IV contrast	Usually not appropriate	Expert Consensus	0 0 mSv	0 0 mSv [ped]	1	1	8	3	1	0	1	0	0	1	0
MRI whole body without IV contrast	Usually not appropriate	Expert Consensus	0 0 mSv	0 0 mSv [ped]	1	1	9	3	1	0	1	0	0	0	0
MRI whole body without and with IV contrast	Usually not appropriate	Expert Consensus	0 0 mSv	0 0 mSv [ped]	1	1	9	3	0	1	1	0	0	0	0

		45 (27488931)		3																								
		40 (27101772)		3																								
		44 (28336078)		Good																								
MRI-targeted biopsy prostate	Usually appropriate	Strong	O 0 mSv	O 0 mSv [ped]	9	9	0	0	0	0	0	0	0	2	5	7												
		References		Study Quality																								
		56 (24262102)		2																								
		55 (25869459)		4																								
		23 (29552975)		2																								
		61 (27574821)		1																								
		57 (30522912)		3																								
		24 (30477981)		1																								
		26 (32130814)		3																								
		60 (25862143)		2																								
		25 (30470502)		1																								
		58 (30527787)		2																								
		28 (31022301)		Good																								
		30 (31204311)		Good																								
		59 (32925739)		2																								
		TRUS-guided biopsy prostate	Usually appropriate	Limited	O 0 mSv												O 0 mSv [ped]	7	7	0	0	0	0	1	0	7	4	1
				References													Study Quality											
74 (23452046)				3																								
77 (22416859)				3																								
76 (24094934)				4																								
75 (11992052)				4																								
73 (7514690)				3																								
MRI pelvis without IV contrast	Usually appropriate	Strong	O 0 mSv	O 0 mSv [ped]	7	7	0	1	0	0	0	0	6	2	5	0												
		References		Study Quality																								
		50 (22623539)		4																								

51 (26427566)	4
52 (27133703)	2
29 (22743165)	4
49 (26215604)	M
45 (27488931)	3
40 (27101772)	3
44 (28336078)	Good
53 (26900904)	3
54 (30240296)	Good

CT abdomen and pelvis with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	2	2	7	5	1	0	0	0	1	0	0
MRI abdomen and pelvis without and with IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	2	2	7	4	2	0	0	0	0	1	0
CT abdomen and pelvis without IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	10	3	0	0	1	0	0	0	0
CT abdomen and pelvis without and with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv	☼☼☼☼☼ 10-30 mSv [ped]	1	1	9	4	0	0	0	0	1	0	0
CT chest abdomen pelvis with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	10	3	0	0	0	0	0	1	0
CT chest abdomen pelvis without IV contrast	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	11	2	0	0	0	1	0	0	0
CT chest abdomen pelvis without and with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv	☼☼☼☼☼ 10-30 mSv [ped]	1	1	10	3	0	0	0	0	1	0	0
MRI abdomen and pelvis without IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	8	3	2	0	0	1	0	0	0
MRI whole body without IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	9	3	1	0	1	0	0	0	0

MRI whole body without and with IV contrast	Usually not appropriate	Expert Consensus	O 0 mSv	O 0 mSv [ped]	1	1	9	3	1	0	1	0	0	0	0
Bone scan whole body	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	9	3	0	0	1	0	0	0	1
FDG-PET/CT whole body	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	11	2	0	0	0	1	0	0	0
TRUS prostate	Usually not appropriate	Limited	O 0 mSv	O 0 mSv [ped]	1	1	9	2	1	0	1	0	0	1	0

References	Study Quality
65 (22595778)	4
66 (30534650)	3

Choline PET/CT skull base to mid-thigh	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv		1	1	11	2	0	0	0	0	1	0	0
Fluciclovine PET/CT skull base to mid-thigh	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv		1	1	9	3	0	1	0	0	1	0	0
FDG-PET/MRI skull base to mid-thigh	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv		1	1	10	3	0	0	1	0	0	0	0
Fluoride PET/CT whole body	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	10	2	0	1	0	0	1	0	0
Choline PET/MRI skull base to mid-thigh	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv		1	1	11	2	0	0	0	0	1	0	0
Fluciclovine PET/MRI skull base to mid-thigh	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv		1	1	9	2	1	1	0	0	1	0	0
PSMA PET/CT skull base to mid-thigh	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv		1	1	8	2	1	1	0	1	0	0	1

Variant 3: Clinically established low-risk prostate cancer. Active surveillance.

