

| | |
|---------------|---|
| 62 (19478654) | 1 |
| 63 (19657122) | 1 |
| 64 (1836154) | 4 |
| 65 (1627411) | 4 |
| 61 (24077202) | 3 |

| | | | | | | | | | | | | | | | |
|---|---------------------|--------|--------|--------|---|---|---|---|---|---|---|---|---|---|---|
| CT spine area of interest without IV contrast | Usually appropriate | Strong | Varies | Varies | 7 | 7 | 0 | 0 | 0 | 1 | 5 | 0 | 3 | 3 | 2 |
|---|---------------------|--------|--------|--------|---|---|---|---|---|---|---|---|---|---|---|

| | |
|---------------|---------------|
| References | Study Quality |
| 37 (28065376) | 2 |
| 9 (14519867) | 4 |
| 36 (22091375) | 4 |
| 38 (26537691) | 2 |
| 39 (26928067) | 2 |

| | | | | | | | | | | | | | | | |
|--|-------------------------|--------|--------|--------|---|---|---|---|---|---|---|---|---|---|---|
| CT spine area of interest without and with IV contrast | Usually not appropriate | Strong | Varies | Varies | 1 | 1 | 8 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
|--|-------------------------|--------|--------|--------|---|---|---|---|---|---|---|---|---|---|---|

| | |
|---------------|---------------|
| References | Study Quality |
| 37 (28065376) | 2 |
| 9 (14519867) | 4 |
| 36 (22091375) | 4 |
| 38 (26537691) | 2 |
| 39 (26928067) | 2 |

| | | | | | | | | | | | | | | | |
|--|-------------------------|--------|--------|--------|---|---|---|---|---|---|---|---|---|---|---|
| CT spine area of interest with IV contrast | Usually not appropriate | Strong | Varies | Varies | 1 | 1 | 8 | 2 | 3 | 0 | 1 | 0 | 0 | 0 | 0 |
|--|-------------------------|--------|--------|--------|---|---|---|---|---|---|---|---|---|---|---|

| | |
|---------------|---------------|
| References | Study Quality |
| 37 (28065376) | 2 |
| 9 (14519867) | 4 |
| 36 (22091375) | 4 |
| 38 (26537691) | 2 |
| 39 (26928067) | 2 |

| | | | | | | | | | | | | | | | |
|---|-------------------------|--------|---------|---------------|---|---|---|---|---|---|---|---|---|---|---|
| MRI spine area of interest without and with IV contrast | Usually not appropriate | Strong | 0 0 mSv | 0 0 mSv [ped] | 2 | 2 | 6 | 2 | 4 | 0 | 1 | 0 | 0 | 0 | 1 |
|---|-------------------------|--------|---------|---------------|---|---|---|---|---|---|---|---|---|---|---|

| References | Study Quality |
|---------------|---------------|
| 43 (23619191) | 2 |
| 44 (18831901) | 2 |
| 42 (19504131) | 4 |
| 40 (19282740) | 4 |
| 45 (21779855) | 4 |
| 46 (21217433) | 2 |
| 41 (21162942) | 2 |
| 47 (25946722) | 2 |
| 48 (16687528) | 2 |

| | | | | | | | | | | | | | | | |
|--|---------------------|--------|---------|---------------|---|---|---|---|---|---|---|---|---|---|---|
| MRI spine area of interest without IV contrast | Usually appropriate | Strong | 0 0 mSv | 0 0 mSv [ped] | 8 | 8 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 4 | 6 |
|--|---------------------|--------|---------|---------------|---|---|---|---|---|---|---|---|---|---|---|

| References | Study Quality |
|---------------|---------------|
| 43 (23619191) | 2 |
| 44 (18831901) | 2 |
| 42 (19504131) | 4 |
| 40 (19282740) | 4 |
| 45 (21779855) | 4 |
| 46 (21217433) | 2 |
| 41 (21162942) | 2 |
| 47 (25946722) | 2 |
| 48 (16687528) | 2 |

