

American College of Radiology
ACR Appropriateness Criteria®

Staging and Follow-up of Melanoma

Variant 1: Adult. Newly diagnosed cutaneous or muco-cutaneous melanoma. No signs or symptoms of regional or metastatic disease. No pathologic evidence of regional nodal metastases. Initial staging.

Procedure	Appropriateness Category	SOE	Adults RRL	Peds RRL	Rating	Median	Final Tabulations								
							1	2	3	4	5	6	7	8	9
Lymphoscintigraphy area of interest	Usually appropriate	Strong	Varies	Varies	9	9	0	0	1	0	1	0	0	3	8
		References		Study Quality											
		19 (15026857)		4											
		20 (22738926)		4											
MRI head without and with IV contrast	Usually not appropriate	Limited	0 0 mSv	0 0 mSv [ped]	3	3	3	3	6	1	0	0	0	0	0
		References		Study Quality											
		25 (15302691)		4											
FDG-PET/CT whole body	Usually not appropriate	Limited	☼☼☼☼ 10-30 mSv	☼☼☼☼ 3-10 mSv [ped]	3	3	1	4	5	3	0	0	0	0	0
		References		Study Quality											
		34 (16474909)		3											
		30 (24375280)		3											
		32 (26597332)		4											
CT abdomen and pelvis with IV contrast	Usually not appropriate	Limited	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	7	3	3	0	0	0	0	0	0
		References		Study Quality											
		25 (15302691)		4											

CT abdomen and pelvis without IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	10	2	1	0	0	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	1	1	0	0	1	0	0	0
CT chest with IV contrast	Usually not appropriate	Limited	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	8	5	0	0	0	0	0	0	0

		References		Study Quality											
		25 (15302691)		4											
CT chest without IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	10	2	0	0	0	1	0	0	0
CT chest without and with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	11	2	0	0	0	0	0	0	0
CT head and neck with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv		1	1	10	2	1	0	0	0	0	0	0
CT head and neck without IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv		1	1	11	2	0	0	0	0	0	0	0
CT head and neck without and with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv		1	1	10	2	0	0	0	1	0	0	0
MRI abdomen and pelvis without IV contrast	Usually not appropriate	Expert Consensus	○ ○ mSv	○ ○ mSv [ped]	1	1	11	2	0	0	0	0	0	0	0
MRI abdomen and pelvis without and with IV contrast	Usually not appropriate	Expert Consensus	○ ○ mSv	○ ○ mSv [ped]	1	1	10	3	0	0	0	0	0	0	0
MRI head without IV contrast	Usually not appropriate	Expert Consensus	○ ○ mSv	○ ○ mSv [ped]	1	1	10	3	0	0	0	0	0	0	0
Bone scan whole body	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	11	2	0	0	0	0	0	0	0

[illegible]

Variant 2: Adult. Newly diagnosed cutaneous or muco-cutaneous melanoma. Microscopic satellite in primary lesion biopsy specimen, or positive lymph nodes on wide excision or sentinel lymph node biopsy, or suspected regional lymph node involvement based on signs or symptoms. Initial staging.

Procedure	Appropriateness Category	SOE	Adults RRL	Peds RRL	Rating	Median	Final Tabulations								
							1	2	3	4	5	6	7	8	9
FDG-PET/CT whole body	Usually appropriate	Strong	☼☼☼☼ 10-30 mSv	☼☼☼☼ 3-10 mSv [ped]	8	8	0	0	0	0	0	0	2	8	3
		References		Study Quality											
		34 (16474909)		3											
		37 (20422454)		2											
MRI head without and with IV contrast	May be appropriate	Limited	○ ○ mSv	○ ○ mSv [ped]	6	6	0	0	0	2	4	3	3	1	0
		References		Study Quality											
		25 (15302691)		4											
		37 (20422454)		2											
		53 (29596475)		3											
US area of interest	May be appropriate	Strong	○ ○ mSv	○ ○ mSv [ped]	6	6	0	0	0	0	3	5	2	2	1
		References		Study Quality											
		44 (12673722)		4											
		3 (16319474)		3											
		43 (10861430)		3											