Procedure	Appropriateness Category	SOE	Adults RRL	Peds RRL	Rating	Median	Final Tabulations								
							1	2	3	4	5	6	7	8	9
MRI pelvis without and with IV contrast	Usually appropriate	Limited	O 0 mSv	O 0 mSv [ped]	8	8	0	1	0	0	0	0	0	11	2
		References		Study Quality											
		84 (30179620)		3											
		82 (31825297)		3											
		83 (26482887)		2											
		81 (30487646)		Inadequate											
MRI-targeted biopsy prostate	Usually appropriate	Strong	O 0 mSv	O 0 mSv [ped]	8	8	0	0	0	0	2	0	1	9	2
		References		Study Quality											
		56 (24262102)		2											
		55 (25869459)		4											
		90 (27236496)		3											
		88 (29339663)		3											
		57 (30522912)		3											
		84 (30179620)		3											
		89 (30017404)		3											
		82 (31825297)		3											
		91 (26699628)		1											
		83 (26482887)		2											
		92 (26920465)		3											
		85 (29645347)		3											
		81 (30487646)		Inadequate											
		58 (30527787)		2											
		87 (31479660)		3											
		86 (30577395)		3											
		59 (32925739)		2											
TRUS-guided biopsy prostate	Usually appropriate	Limited	O 0 mSv	O 0 mSv [ped]	7	7	0	0	0	2	2	2	2	3	3

		References		Study Quality												
		82 (31825297)		3												
		91 (26699628)		1												
		92 (26920465)		3												
MRI pelvis without IV contrast	Usually appropriate	Limited	0 0 mSv	0 0 mSv [ped]	7	7	0	1	0	0	1	2	5	4	1	
		References		Study Quality												
		84 (30179620)		3												
		82 (31825297)		3												
		83 (26482887)		2												
		81 (30487646)		Inadequate												
CT abdomen and pelvis with IV contrast	Usually not appropriate	Expert Consensus	☹☹☹ 1-10 mSv	☹☹☹☹ 3-10 mSv [ped]	2	2	7	5	1	0	0	0	1	0	0	
MRI whole body without IV contrast	Usually not appropriate	Expert Consensus	0 0 mSv	0 0 mSv [ped]	2	2	7	5	1	0	1	0	0	0	0	
MRI whole body without and with IV contrast	Usually not appropriate	Expert Consensus	0 0 mSv	0 0 mSv [ped]	2	2	7	4	2	0	1	0	0	0	0	
Bone scan whole body	Usually not appropriate	Strong	☹☹☹ 1-10 mSv	☹☹☹☹ 3-10 mSv [ped]	2	2	7	3	3	0	0	0	0	0	1	
		References		Study Quality												
		78 (28317247)		3												
		79 (29043431)		2												
		80 (28958581)		Good												
CT abdomen and pelvis without IV contrast	Usually not appropriate	Expert Consensus	☹☹☹ 1-10 mSv	☹☹☹☹ 3-10 mSv [ped]	1	1	9	4	0	0	1	0	0	0	0	
CT abdomen and pelvis without and with IV contrast	Usually not appropriate	Expert Consensus	☹☹☹☹ 10-30 mSv	☹☹☹☹☹ 10-30 mSv [ped]	1	1	10	3	0	0	0	0	1	0	0	

CT chest abdomen pelvis with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	10	3	0	0	0	0	0	1	0
CT chest abdomen pelvis without IV contrast	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	10	3	0	0	1	0	0	0	0
CT chest abdomen pelvis without and with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv	☼☼☼☼☼ 10-30 mSv [ped]	1	1	10	3	0	0	0	0	1	0	0
MRI abdomen and pelvis without IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	8	3	2	0	0	0	0	1	0
MRI abdomen and pelvis without and with IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	8	3	2	0	0	1	0	0	0
FDG-PET/CT whole body	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	11	2	0	0	0	1	0	0	0
TRUS prostate	Usually not appropriate	Limited	○ 0 mSv	○ 0 mSv [ped]	1	1	8	2	1	1	1	0	0	1	0