| | | | | | | | | | | | | | | | |
|---|-------------------------|--------|---------|---------------|---|---|---|---|---|---|---|---|---|---|---|
| MRI spine area of interest with IV contrast | Usually not appropriate | Strong | 0 0 mSv | 0 0 mSv [ped] | 2 | 2 | 7 | 2 | 3 | 0 | 1 | 0 | 1 | 0 | 0 |
|---|-------------------------|--------|---------|---------------|---|---|---|---|---|---|---|---|---|---|---|

| References | Study Quality |
|---------------|---------------|
| 43 (23619191) | 2 |
| 44 (18831901) | 2 |
| 42 (19504131) | 4 |
| 40 (19282740) | 4 |
| 45 (21779855) | 4 |
| 46 (21217433) | 2 |

| | |
|---------------|---|
| 41 (21162942) | 2 |
| 47 (25946722) | 2 |
| 48 (16687528) | 2 |

| | | | | | | | | | | | | | | | |
|-------------------------------------|--------------------|--------|-----|-----|---|---|---|---|---|---|---|---|---|---|---|
| Percutaneous vertebral augmentation | May be appropriate | Strong | N/A | N/A | 6 | 6 | 0 | 0 | 0 | 0 | 4 | 5 | 1 | 4 | 0 |
|-------------------------------------|--------------------|--------|-----|-----|---|---|---|---|---|---|---|---|---|---|---|

| References | Study Quality |
|---------------|---------------|
| 82 (26630417) | 1 |
| 76 (27400110) | 2 |
| 19 (27544377) | 1 |
| 74 (25787683) | 2 |
| 78 (25404372) | 2 |
| 77 (23391839) | 3 |
| 30 (23021641) | 1 |
| 20 (21375382) | 1 |
| 84 (21076886) | 3 |
| 80 (20625321) | 2 |
| 83 (20372942) | 3 |
| 85 (19829253) | 3 |
| 31 (22116114) | 2 |
| 33 (24325929) | 4 |
| 69 (9403451) | 4 |
| 62 (19478654) | 1 |
| 72 (20190623) | 1 |
| 67 (9536480) | 4 |
| 63 (19657122) | 1 |
| 66 (10529144) | 2 |
| 73 (19246088) | 1 |
| 71 (20701962) | 1 |
| 70 (19657121) | 1 |
| 81 (22194515) | 2 |
| 75 (16429288) | 4 |

| | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------------|------------------|-----|---------------|---|---|----|---|---|---|---|---|---|---|---|
| Percutaneous vertebral augmentation | Usually appropriate | Strong | N/A | N/A | 7 | 7 | 0 | 1 | 0 | 0 | 4 | 2 | 3 | 3 | 1 |
| | | References | | Study Quality | | | | | | | | | | | |
| | | 91 (24744201) | | 3 | | | | | | | | | | | |
| | | 18 (24315046) | | 1 | | | | | | | | | | | |
| | | 14 (24253785) | | 1 | | | | | | | | | | | |
| | | 92 (24077200) | | 2 | | | | | | | | | | | |
| | | 29 (22628598) | | 3 | | | | | | | | | | | |
| | | 20 (21375382) | | 1 | | | | | | | | | | | |
| | | 80 (20625321) | | 2 | | | | | | | | | | | |
| | | 31 (22116114) | | 2 | | | | | | | | | | | |
| | | 33 (24325929) | | 4 | | | | | | | | | | | |
| | | 81 (22194515) | | 2 | | | | | | | | | | | |
| | | 1 (8324412) | | 4 | | | | | | | | | | | |
| | | 61 (24077202) | | 3 | | | | | | | | | | | |
| | | 79 (18989668) | | 2 | | | | | | | | | | | |
| | | 89 (10892628) | | 4 | | | | | | | | | | | |
| | | 90 (8324411) | | 4 | | | | | | | | | | | |
| Percutaneous thermal ablation | Usually not appropriate | Limited | N/A | N/A | 1 | 1 | 12 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | References | | Study Quality | | | | | | | | | | | |
| | | 86 (18566009) | | 4 | | | | | | | | | | | |
| Surgical consultation | Usually not appropriate | Expert Consensus | N/A | N/A | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 1 | 0 | 1 | 0 |
| Radiation oncology consultation | Usually not appropriate | Expert Consensus | N/A | N/A | 1 | 1 | 9 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |

