

**American College of Radiology**  
**ACR Appropriateness Criteria®**

## Right Lower Quadrant Pain

**Variant 1: Right lower quadrant pain. Initial imaging.**

| 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      | Strong                                              | ☹☹☹ 1-10 mSv       | ☹☹☹☹ 3-10 mSv [ped] | 9       | 9      | 1                 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 12            |
|                                        |                          | References                                          |                    | Study Quality       |         |        |                   |   |   |   |   |   |   |   |               |
|                                        |                          | 29 (26341808)                                       |                    | 2                   |         |        |                   |   |   |   |   |   |   |   |               |
|                                        |                          | 33 (25419588)                                       |                    | 3                   |         |        |                   |   |   |   |   |   |   |   |               |
|                                        |                          | 27 (23023965)                                       |                    | 2                   |         |        |                   |   |   |   |   |   |   |   |               |
|                                        |                          | 26 (19843741)                                       |                    | 2                   |         |        |                   |   |   |   |   |   |   |   |               |
|                                        |                          | 34 (19733421)                                       |                    | 4                   |         |        |                   |   |   |   |   |   |   |   |               |
|                                        |                          | 31 (2239906)                                        |                    | 4                   |         |        |                   |   |   |   |   |   |   |   |               |
|                                        |                          | 28 (31743429)                                       |                    | Good                |         |        |                   |   |   |   |   |   |   |   |               |
|                                        |                          | 32 (31219315)                                       |                    | 4                   |         |        |                   |   |   |   |   |   |   |   |               |
|                                        |                          | 1 (32684379)                                        |                    | 3                   |         |        |                   |   |   |   |   |   |   |   |               |
|                                        |                          | 30 (33211574)                                       |                    | 3                   |         |        |                   |   |   |   |   |   |   |   |               |
|                                        |                          | MRI abdomen and pelvis without and with IV contrast | May be appropriate | Strong              | ○ ○ mSv |        |                   |   |   |   |   |   |   |   | ○ ○ mSv [ped] |
|                                        |                          | References                                          |                    | Study Quality       |         |        |                   |   |   |   |   |   |   |   |               |
|                                        |                          | 40 (26901006)                                       |                    | Good                |         |        |                   |   |   |   |   |   |   |   |               |
|                                        |                          | 36 (26807893)                                       |                    | 2                   |         |        |                   |   |   |   |   |   |   |   |               |
|                                        |                          | 37 (26526902)                                       |                    | 3                   |         |        |                   |   |   |   |   |   |   |   |               |
|                                        |                          | 38 (24272981)                                       |                    | 2                   |         |        |                   |   |   |   |   |   |   |   |               |





|                             |                         |                  |                |                     |               |   |   |   |   |   |   |   |   |   |   |  |
|-----------------------------|-------------------------|------------------|----------------|---------------------|---------------|---|---|---|---|---|---|---|---|---|---|--|
|                             |                         | 30 (33211574)    |                |                     | 3             |   |   |   |   |   |   |   |   |   |   |  |
| Fluoroscopy contrast enema  | Usually not appropriate | Expert Consensus | ☼☼☼ 1-10 mSv   | ☼☼☼☼ 3-10 mSv [ped] | 2             | 2 | 8 | 5 | 3 | 1 | 0 | 0 | 0 | 0 | 1 |  |
| WBC scan abdomen and pelvis | Usually not appropriate | Limited          | ☼☼☼☼ 10-30 mSv |                     | 2             | 2 | 4 | 6 | 6 | 0 | 1 | 0 | 0 | 0 | 1 |  |
|                             |                         | References       |                |                     | Study Quality |   |   |   |   |   |   |   |   |   |   |  |
|                             |                         | 52 (1456603)     |                |                     | 3             |   |   |   |   |   |   |   |   |   |   |  |