References	Study Quality
93 (22920360)	2
67 (15247717)	3
65 (22595778)	4
94 (27117443)	4

Choline PET/CT skull base to mid-thigh	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv		1	1	9	3	0	0	0	1	1	0	0
Fluciclovine PET/CT skull base to mid-thigh	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv		1	1	9	2	1	0	0	1	1	0	0
FDG-PET/MRI skull base to mid-thigh	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv		1	1	11	2	0	0	1	0	0	0	0
Fluoride PET/CT whole body	Usually not appropriate	Expert Consensus	☼☼☼☼ 10-30 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	9	3	1	0	0	0	0	1	0

MRI abdomen and pelvis without and with IV contrast	Usually appropriate	Limited	0 0 mSv	0 0 mSv [ped]	7	7	0	0	0	1	0	3	6	3	0
		References		Study Quality											
		20 (23271765)		4											
		110 (26181182)		3											
		109 (21115873)		4											
		113 (27043655)		3											
		111 (31909690)		4											
		112 (30759371)		3											
MRI-targeted biopsy prostate	Usually appropriate	Limited	0 0 mSv	0 0 mSv [ped]	7	7	0	0	0	0	0	1	8	4	0
		References		Study Quality											
		110 (26181182)		3											
		109 (21115873)		4											
		111 (31909690)		4											
		112 (30759371)		3											
Fluciclovine PET/CT skull base to mid-thigh	Usually appropriate	Strong	⚠⚠⚠⚠ 10-30 mSv		7	7	0	0	0	1	4	1	7	0	0
		References		Study Quality											
		105 (29294158)		2											
		102 (29147764)		2											
		103 (28986510)		3											
		104 (27817158)		2											
		98 (31358294)		Good											
		106 (32347780)		2											
PSMA PET/CT skull base to mid-thigh	Usually appropriate	Strong	⚠⚠⚠⚠ 10-30 mSv		7	7	0	0	0	0	0	2	9	1	1
		References		Study Quality											
		117 (28957842)		2											
		19 (30226456)		2											
		120 (30120038)		2											

		122 (29794224)	3													
		121 (26682756)	2													
		118 (29678358)	Good													
		123 (31562225)	3													
		119 (32209449)	2													
CT abdomen and pelvis without IV contrast	May be appropriate	Limited	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	6	6	0	1	1	0	5	6	1	0	0	
		References	Study Quality													
		20 (23271765)	4													
CT chest abdomen pelvis without IV contrast	May be appropriate	Limited	☼☼☼☼ 10-30 mSv	☼☼☼☼☼ 3-10 mSv [ped]	6	6	0	0	0	1	5	6	1	0	0	
		References	Study Quality													
		20 (23271765)	4													
MRI abdomen and pelvis without IV contrast	May be appropriate	Limited	○ ○ mSv	○ ○ mSv [ped]	6	6	0	0	0	0	6	6	1	0	0	
		References	Study Quality													
		110 (26181182)	3													
		109 (21115873)	4													
		113 (27043655)	3													
		111 (31909690)	4													
		112 (30759371)	3													
MRI pelvis without IV contrast	May be appropriate	Limited	○ ○ mSv	○ ○ mSv [ped]	6	6	0	0	0	2	2	4	2	1	3	
		References	Study Quality													
		115 (22109291)	3													
		110 (26181182)	3													
		114 (15197809)	3													
		49 (26215604)	M													
		109 (21115873)	4													
		111 (31909690)	4													