Variant 3: Painful osteoporotic compression fracture with edema on MRI. Contraindication to vertebral augmentation or surgery (eg, fitness, pregnancy, infection, coagulation disorder, etc.).

| Procedure | Appropriateness Category | SOE | Adults RRL | Peds RRL | Rating | Median | Final Tabulations | | | | | | | | |
|---------------------------------|--------------------------|------------------|------------|----------|--------|--------|-------------------|---|---|---|---|---|---|---|----|
| | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Medical management | Usually appropriate | Expert Consensus | N/A | N/A | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 11 |
| Surgical consultation | May be appropriate | Expert Consensus | N/A | N/A | 5 | 5 | 0 | 0 | 0 | 2 | 7 | 2 | 2 | 0 | 1 |
| Radiation oncology consultation | Usually not appropriate | Expert Consensus | N/A | N/A | 1 | 1 | 11 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |

Variant 4: Known malignancy and new back pain. Compression fracture identified on radiographs or CT.

| Procedure | Appropriateness Category | SOE | Adults RRL | Peds RRL | Rating | Median | Final Tabulations | | | | | | | | |
|------------------------------------|--------------------------|------------------|----------------|-----------------------|--------|--------|-------------------|---|---|---|---|---|---|---|---|
| | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Bone scan whole body | May be appropriate | Expert Consensus | ☼☼☼ 1-10 mSv | ☼☼☼☼ 3-10 mSv [ped] | 5 | 5 | 0 | 1 | 0 | 1 | 8 | 3 | 0 | 2 | 0 |
| FDG-PET/CT skull base to mid-thigh | May be appropriate | Limited | ☼☼☼☼ 10-30 mSv | ☼☼☼☼☼ 10-30 mSv [ped] | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 4 | 2 | 1 | 1 |

| References | Study Quality |
|----------------|---------------|
| 113 (23251117) | 4 |
| 57 (12195540) | 4 |
| 59 (12811277) | 1 |
| 58 (11914890) | 4 |
| 114 (27694173) | 4 |

| | | | | | | | | | | | | | | | |
|---|---------------------|--------|---------|---------------|---|---|---|---|---|---|---|---|---|---|---|
| MRI spine area of interest without and with IV contrast | Usually appropriate | Strong | 0 0 mSv | 0 0 mSv [ped] | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 8 |
|---|---------------------|--------|---------|---------------|---|---|---|---|---|---|---|---|---|---|---|

| References | Study Quality |
|----------------|---------------|
| 110 (23960179) | 4 |
| 81 (22194515) | 2 |

| | |
|----------------|---|
| 102 (24484060) | 2 |
| 103 (28670417) | 3 |
| 104 (26376170) | 4 |
| 106 (20580503) | 3 |
| 107 (19530588) | 3 |
| 108 (26204297) | 4 |
| 101 (21857034) | 3 |
| 109 (27441748) | 4 |
| 13 (20809724) | 4 |

| | | | | | | | | | | | | | | | |
|--|-----------------------------------|----------------|---------|---------------|---|---|---|---|---|---|---|---|---|---|---|
| MRI spine area of interest without IV contrast | May be appropriate (Disagreement) | Expert Opinion | 0 0 mSv | 0 0 mSv [ped] | 5 | 5 | 0 | 0 | 2 | 1 | 4 | 2 | 4 | 1 | 1 |
|--|-----------------------------------|----------------|---------|---------------|---|---|---|---|---|---|---|---|---|---|---|

| References | Study Quality |
|----------------|---------------|
| 110 (23960179) | 4 |
| 81 (22194515) | 2 |
| 102 (24484060) | 2 |
| 103 (28670417) | 3 |
| 104 (26376170) | 4 |
| 106 (20580503) | 3 |
| 107 (19530588) | 3 |
| 108 (26204297) | 4 |
| 101 (21857034) | 3 |
| 109 (27441748) | 4 |
| 13 (20809724) | 4 |