CT abdomen and pelvis with IV contrast	May be appropriate	Limited	☹☹☹ 1-10 mSv	☹☹☹☹ 3-10 mSv [ped]	5	5	0	0	1	3	7	0	2	0	0
		References		Study Quality											
		54 (17453294)		4											
		25 (15302691)		4											
CT chest with IV contrast	May be appropriate	Limited	☹☹☹ 1-10 mSv	☹☹☹☹ 3-10 mSv [ped]	5	5	0	0	1	4	6	0	2	0	0
		References		Study Quality											
		54 (17453294)		4											
		25 (15302691)		4											
MRI abdomen and pelvis without and with IV contrast	May be appropriate	Limited	○ ○ mSv	○ ○ mSv [ped]	5	5	0	0	1	3	8	0	1	0	0
MRI abdomen and pelvis without IV contrast	May be appropriate	Limited	○ ○ mSv	○ ○ mSv [ped]	4	4	1	0	2	5	3	1	1	0	0
		References		Study Quality											
		52 (15837408)		2											
CT chest without IV contrast	Usually not appropriate	Limited	☹☹☹ 1-10 mSv	☹☹☹☹ 3-10 mSv [ped]	3	3	2	2	7	2	0	0	0	0	0
		References		Study Quality											
		54 (17453294)		4											
Radiography chest	Usually not appropriate	Limited	☹ <0.1 mSv	☹ <0.03 mSv [ped]	3	3	3	3	2	3	1	1	0	0	0
		References		Study Quality											
		25 (15302691)		4											
CT abdomen and pelvis without IV contrast	Usually not appropriate	Expert Consensus	☹☹☹ 1-10 mSv	☹☹☹☹ 3-10 mSv [ped]	1	1	9	3	1	0	0	0	0	0	0
		References		Study Quality											
		54 (17453294)		4											

CT abdomen and pelvis without and with IV contrast	Usually not appropriate	Expert Consensus	⚠⚠⚠⚠ 10-30 mSv	⚠⚠⚠⚠⚠ 10-30 mSv [ped]	1	1	8	3	1	0	0	0	1	0	0
		References		Study Quality											
		54 (17453294)		4											
CT chest without and with IV contrast	Usually not appropriate	Expert Consensus	⚠⚠⚠ 1-10 mSv	⚠⚠⚠⚠ 3-10 mSv [ped]	1	1	9	4	0	0	0	0	0	0	0
		References		Study Quality											
		54 (17453294)		4											
CT head with IV contrast	Usually not appropriate	Expert Consensus	⚠⚠⚠ 1-10 mSv	⚠⚠⚠ 0.3-3 mSv [ped]	1	1	7	4	1	0	0	1	0	0	0
CT head without IV contrast	Usually not appropriate	Expert Consensus	⚠⚠⚠ 1-10 mSv	⚠⚠⚠ 0.3-3 mSv [ped]	1	1	9	3	1	0	0	0	0	0	0
CT head without and with IV contrast	Usually not appropriate	Expert Consensus	⚠⚠⚠ 1-10 mSv	⚠⚠⚠⚠ 3-10 mSv [ped]	1	1	8	4	1	0	0	0	0	0	0
MRI head without IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	8	3	1	0	0	1	0	0	0
Bone scan whole body	Usually not appropriate	Expert Consensus	⚠⚠⚠ 1-10 mSv	⚠⚠⚠⚠ 3-10 mSv [ped]	1	1	9	2	2	0	0	0	0	0	0
Lymphoscintigraphy area of interest	Usually not appropriate	Expert Consensus	Varies	Varies	1	1	9	2	1	0	0	0	0	1	0

Variant 3: Adult. Cutaneous or muco-cutaneous melanoma. Negative clinical or surgical regional lymph nodes or metastatic disease at initial diagnosis. Surveillance.

Procedure	Appropriateness Category	SOE	Adults RRL	Peds RRL	Rating	Median	Final Tabulations								
							1	2	3	4	5	6	7	8	9
MRI head without and with IV contrast	May be appropriate	Limited	○ 0 mSv	○ 0 mSv [ped]	6	6	0	0	0	1	4	2	5	1	0

FDG-PET/CT whole body	May be appropriate	Limited	☼☼☼☼ 10-30 mSv	☼☼☼☼ 3-10 mSv [ped]	6	6	1	0	0	3	1	4	3	1	0
CT chest with IV contrast	May be appropriate	Limited	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	5	5	0	0	1	2	8	0	2	0	0
CT chest without IV contrast	May be appropriate	Limited	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	4	4	0	0	1	6	5	0	1	0	0
CT abdomen and pelvis with IV contrast	Usually not appropriate	Limited	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	2	2	4	4	3	1	0	0	0	1	0
US area of interest	Usually not appropriate	Limited	○ 0 mSv	○ 0 mSv [ped]	2	2	5	4	3	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	9	3	1	0	0	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	0	0	0
CT chest without and with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	9	4	0	0	0	0	0	0	0
CT head with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼ 0.3-3 mSv [ped]	1	1	10	2	1	0	0	0	0	0	0
CT head without IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼ 0.3-3 mSv [ped]	1	1	10	3	0	0	0	0	0	0	0
CT head without and with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	10	3	0	0	0	0	0	0	0
MRI abdomen and pelvis without IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	10	2	1	0	0	0	0	0	0
MRI abdomen and pelvis without and with IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	9	3	1	0	0	0	0	0	0