**Variant 2: Right lower quadrant pain, fever, leukocytosis. Suspected appendicitis. Initial imaging.**

| 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      | Strong        | ☢☢☢ 1-10 mSv | ☢☢☢☢ 3-10 mSv [ped] | 8      | n/a    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                        |                          | References    |              | Study Quality       |        |        |                   |   |   |   |   |   |   |   |   |
|                                        |                          | 57 (27318889) |              | 2                   |        |        |                   |   |   |   |   |   |   |   |   |
|                                        |                          | 18 (26518583) |              | 2                   |        |        |                   |   |   |   |   |   |   |   |   |
|                                        |                          | 29 (26341808) |              | 2                   |        |        |                   |   |   |   |   |   |   |   |   |
|                                        |                          | 58 (26248155) |              | 3                   |        |        |                   |   |   |   |   |   |   |   |   |
|                                        |                          | 56 (26031278) |              | Good                |        |        |                   |   |   |   |   |   |   |   |   |
|                                        |                          | 62 (25831188) |              | 4                   |        |        |                   |   |   |   |   |   |   |   |   |
|                                        |                          | 66 (25714280) |              | 3                   |        |        |                   |   |   |   |   |   |   |   |   |
|                                        |                          | 8 (25488354)  |              | 2                   |        |        |                   |   |   |   |   |   |   |   |   |
|                                        |                          | 59 (25320531) |              | 3                   |        |        |                   |   |   |   |   |   |   |   |   |
|                                        |                          | 67 (25154940) |              | 3                   |        |        |                   |   |   |   |   |   |   |   |   |
|                                        |                          | 61 (25127845) |              | 3                   |        |        |                   |   |   |   |   |   |   |   |   |
|                                        |                          | 64 (24633221) |              | 2                   |        |        |                   |   |   |   |   |   |   |   |   |
|                                        |                          | 55 (24598250) |              | 2                   |        |        |                   |   |   |   |   |   |   |   |   |
|                                        |                          | 53 (23845254) |              | 2                   |        |        |                   |   |   |   |   |   |   |   |   |
|                                        |                          | 54 (22951113) |              | 3                   |        |        |                   |   |   |   |   |   |   |   |   |

|               |      |
|---------------|------|
| 27 (23023965) | 2    |
| 63 (22818790) | 2    |
| 60 (22226440) | 4    |
| 31 (2239906)  | 4    |
| 10 (21251432) | Good |
| 28 (31743429) | Good |
| 65 (29916776) | Good |
| 30 (33211574) | 3    |

|                                           |                    |        |              |                     |   |     |   |   |   |   |   |   |   |   |   |
|-------------------------------------------|--------------------|--------|--------------|---------------------|---|-----|---|---|---|---|---|---|---|---|---|
| CT abdomen and pelvis without IV contrast | May be appropriate | Strong | ☼☼☼ 1-10 mSv | ☼☼☼☼ 3-10 mSv [ped] | 6 | n/a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------------------------------------|--------------------|--------|--------------|---------------------|---|-----|---|---|---|---|---|---|---|---|---|

| References    | Study Quality |
|---------------|---------------|
| 57 (27318889) | 2             |
| 18 (26518583) | 2             |
| 29 (26341808) | 2             |
| 58 (26248155) | 3             |
| 56 (26031278) | Good          |
| 62 (25831188) | 4             |
| 66 (25714280) | 3             |
| 8 (25488354)  | 2             |
| 59 (25320531) | 3             |
| 67 (25154940) | 3             |
| 61 (25127845) | 3             |
| 64 (24633221) | 2             |
| 55 (24598250) | 2             |
| 53 (23845254) | 2             |
| 54 (22951113) | 3             |
| 27 (23023965) | 2             |
| 63 (22818790) | 2             |
| 60 (22226440) | 4             |
| 31 (2239906)  | 4             |
| 10 (21251432) | Good          |