| | | | | | | | | | | | | | | | |
|---|--------------------|--------|---------|---------------|---|---|---|---|---|---|---|---|---|---|---|
| MRI spine area of interest with IV contrast | May be appropriate | Strong | 0 0 mSv | 0 0 mSv [ped] | 4 | 4 | 3 | 0 | 4 | 1 | 6 | 0 | 1 | 0 | 0 |
|---|--------------------|--------|---------|---------------|---|---|---|---|---|---|---|---|---|---|---|

| References | Study Quality |
|----------------|---------------|
| 110 (23960179) | 4 |
| 81 (22194515) | 2 |
| 102 (24484060) | 2 |
| 103 (28670417) | 3 |
| 104 (26376170) | 4 |

| | | | | | | | | | | | | | | | | | | |
|--|---------------------|------------------|----------------|---------------|---|---|---|---|---|---|---|---|---|---|---|--|--|--|
| | | 106 (20580503) | | | 3 | | | | | | | | | | | | | |
| | | 107 (19530588) | | | 3 | | | | | | | | | | | | | |
| | | 108 (26204297) | | | 4 | | | | | | | | | | | | | |
| | | 101 (21857034) | | | 3 | | | | | | | | | | | | | |
| | | 109 (27441748) | | | 4 | | | | | | | | | | | | | |
| | | 13 (20809724) | | | 4 | | | | | | | | | | | | | |
| Image-guided biopsy spine area of interest | Usually appropriate | Expert Consensus | Varies | Varies | 7 | 7 | 0 | 0 | 0 | 1 | 5 | 1 | 2 | 4 | 1 | | | |
| SPECT or SPECT/CT spine area of interest | May be appropriate | Limited | ☢☢☢☢ 10-30 mSv | | 5 | 5 | 1 | 0 | 0 | 3 | 8 | 2 | 0 | 1 | 0 | | | |
| | | References | | Study Quality | | | | | | | | | | | | | | |
| | | 111 (8254410) | | 3 | | | | | | | | | | | | | | |
| | | 112 (18993040) | | 3 | | | | | | | | | | | | | | |

Variant 5: Asymptomatic pathologic spinal fracture with or without edema on MRI.

| Procedure | Appropriateness Category | SOE | Adults RRL | Peds RRL | Rating | Median | Final Tabulations | | | | | | | | | | | |
|-------------------------------------|--------------------------|------------------|------------|---------------|--------|--------|-------------------|---|---|---|---|---|---|---|---|--|--|--|
| | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | |
| Medical management | Usually appropriate | Expert Consensus | N/A | N/A | 8 | 8 | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 4 | 4 | | | |
| Percutaneous vertebral augmentation | May be appropriate | Strong | N/A | N/A | 6 | 6 | 0 | 0 | 0 | 1 | 4 | 9 | 0 | 0 | 0 | | | |
| | | References | | Study Quality | | | | | | | | | | | | | | |
| | | 116 (21333599) | | 1 | | | | | | | | | | | | | | |
| | | 117 (8685351) | | 2 | | | | | | | | | | | | | | |
| | | 118 (22130630) | | M | | | | | | | | | | | | | | |
| | | 119 (23816297) | | 4 | | | | | | | | | | | | | | |
| | | 120 (24905395) | | 4 | | | | | | | | | | | | | | |
| Percutaneous thermal ablation | May be appropriate | Strong | N/A | N/A | 5 | 5 | 0 | 1 | 0 | 0 | 8 | 5 | 0 | 0 | 0 | | | |

| References | Study Quality |
|----------------|---------------|
| 121 (25054391) | 3 |
| 122 (26427837) | 2 |
| 130 (26022981) | 2 |
| 127 (20041484) | 2 |
| 128 (14722039) | 2 |
| 129 (24927327) | 3 |
| 123 (23065947) | 2 |
| 124 (24238380) | 4 |
| 125 (23265724) | 2 |
| 126 (26635286) | 2 |