		112 (30759371)			3												
Bone scan whole body	May be appropriate	Strong	☹☹☹ 1-10 mSv	☹☹☹☹ 3-10 mSv [ped]	6	6	0	0	1	0	3	4	2	2	2		
		References		Study Quality													
		20 (23271765)		4													
		78 (28317247)		3													
		79 (29043431)		2													
		80 (28958581)		Good													
		95 (31127357)		Good													
		97 (30972933)		4													
		96 (30519933)		2													
Choline PET/CT skull base to mid-thigh	May be appropriate	Strong	☹☹☹ 1-10 mSv		6	6	0	0	0	1	4	7	1	0	0		
		References		Study Quality													
		99 (25649494)		3													
		100 (30448957)		3													
		96 (30519933)		2													
		98 (31358294)		Good													
Fluoride PET/CT whole body	May be appropriate	Strong	☹☹☹☹ 10-30 mSv	☹☹☹☹ 3-10 mSv [ped]	6	6	0	2	0	0	4	6	1	0	0		
		References		Study Quality													
		20 (23271765)		4													
		79 (29043431)		2													
		107 (30877561)		Good													
		108 (30382380)		3													
Fluciclovine PET/MRI skull base to mid-thigh	May be appropriate	Strong	☹☹☹ 1-10 mSv		6	6	0	0	0	2	3	4	4	0	0		
		References		Study Quality													
		105 (29294158)		2													
		102 (29147764)		2													

			103 (28986510)		3											
			98 (31358294)		Good											
			106 (32347780)		2											
CT abdomen and pelvis without and with IV contrast	May be appropriate (Disagreement)	Expert Opinion	⊕⊕⊕⊕ 10-30 mSv	⊕⊕⊕⊕⊕ 10-30 mSv [ped]	5	5	9	1	0	0	1	0	2	0	0	
TRUS-guided biopsy prostate	May be appropriate	Limited	○ ○ mSv	○ ○ mSv [ped]	5	5	0	1	0	1	7	1	2	1	1	
		References	Study Quality													
		110 (26181182)	3													
		109 (21115873)	4													
		111 (31909690)	4													
MRI whole body without IV contrast	May be appropriate (Disagreement)	Expert Opinion	○ ○ mSv	○ ○ mSv [ped]	5	5	0	1	1	0	9	0	2	0	0	
		References	Study Quality													
		115 (22109291)	3													
		110 (26181182)	3													
		114 (15197809)	3													
		49 (26215604)	M													
		109 (21115873)	4													
		117 (28957842)	2													
		116 (28216327)	3													
		96 (30519933)	2													
		111 (31909690)	4													
		112 (30759371)	3													
		108 (30382380)	3													
MRI whole body without and with IV contrast	May be appropriate (Disagreement)	Expert Opinion	○ ○ mSv	○ ○ mSv [ped]	5	5	0	1	1	0	3	5	2	1	0	
		References	Study Quality													
		115 (22109291)	3													

[illegible]

Variant 5: Clinically established high-risk prostate cancer. Staging.

Procedure	Appropriateness Category	SOE	Adults RRL	Peds RRL	Rating	Median	Final Tabulations								
							1	2	3	4	5	6	7	8	9
CT abdomen and pelvis with IV contrast	Usually appropriate	Limited	☹☹☹ 1-10 mSv	☹☹☹☹ 3-10 mSv [ped]	8	8	0	0	0	0	0	1	3	6	4
		References		Study Quality											
		20 (23271765)		4											
CT chest abdomen pelvis with IV contrast	Usually appropriate	Limited	☹☹☹☹ 10-30 mSv	☹☹☹☹ 3-10 mSv [ped]	8	8	0	0	1	0	1	1	2	7	2
		References		Study Quality											
		20 (23271765)		4											
MRI pelvis without and with IV contrast	Usually appropriate	Limited	○ ○ 0 mSv	○ ○ 0 mSv [ped]	8	8	0	0	0	0	2	1	3	5	3
		References		Study Quality											
		115 (22109291)		3											
		114 (15197809)		3											
		49 (26215604)		M											
Bone scan whole body	Usually appropriate	Strong	☹☹☹ 1-10 mSv	☹☹☹☹ 3-10 mSv [ped]	8	8	0	0	0	0	0	0	2	6	6
		References		Study Quality											
		20 (23271765)		4											
		78 (28317247)		3											
		79 (29043431)		2											
		80 (28958581)		Good											
		95 (31127357)		Good											
		97 (30972933)		4											
		96 (30519933)		2											
PSMA PET/CT skull base to mid-thigh	Usually appropriate	Strong	☹☹☹☹ 10-30 mSv		8	8	0	0	0	0	0	1	3	4	6
		References		Study Quality											
		117 (28957842)		2											