MRI head without IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	10	3	0	0	0	0	0	0	0
Bone scan whole body	Usually not appropriate	Expert Consensus	⊗⊗⊗ 1-10 mSv	⊗⊗⊗⊗ 3-10 mSv [ped]	1	1	10	3	0	0	0	0	0	0	0
Radiography chest	Usually not appropriate	Limited	⊗ <0.1 mSv	⊗ <0.03 mSv [ped]	1	1	7	3	1	1	0	1	0	0	0
			References		Study Quality										
			55 (14732662)		3										

Variant 4: Adult. Cutaneous or muco-cutaneous melanoma. Positive clinical or surgical regional lymph nodes or metastatic disease at initial diagnosis. Surveillance.

Procedure	Appropriateness Category	SOE	Adults RRL	Peds RRL	Rating	Median	Final Tabulations								
							1	2	3	4	5	6	7	8	9
CT chest with IV contrast	Usually appropriate	Limited	⊗⊗⊗ 1-10 mSv	⊗⊗⊗⊗ 3-10 mSv [ped]	7	7	1	0	0	0	2	3	4	3	0
MRI head without and with IV contrast	Usually appropriate	Limited	○ 0 mSv	○ 0 mSv [ped]	7	7	1	0	0	1	0	0	5	5	1
			References		Study Quality										
			65 (34741440)		4										
FDG-PET/CT whole body	Usually appropriate	Limited	⊗⊗⊗⊗ 10-30 mSv	⊗⊗⊗⊗ 3-10 mSv [ped]	7	7	1	0	0	0	2	2	3	4	1
CT abdomen and pelvis with IV contrast	May be appropriate	Limited	⊗⊗⊗ 1-10 mSv	⊗⊗⊗⊗ 3-10 mSv [ped]	6	6	0	0	0	1	5	4	3	0	0
US area of interest	May be appropriate	Limited	○ 0 mSv	○ 0 mSv [ped]	5	5	0	0	0	3	5	3	1	1	0
CT chest without IV contrast	May be appropriate	Limited	⊗⊗⊗ 1-10 mSv	⊗⊗⊗⊗ 3-10 mSv [ped]	4	4	1	2	3	4	2	1	0	0	0

CT head with IV contrast	Usually not appropriate	Limited	☼☼☼ 1-10 mSv	☼☼☼ 0.3-3 mSv [ped]	3	3	4	2	6	1	0	0	0	0	0
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	0	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	8	2	2	0	0	1	0	0	0
CT chest without and with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	9	4	0	0	0	0	0	0	0
CT head without IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼ 0.3-3 mSv [ped]	1	1	11	2	0	0	0	0	0	0	0
CT head without and with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	10	3	0	0	0	0	0	0	0
MRI abdomen and pelvis without IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	9	3	0	1	0	0	0	0	0
MRI abdomen and pelvis without and with IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	7	3	1	2	0	0	0	0	0
MRI head without IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	8	4	0	1	0	0	0	0	0
Bone scan whole body	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	10	3	0	0	0	0	0	0	0
Radiography chest	Usually not appropriate	Limited	☼ <0.1 mSv	☼ <0.03 mSv [ped]	1	1	7	3	2	0	0	1	0	0	0

Variant 5: Adult. Recurrent cutaneous, muco-cutaneous, or ocular melanoma. Suspected regional recurrence or metastatic disease. Staging.