|                                                     |                    |               |         |               |   |     |   |   |   |   |   |   |   |   |   |   |  |
|-----------------------------------------------------|--------------------|---------------|---------|---------------|---|-----|---|---|---|---|---|---|---|---|---|---|--|
|                                                     |                    | 28 (31743429) |         | Good          |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 65 (29916776) |         | Good          |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 30 (33211574) |         | 3             |   |     |   |   |   |   |   |   |   |   |   |   |  |
| US abdomen                                          | May be appropriate | Strong        | O 0 mSv | O 0 mSv [ped] | 6 | n/a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                                                     |                    | References    |         | Study Quality |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 72 (27203288) |         | 3             |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 71 (25771443) |         | 3             |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 70 (25475515) |         | 3             |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 68 (24768483) |         | 3             |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 73 (22638942) |         | 4             |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 69 (22360013) |         | 3             |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 42 (2934762)  |         | 4             |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 65 (29916776) |         | Good          |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 74 (31404675) |         | Good          |   |     |   |   |   |   |   |   |   |   |   |   |  |
| MRI abdomen and pelvis without and with IV contrast | May be appropriate | Strong        | O 0 mSv | O 0 mSv [ped] | 5 | n/a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                                                     |                    | References    |         | Study Quality |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 40 (26901006) |         | Good          |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 36 (26807893) |         | 2             |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 37 (26526902) |         | 3             |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 38 (24272981) |         | 2             |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 39 (23481162) |         | 2             |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 3 (22033948)  |         | 2             |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 65 (29916776) |         | Good          |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 23 (31420704) |         | 3             |   |     |   |   |   |   |   |   |   |   |   |   |  |
| US pelvis                                           | May be appropriate | Limited       | O 0 mSv | O 0 mSv [ped] | 5 | n/a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                                                     |                    | References    |         | Study Quality |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 51 (25499245) |         | 3             |   |     |   |   |   |   |   |   |   |   |   |   |  |
|                                                     |                    | 50 (22421290) |         | 3             |   |     |   |   |   |   |   |   |   |   |   |   |  |

|                                                    |                         |               |                |                       |   |     |   |   |   |   |   |   |   |   |   |  |
|----------------------------------------------------|-------------------------|---------------|----------------|-----------------------|---|-----|---|---|---|---|---|---|---|---|---|--|
|                                                    |                         | 75 (22273324) |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |  |
| MRI abdomen and pelvis without IV contrast         | May be appropriate      | Strong        | 0 0 mSv        | 0 0 mSv [ped]         | 4 | n/a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                                                    |                         | References    |                | Study Quality         |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 40 (26901006) |                | Good                  |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 36 (26807893) |                | 2                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 37 (26526902) |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 38 (24272981) |                | 2                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 39 (23481162) |                | 2                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 3 (22033948)  |                | 2                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 65 (29916776) |                | Good                  |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 23 (31420704) |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |  |
| CT abdomen and pelvis without and with IV contrast | Usually not appropriate | Strong        | ☢☢☢☢ 10-30 mSv | ☢☢☢☢☢ 10-30 mSv [ped] | 3 | n/a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                                                    |                         | References    |                | Study Quality         |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 57 (27318889) |                | 2                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 18 (26518583) |                | 2                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 29 (26341808) |                | 2                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 58 (26248155) |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 56 (26031278) |                | Good                  |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 62 (25831188) |                | 4                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 66 (25714280) |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 8 (25488354)  |                | 2                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 59 (25320531) |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 67 (25154940) |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 61 (25127845) |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 64 (24633221) |                | 2                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 55 (24598250) |                | 2                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 53 (23845254) |                | 2                     |   |     |   |   |   |   |   |   |   |   |   |  |
|                                                    |                         | 54 (22951113) |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |  |

|                             |                         |                  |                |                       |   |     |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------|-------------------------|------------------|----------------|-----------------------|---|-----|---|---|---|---|---|---|---|---|---|---|---|
|                             |                         |                  | 27 (23023965)  | 2                     |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                             |                         |                  | 63 (22818790)  | 2                     |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                             |                         |                  | 60 (22226440)  | 4                     |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                             |                         |                  | 31 (2239906)   | 4                     |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                             |                         |                  | 10 (21251432)  | Good                  |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                             |                         |                  | 28 (31743429)  | Good                  |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                             |                         |                  | 65 (29916776)  | Good                  |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                             |                         |                  | 30 (33211574)  | 3                     |   |     |   |   |   |   |   |   |   |   |   |   |   |
| Radiography abdomen         | Usually not appropriate | Limited          | ☼☼ 0.1-1mSv    | ☼☼ 0.03-0.3 mSv [ped] | 3 | n/a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                             |                         | References       | Study Quality  |                       |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                             |                         | 41 (22574093)    | 3              |                       |   |     |   |   |   |   |   |   |   |   |   |   |   |
| Fluoroscopy contrast enema  | Usually not appropriate | Expert Consensus | ☼☼☼ 1-10 mSv   | ☼☼☼☼ 3-10 mSv [ped]   | 2 | n/a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WBC scan abdomen and pelvis | Usually not appropriate | Limited          | ☼☼☼☼ 10-30 mSv |                       | 2 | n/a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                             |                         | References       | Study Quality  |                       |   |     |   |   |   |   |   |   |   |   |   |   |   |
|                             |                         | 52 (1456603)     | 3              |                       |   |     |   |   |   |   |   |   |   |   |   |   |   |

