American College of Radiology
ACR Appropriateness Criteria®

Nonvariceal Upper Gastrointestinal Bleeding

Variant 1: Endoscopy reveals nonvariceal upper gastrointestinal arterial bleeding source.

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Appropriateness Category</th>
<th>SOE</th>
<th>Adults RRL</th>
<th>Peds RRL</th>
<th>Rating</th>
<th>Median</th>
<th>Final Tabulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arteriography visceral</td>
<td>Usually appropriate</td>
<td></td>
<td>☢☢☢ 1-10 mSv</td>
<td></td>
<td>9</td>
<td>n/a</td>
<td>0 0 0 0 0 0 0 0 0</td>
</tr>
<tr>
<td>CTA abdomen with IV contrast</td>
<td>Usually appropriate</td>
<td></td>
<td>☢☢☢ 1-10 mSv</td>
<td></td>
<td>7</td>
<td>n/a</td>
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</tr>
<tr>
<td>CT enterography</td>
<td>May be appropriate</td>
<td></td>
<td>☢☢☢☢ 10-30 mSv</td>
<td>☢☢☢☢ 3-10 mSv [ped]</td>
<td>5</td>
<td>n/a</td>
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<tr>
<td>CT abdomen without IV contrast</td>
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<td></td>
<td>☢☢☢ 1-10 mSv</td>
<td>☢☢☢ 3-10 mSv [ped]</td>
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<tr>
<td>CT abdomen without and with IV contrast</td>
<td>Usually not appropriate</td>
<td></td>
<td>☢☢☢☢ 10-30 mSv</td>
<td>☢☢☢☢ 10-30 mSv [ped]</td>
<td>2</td>
<td>n/a</td>
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<tr>
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<td></td>
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<td>2</td>
<td>n/a</td>
<td>0 0 0 0 0 0 0 0 0</td>
</tr>
<tr>
<td>Tc-99m labeled RBC scan abdomen</td>
<td>Usually not appropriate</td>
<td></td>
<td>☢☢☢ 1-10 mSv</td>
<td></td>
<td>2</td>
<td>n/a</td>
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</tr>
<tr>
<td>X-ray upper GI series</td>
<td>Usually not appropriate</td>
<td></td>
<td>☢☢☢ 1-10 mSv</td>
<td>☢☢☢ 0.3-3 mSv [ped]</td>
<td>1</td>
<td>n/a</td>
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</table>
**Variant 2:**  Endoscopy confirms nonvariceal upper gastrointestinal bleeding without a clear source.

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<td></td>
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<tr>
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<td>8</td>
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<td>☢☢☢ 1-10 mSv</td>
<td>☢☢☢ 3-10 mSv [ped]</td>
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<tr>
<td>CT abdomen without and with IV contrast</td>
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<td>☢☢☢ 1-10 mSv</td>
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**Variant 3:**  Nonvariceal upper gastrointestinal bleeding; negative endoscopy.

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**Variant 4:** Postsurgical and traumatic causes of nonvariceal upper gastrointestinal bleeding; endoscopy contraindicated.

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<td>Appropriateness</td>
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<td>n/a</td>
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<td>0</td>
</tr>
</tbody>
</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 here.