## Chronic Neck Pain

**Variant 1:**

Patient with chronic neck pain without or with a history of previous trauma. First study.

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Appropriateness Category</th>
<th>SOE</th>
<th>RRL</th>
<th>Panel Rating</th>
<th>Group Median Rating</th>
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<td>Usually not appropriate</td>
<td>SOE</td>
<td>☢☢☢ 10-30 mSv</td>
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<tr>
<td>Facet injection/medial branch block cervical spine</td>
<td>Usually not appropriate</td>
<td>SOE</td>
<td>☢☢ 0.1-1mSv</td>
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<td>CT cervical spine without IV contrast</td>
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<td>SOE</td>
<td>☢☢☢ 1-10 mSv ☢ 3-10 mSv [ped]</td>
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<tr>
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<td>SOE</td>
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### MRI cervical spine without and with IV contrast

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### CT cervical spine with IV contrast

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### CT cervical spine without IV contrast

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### MRI cervical spine without IV contrast

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### Patient with chronic neck pain with history of previous malignancy. First study.

Variant 2:
Variant 3:

**Patient with chronic neck pain with history of previous C-spine surgery (including ACDF). First study.**

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Radiographs normal. No neurologic findings.
### Variant 5: Radiographs normal. Neurologic signs or symptoms present.

<table>
<thead>
<tr>
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<th>Radiation Dose (mSv)</th>
<th>References</th>
<th>Study Quality</th>
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Radiographs show degenerative changes. No neurologic findings.

<table>
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<th>Appropriateness</th>
<th>Radiation Dose</th>
<th>References</th>
<th>Study Quality</th>
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References

Variant 7:

Radiographs show degenerative changes. Neurologic signs or symptoms present.
<table>
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<th>Appropriateness</th>
<th>Radiation Dose (mSv)</th>
<th>Study Quality</th>
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References

## Variant 8:

Radiographs show old trauma. No neurologic findings.

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<th>Radiation Dose (mSv)</th>
<th>Study Quality</th>
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Study Quality
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**Variant 9:**

Radiographs show old trauma. Neurologic signs or symptoms present.

<table>
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<th>Appropriateness</th>
<th>Dose (mSv)</th>
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<td>1</td>
<td>n/a</td>
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<td>0.1-1</td>
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<tr>
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<td>May be appropriate</td>
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<td>1-10</td>
<td>5</td>
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<tr>
<td>Procedure</td>
<td>Appropriateness</td>
<td>Radiation Dose</td>
<td>References</td>
<td>Study Quality</td>
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<td>X-ray myelography cervical spine</td>
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<td>☢☢☢ 1-10 mSv</td>
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<tr>
<td>Tc-99m bone scan with SPECT neck</td>
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<td>O 0 mSv O 0 mSv [ped]</td>
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Variant 10:

**Radiographs show disc margin destruction or bone lesion suggestive of infection or malignancy.**

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Appropriateness</th>
<th>Radiation Dose</th>
<th>References</th>
<th>Study Quality</th>
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<td>Radiation Dose</td>
<td>References</td>
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<tr>
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<td>☢☢☢ 1-10 mSv</td>
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<tr>
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<td>O 0 mSv O 0 mSv [ped]</td>
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**Variant 11:**

**Prior C-spine surgery (including ACDF) with radiographs showing no complication. Next study.**

<table>
<thead>
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<th>Appropriateness</th>
<th>Radiation Dose</th>
<th>References</th>
<th>Study Quality</th>
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<td>Dose (ped)</td>
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**References**

**Study Quality**

**Variaent 12:**

Radiographs show OPLL. Next study.

<table>
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<th>Dose (ped)</th>
<th>References</th>
<th>Study Quality</th>
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<td>☢☢☢ 1-10 mSv</td>
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<td>n/a</td>
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<tr>
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</table>
Please refer to the supporting documentation for a more complete discussion of the concepts and their definitions below.

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

Disagree: The variation of the individual ratings from the median rating indicates panel disagreement on the final recommendation.

References: Lists the references associated with the recommendation.

SQ: Study Quality (1, 2, 3, 4, Good M or Inadequate M) of the references listed.

RRL: Information on the Relative Radiation Level (RRL) designations can be found.