**Variant 3: Pregnant woman. Right lower quadrant pain, fever, leukocytosis. Suspected appendicitis. Initial imaging.**

| Procedure  | Appropriateness Category | SOE           | Adults RRL | Peds RRL      | Rating | Median | Final Tabulations |   |   |   |   |   |   |   |   |
|------------|--------------------------|---------------|------------|---------------|--------|--------|-------------------|---|---|---|---|---|---|---|---|
|            |                          |               |            |               |        |        | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| US abdomen | Usually appropriate      | Limited       | O 0 mSv    | O 0 mSv [ped] | 8      | n/a    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|            |                          | References    |            | Study Quality |        |        |                   |   |   |   |   |   |   |   |   |
|            |                          | 86 (27554180) |            | 3             |        |        |                   |   |   |   |   |   |   |   |   |
|            |                          | 85 (24151869) |            | 3             |        |        |                   |   |   |   |   |   |   |   |   |
|            |                          | 87 (22370694) |            | 3             |        |        |                   |   |   |   |   |   |   |   |   |
|            |                          | 42 (2934762)  |            | 4             |        |        |                   |   |   |   |   |   |   |   |   |

|                                                    |                         |                  |                |                       |   |     |   |   |   |   |   |   |   |   |   |
|----------------------------------------------------|-------------------------|------------------|----------------|-----------------------|---|-----|---|---|---|---|---|---|---|---|---|
| MRI abdomen and pelvis without IV contrast         | Usually appropriate     | Limited          | ○ 0 mSv        | ○ 0 mSv [ped]         | 7 | n/a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                                    |                         | References       |                | Study Quality         |   |     |   |   |   |   |   |   |   |   |   |
|                                                    |                         | 82 (26338256)    |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |
|                                                    |                         | 80 (26215327)    |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |
|                                                    |                         | 81 (25291255)    |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |
|                                                    |                         | 78 (25148766)    |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |
|                                                    |                         | 83 (23360736)    |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |
|                                                    |                         | 84 (-3188535)    |                | 4                     |   |     |   |   |   |   |   |   |   |   |   |
|                                                    |                         | 76 (29869102)    |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |
| US pelvis                                          | May be appropriate      | Expert Consensus | ○ 0 mSv        | ○ 0 mSv [ped]         | 6 | n/a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CT abdomen and pelvis with IV contrast             | May be appropriate      | Limited          | ⊗⊗⊗ 1-10 mSv   | ⊗⊗⊗⊗ 3-10 mSv [ped]   | 5 | n/a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                                    |                         | References       |                | Study Quality         |   |     |   |   |   |   |   |   |   |   |   |
|                                                    |                         | 78 (25148766)    |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |
|                                                    |                         | 33 (25419588)    |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |
|                                                    |                         | 79 (29948087)    |                | 4                     |   |     |   |   |   |   |   |   |   |   |   |
| CT abdomen and pelvis without IV contrast          | May be appropriate      | Limited          | ⊗⊗⊗ 1-10 mSv   | ⊗⊗⊗⊗ 3-10 mSv [ped]   | 4 | n/a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                                    |                         | References       |                | Study Quality         |   |     |   |   |   |   |   |   |   |   |   |
|                                                    |                         | 78 (25148766)    |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |
|                                                    |                         | 33 (25419588)    |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |
|                                                    |                         | 79 (29948087)    |                | 4                     |   |     |   |   |   |   |   |   |   |   |   |
| CT abdomen and pelvis without and with IV contrast | Usually not appropriate | Limited          | ⊗⊗⊗⊗ 10-30 mSv | ⊗⊗⊗⊗⊗ 10-30 mSv [ped] | 3 | n/a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                                    |                         | References       |                | Study Quality         |   |     |   |   |   |   |   |   |   |   |   |
|                                                    |                         | 78 (25148766)    |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |
|                                                    |                         | 33 (25419588)    |                | 3                     |   |     |   |   |   |   |   |   |   |   |   |



## 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](http://www.acr.org/ac).