| | | | | | | | | | | | | | | | |
|---------------------------------|-----------------------------------|----------------|-----|-----|---|---|---|---|---|---|---|---|---|---|---|
| Surgical consultation | May be appropriate (Disagreement) | Expert Opinion | N/A | N/A | 5 | 5 | 0 | 0 | 2 | 1 | 5 | 4 | 2 | 0 | 0 |
| Radiation oncology consultation | Usually appropriate | Strong | N/A | N/A | 9 | 9 | 0 | 0 | 0 | 0 | 2 | 0 | 4 | 0 | 8 |

| References | Study Quality |
|----------------|---------------|
| 93 (21629164) | 4 |
| 135 (17224814) | 2 |
| 133 (17688054) | 2 |
| 134 (25032525) | 4 |
| 131 (21277118) | 4 |
| 132 (28507888) | Inadequate |

Variant 6: Pathologic spinal fracture with severe and worsening pain.

| Procedure | Appropriateness Category | SOE | Adults RRL | Peds RRL | Rating | Median | Final Tabulations | | | | | | | | |
|--------------------|--------------------------|----------|------------|----------|--------|--------|-------------------|---|---|---|---|---|---|---|---|
| | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Medical management | May be appropriate | Moderate | N/A | N/A | 6 | 6 | 0 | 0 | 0 | 1 | 6 | 2 | 2 | 3 | 0 |

| References | Study Quality |
|------------|---------------|
|------------|---------------|

| | | | | | | | | | | | | | | | | | |
|-------------------------------------|---------------------|----------------|-----|-----|---------------|---|--------------|---|---|---|---|---|---|---|---|--|--|
| | | 95 (22956190) | | | | | Not Assessed | | | | | | | | | | |
| | | 97 (17054286) | | | | | Not Assessed | | | | | | | | | | |
| | | 136 (12954579) | | | | | 1 | | | | | | | | | | |
| Percutaneous vertebral augmentation | Usually appropriate | Strong | N/A | N/A | 7 | 7 | 0 | 0 | 0 | 0 | 4 | 1 | 4 | 4 | 1 | | |
| | | References | | | Study Quality | | | | | | | | | | | | |
| | | 14 (24253785) | | | 1 | | | | | | | | | | | | |
| | | 110 (23960179) | | | 4 | | | | | | | | | | | | |
| | | 116 (21333599) | | | 1 | | | | | | | | | | | | |
| | | 137 (28041324) | | | 2 | | | | | | | | | | | | |
| | | 117 (8685351) | | | 2 | | | | | | | | | | | | |
| Percutaneous thermal ablation | Usually appropriate | Strong | N/A | N/A | 7 | 7 | 0 | 0 | 1 | 1 | 3 | 2 | 6 | 1 | 0 | | |
| | | References | | | Study Quality | | | | | | | | | | | | |
| | | 121 (25054391) | | | 3 | | | | | | | | | | | | |
| | | 86 (18566009) | | | 4 | | | | | | | | | | | | |
| | | 140 (26606009) | | | 2 | | | | | | | | | | | | |
| | | 122 (26427837) | | | 2 | | | | | | | | | | | | |
| | | 130 (26022981) | | | 2 | | | | | | | | | | | | |
| | | 127 (20041484) | | | 2 | | | | | | | | | | | | |
| | | 128 (14722039) | | | 2 | | | | | | | | | | | | |
| | | 129 (24927327) | | | 3 | | | | | | | | | | | | |
| | | 123 (23065947) | | | 2 | | | | | | | | | | | | |
| | | 126 (26635286) | | | 2 | | | | | | | | | | | | |
| | | 138 (21170528) | | | 4 | | | | | | | | | | | | |
| | | 139 (22840806) | | | 3 | | | | | | | | | | | | |
| Surgical consultation | Usually appropriate | Moderate | N/A | N/A | 7 | 7 | 0 | 0 | 0 | 0 | 3 | 4 | 3 | 0 | 4 | | |
| | | References | | | Study Quality | | | | | | | | | | | | |
| | | 142 (16112300) | | | 1 | | | | | | | | | | | | |
| | | 93 (21629164) | | | 4 | | | | | | | | | | | | |