Procedure	Appropriateness Category	SOE	Adults RRL	Peds RRL	Rating	Median	Final Tabulations								
							1	2	3	4	5	6	7	8	9
FDG-PET/CT whole body	Usually appropriate	Strong	⊕⊕⊕⊕ 10-30 mSv	⊕⊕⊕⊕ 3-10 mSv [ped]	8	8	0	0	0	0	0	1	2	6	4
CT abdomen and pelvis with IV contrast	Usually appropriate	Limited	⊕⊕⊕ 1-10 mSv	⊕⊕⊕⊕ 3-10 mSv [ped]	7	7	0	0	1	0	1	4	3	3	1
CT chest with IV contrast	Usually appropriate	Limited	⊕⊕⊕ 1-10 mSv	⊕⊕⊕⊕ 3-10 mSv [ped]	7	7	0	0	1	0	3	2	5	2	0
MRI abdomen and pelvis without and with IV contrast	Usually appropriate	Limited	○ 0 mSv	○ 0 mSv [ped]	7	7	1	0	0	0	1	2	3	4	2
MRI head without and with IV contrast	Usually appropriate	Limited	○ 0 mSv	○ 0 mSv [ped]	7	7	0	0	0	0	0	1	8	2	2
US area of interest	Usually appropriate	Limited	○ 0 mSv	○ 0 mSv [ped]	7	7	0	0	0	1	2	1	4	3	2
CT chest without IV contrast	May be appropriate (Disagreement)	Expert Opinion	⊕⊕⊕ 1-10 mSv	⊕⊕⊕⊕ 3-10 mSv [ped]	5	5	2	1	4	3	1	2	0	0	0
Radiography chest	Usually not appropriate	Limited	⊕ <0.1 mSv	⊕ <0.03 mSv [ped]	2	2	6	3	3	0	0	1	0	0	0
CT abdomen and pelvis without IV contrast	Usually not appropriate	Expert Consensus	⊕⊕⊕ 1-10 mSv	⊕⊕⊕⊕ 3-10 mSv [ped]	1	1	8	2	3	0	0	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	8	2	2	0	0	0	1	0	0
CT chest without and with IV contrast	Usually not appropriate	Expert Consensus	⊕⊕⊕ 1-10 mSv	⊕⊕⊕⊕ 3-10 mSv [ped]	1	1	8	3	2	0	0	0	0	0	0
CT head with IV contrast	Usually not appropriate	Expert Consensus	⊕⊕⊕ 1-10 mSv	⊕⊕⊕ 0.3-3 mSv [ped]	1	1	7	4	1	1	0	0	0	0	0

CT head without IV contrast	Usually not appropriate	Expert Consensus	☹☹☹ 1-10 mSv	☹☹☹ 0.3-3 mSv [ped]	1	1	10	3	0	0	0	0	0	0	0
CT head without and with IV contrast	Usually not appropriate	Expert Consensus	☹☹☹ 1-10 mSv	☹☹☹☹ 3-10 mSv [ped]	1	1	8	4	0	0	1	0	0	0	0
MRI abdomen and pelvis without IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	8	2	2	1	0	0	0	0	0
MRI head without IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	8	2	2	0	0	1	0	0	0
Bone scan whole body	Usually not appropriate	Expert Consensus	☹☹☹ 1-10 mSv	☹☹☹☹ 3-10 mSv [ped]	1	1	9	2	2	0	0	0	0	0	0

Variant 6: Adult. Ocular melanoma. Initial staging.

Procedure	Appropriateness Category	SOE	Adults RRL	Peds RRL	Rating	Median	Final Tabulations								
							1	2	3	4	5	6	7	8	9
MRI abdomen and pelvis without and with IV contrast	Usually appropriate	Limited	○ 0 mSv	○ 0 mSv [ped]	8	8	0	0	0	0	0	1	3	5	4
MRI head without and with IV contrast	Usually appropriate	Limited	○ 0 mSv	○ 0 mSv [ped]	7	7	0	0	0	0	0	4	4	3	2
FDG-PET/CT whole body	Usually appropriate	Limited	☹☹☹☹ 10-30 mSv	☹☹☹☹ 3-10 mSv [ped]	7	7	0	0	1	0	2	1	5	2	2
CT abdomen and pelvis with IV contrast	May be appropriate	Limited	☹☹☹ 1-10 mSv	☹☹☹☹ 3-10 mSv [ped]	5	5	0	0	0	3	5	3	2	0	0
US abdomen	May be appropriate	Limited	○ 0 mSv	○ 0 mSv [ped]	4	4	0	0	2	7	3	0	1	0	0
CT chest with IV contrast	Usually not appropriate	Expert Consensus	☹☹☹ 1-10 mSv	☹☹☹☹ 3-10 mSv [ped]	2	2	6	3	1	2	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	8	2	3	0	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	8	2	2	0	0	1	0	0
CT chest without IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	7	4	0	1	0	1	0	0
CT chest without and with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	8	4	1	0	0	0	0	0
CT head with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼ 0.3-3 mSv [ped]	1	1	7	4	1	0	0	0	0	1
CT head without IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼ 0.3-3 mSv [ped]	1	1	9	3	1	0	0	0	0	0
CT head without and with IV contrast	Usually not appropriate	Expert Consensus	☼☼☼ 1-10 mSv	☼☼☼☼ 3-10 mSv [ped]	1	1	8	4	1	0	0	0	0	0
MRI abdomen and pelvis without IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	7	2	3	0	0	1	0	0
MRI head without IV contrast	Usually not appropriate	Expert Consensus	○ 0 mSv	○ 0 mSv [ped]	1	1	8	3	1	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	1	0	0	0	0	0
Radiography chest	Usually not appropriate	Expert Consensus	☼ <0.1 mSv	☼ <0.03 mSv [ped]	1	1	8	4	0	0	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.