		108 (30382380)	3														
Choline PET/MRI skull base to mid-thigh	Usually appropriate	Strong	☹☹☹ 1-10 mSv		7	7	0	0	0	0	1	1	6	4	2		
		References	Study Quality														
		99 (25649494)	3														
		101 (29323548)	2														
		100 (30448957)	3														
		96 (30519933)	2														
		98 (31358294)	Good														
Fluciclovine PET/MRI skull base to mid-thigh	Usually appropriate	Strong	☹☹☹ 1-10 mSv		7	7	0	0	0	0	1	3	5	4	1		
		References	Study Quality														
		105 (29294158)	2														
		102 (29147764)	2														
		98 (31358294)	Good														
		106 (32347780)	2														
CT abdomen and pelvis without IV contrast	May be appropriate	Limited	☹☹☹ 1-10 mSv	☹☹☹☹ 3-10 mSv [ped]	6	6	0	0	1	0	4	4	3	2	0		
		References	Study Quality														
		20 (23271765)	4														
CT chest abdomen pelvis without IV contrast	May be appropriate	Limited	☹☹☹☹ 10-30 mSv	☹☹☹☹ 3-10 mSv [ped]	6	6	0	1	0	0	5	3	3	2	0		
		References	Study Quality														
		20 (23271765)	4														
MRI abdomen and pelvis without IV contrast	May be appropriate	Limited	0 0 mSv	0 0 mSv [ped]	6	6	0	0	0	0	3	7	2	1	0		
		References	Study Quality														
		20 (23271765)	4														
		110 (26181182)	3														
		109 (21115873)	4														

FDG-PET/CT whole body	Usually not appropriate	Expert Consensus	☢☢☢☢ 10-30 mSv	☢☢☢☢☢ 3-10 mSv [ped]	3	3	4	1	6	0	0	1	1	0	0
FDG-PET/MRI skull base to mid-thigh	Usually not appropriate	Expert Consensus	☢☢☢ 1-10 mSv		3	3	4	1	6	0	1	0	1	0	0
TRUS-guided biopsy prostate	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	2	2	6	7	0	0	0	0	0	0	0
MRI-targeted biopsy prostate	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	2	2	4	6	1	0	1	1	0	0	0
CT chest abdomen pelvis without and with IV contrast	Usually not appropriate	Expert Consensus	☢☢☢☢☢ 10-30 mSv	☢☢☢☢☢ 10-30 mSv [ped]	1	1	10	1	0	0	1	0	0	1	0
TRUS prostate	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	8	3	1	0	1	0	1	0	0

Appendix Key

A more complete discussion of the items presented below can be found by accessing the supporting documents at the designated hyperlinks.

Appropriateness Category: The panel's recommendation for a procedure based on the assessment of the risks and benefits of performing the procedure for the specified clinical scenario.

SOE: Strength of Evidence. The assessment of the amount and quality of evidence found in the peer reviewed medical literature for an appropriateness recommendation.

- **References:** The citation number and PMID for the reference(s) associated with the recommendation.
- **Study Quality:** The assessment of the quality of an individual reference based on the number of study quality elements described in the reference.

RRL: Relative Radiation Level. A population based assessment of the amount of radiation a typical patient may be exposed to during the specified procedure.

Rating: The final rating (1-9 scale) for the procedure as determined by the panel during rating rounds.

Median: The median rating (1-9 scale) for the procedure as determined by the panel during rating rounds.

Final tabulations: A histogram showing the number of panel members who rated the procedure as noted in the column heading (ie, 1, 2, 3, etc.).

Additional supporting documents about the AC methodology and processes can be found at www.acr.org/ac.