| | |
|----------------|---|
| 137 (28041324) | 2 |
| 79 (18989668) | 2 |
| 117 (8685351) | 2 |

| | | | | | | | | | | | | | | | |
|-------------------------------|--------------------|--------|-----|-----|---|---|---|---|---|---|---|---|---|---|---|
| Percutaneous thermal ablation | May be appropriate | Strong | N/A | N/A | 5 | 5 | 0 | 0 | 0 | 1 | 7 | 6 | 0 | 0 | 0 |
|-------------------------------|--------------------|--------|-----|-----|---|---|---|---|---|---|---|---|---|---|---|

| References | Study Quality |
|----------------|---------------|
| 147 (23412159) | 2 |
| 86 (18566009) | 4 |
| 140 (26606009) | 2 |
| 130 (26022981) | 2 |
| 108 (26204297) | 4 |
| 126 (26635286) | 2 |
| 120 (24905395) | 4 |

| | | | | | | | | | | | | | | | |
|-----------------------|---------------------|----------|-----|-----|---|---|---|---|---|---|---|---|---|---|---|
| Surgical consultation | Usually appropriate | Moderate | N/A | N/A | 8 | 8 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 3 | 5 |
|-----------------------|---------------------|----------|-----|-----|---|---|---|---|---|---|---|---|---|---|---|

| References | Study Quality |
|----------------|---------------|
| 142 (16112300) | 1 |
| 148 (20562730) | 4 |
| 93 (21629164) | 4 |
| 11 (21709187) | 3 |
| 141 (15450879) | 4 |

| | | | | | | | | | | | | | | | |
|---------------------------------|---------------------|--------|-----|-----|---|---|---|---|---|---|---|---|---|---|---|
| Radiation oncology consultation | Usually appropriate | Strong | N/A | N/A | 8 | 8 | 0 | 0 | 0 | 0 | 4 | 0 | 3 | 4 | 3 |
|---------------------------------|---------------------|--------|-----|-----|---|---|---|---|---|---|---|---|---|---|---|

| References | Study Quality |
|----------------|---------------|
| 110 (23960179) | 4 |
| 93 (21629164) | 4 |
| 143 (6178497) | 1 |
| 140 (26606009) | 2 |
| 150 (15450875) | 4 |
| 119 (23816297) | 4 |
| 149 (21533865) | 2 |

Variant 8: Pathologic spinal fracture with neurologic deficits.

| Procedure | Appropriateness Category | SOE | Adults RRL | Peds RRL | Rating | Median | Final Tabulations | | | | | | | | |
|---------------------------------|--------------------------|----------------|---------------|----------|--------|--------|-------------------|---|---|---|---|---|---|---|----|
| | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Medical management | May be appropriate | Limited | N/A | N/A | 5 | 5 | 0 | 0 | 0 | 1 | 8 | 1 | 1 | 1 | 2 |
| | | References | Study Quality | | | | | | | | | | | | |
| | | 151 (15047923) | 4 | | | | | | | | | | | | |
| Surgical consultation | Usually appropriate | Moderate | N/A | N/A | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 12 |
| | | References | Study Quality | | | | | | | | | | | | |
| | | 148 (20562730) | 4 | | | | | | | | | | | | |
| | | 93 (21629164) | 4 | | | | | | | | | | | | |
| | | 11 (21709187) | 3 | | | | | | | | | | | | |
| | | 141 (15450879) | 4 | | | | | | | | | | | | |
| | | 152 (-3121235) | 4 | | | | | | | | | | | | |
| | | 153 (26337716) | Good | | | | | | | | | | | | |
| Radiation oncology consultation | Usually appropriate | Strong | N/A | N/A | 8 | 8 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 2 | 6 |
| | | References | Study Quality | | | | | | | | | | | | |
| | | 143 (6178497) | 1 | | | | | | | | | | | | |
| | | 150 (15450875) | 4 | | | | | | | | | | | | |
| | | 154 (7607970) | 2 | | | | | | | | | | | | |
| | | 131 (21277118) | 4 | | | | | | | | | | | | |
| | | 155 (27479724) | 4 | | | | | | | | | | | | |

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.