American College of Radiology  
ACR Appropriateness Criteria®

Postpartum Hemorrhage

Variant 1:  Postpartum hemorrhage. Early (within first 24 hours) after cesarean delivery. Initial Imaging.

<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>US duplex Doppler pelvis</td>
<td>Usually appropriate</td>
<td>Limited</td>
<td>O 0 mSv</td>
<td>O 0 mSv [ped]</td>
<td>8</td>
<td>8</td>
<td>0 0 0 0 0 0 5 3 7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>References</td>
<td>Study Quality</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>7 (12808674)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>25 (23674774)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>19 (26476825)</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>14 (25041975)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 (24691826)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>26 (15977019)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12 (22977030)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>US pelvis transabdominal</td>
<td>Usually appropriate</td>
<td>Limited</td>
<td>O 0 mSv</td>
<td>O 0 mSv [ped]</td>
<td>8</td>
<td>8</td>
<td>0 0 0 0 1 0 4 3 7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>References</td>
<td>Study Quality</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>19 (26476825)</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>14 (25041975)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>13 (19477095)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>15 (23065165)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 (24691826)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>27 (18314513)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>28 (15065189)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Procedure</td>
<td>Appropriateness</td>
<td>Radiation Dose</td>
<td>References</td>
<td>Study Quality</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>---------------------</td>
<td>----------------</td>
<td>------------</td>
<td>---------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>US pelvis transvaginal</td>
<td>Usually appropriate</td>
<td>0 mSv</td>
<td>8</td>
<td>8</td>
<td>0 0 0 0 0 0 0 4 4 7</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 mSv [ped]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CT abdomen and pelvis with IV contrast</td>
<td>May be appropriate</td>
<td>Limited</td>
<td>6</td>
<td>6</td>
<td>0 0 0 1 3 4 5 0 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1-10 mSv</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3-10 mSv</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CTA abdomen and pelvis with IV contrast</td>
<td>May be appropriate</td>
<td>Strong</td>
<td>6</td>
<td>6</td>
<td>0 0 0 1 6 2 2 1 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>10-30 mSv</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CT abdomen and pelvis without and with IV contrast

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Category</th>
<th>Expert Opinion</th>
<th>Expert Consensus</th>
<th>Median</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT abdomen and pelvis without</td>
<td>May be</td>
<td>Expert Opinion</td>
<td>10-30 mSv</td>
<td>5</td>
<td>5</td>
<td>1</td>
<td>2</td>
<td>4</td>
<td>2</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>IV contrast</td>
<td>appropriate (Disagreement)</td>
<td></td>
<td>10-30 mSv [ped]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CT abdomen and pelvis without</td>
<td>Usually not appropriate</td>
<td>Expert Consensus</td>
<td>1-10 mSv</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>2</td>
<td>5</td>
<td>2</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>IV contrast</td>
<td></td>
<td></td>
<td>3-10 mSv [ped]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MRI pelvis without IV contrast</td>
<td>Usually not appropriate</td>
<td>Limited</td>
<td>0 0 mSv</td>
<td>3</td>
<td>3</td>
<td>1</td>
<td>3</td>
<td>9</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0 0 mSv [ped]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

References

<table>
<thead>
<tr>
<th>Study Quality</th>
<th>Study Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 (26476825)</td>
<td>2</td>
</tr>
<tr>
<td>14 (25041975)</td>
<td>4</td>
</tr>
<tr>
<td>15 (23065165)</td>
<td>4</td>
</tr>
<tr>
<td>20 (24691826)</td>
<td>4</td>
</tr>
<tr>
<td>22 (15371610)</td>
<td>4</td>
</tr>
<tr>
<td>23 (10463646)</td>
<td>3</td>
</tr>
</tbody>
</table>

MRI pelvis without and with IV contrast

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Category</th>
<th>Expert Opinion</th>
<th>Median</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>MRI pelvis without and with</td>
<td>Usually not appropriate</td>
<td>Limited</td>
<td>0 0 mSv</td>
<td>3</td>
<td>3</td>
<td>1</td>
<td>2</td>
<td>9</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>IV contrast</td>
<td></td>
<td></td>
<td>0 0 mSv [ped]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

References

<table>
<thead>
<tr>
<th>Study Quality</th>
<th>Study Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 (26476825)</td>
<td>2</td>
</tr>
<tr>
<td>14 (25041975)</td>
<td>4</td>
</tr>
<tr>
<td>15 (23065165)</td>
<td>4</td>
</tr>
<tr>
<td>20 (24691826)</td>
<td>4</td>
</tr>
<tr>
<td>22 (15371610)</td>
<td>4</td>
</tr>
</tbody>
</table>

Variant 2: Postpartum hemorrhage. Early (within first 24 hours) after vaginal delivery. Initial imaging.

<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>
</tr>
</thead>
<tbody>
<tr>
<td>US duplex Doppler pelvis</td>
<td>Usually appropriate</td>
<td>Strong</td>
<td>0 0 mSv</td>
<td>0 0 mSv [ped]</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0 0 0 0 0 0 5 4 6</td>
<td></td>
</tr>
</tbody>
</table>

References

<table>
<thead>
<tr>
<th>Study Quality</th>
<th>Study Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 (26476825)</td>
<td>2</td>
</tr>
<tr>
<td>14 (25041975)</td>
<td>4</td>
</tr>
<tr>
<td>15 (23065165)</td>
<td>4</td>
</tr>
<tr>
<td>20 (24691826)</td>
<td>4</td>
</tr>
<tr>
<td>22 (15371610)</td>
<td>4</td>
</tr>
<tr>
<td>Procedure</td>
<td>Radiation Dose</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>US pelvis transabdominal</td>
<td>Limited</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>References</td>
<td>Study Quality</td>
</tr>
<tr>
<td></td>
<td>14 (25041975)</td>
</tr>
<tr>
<td></td>
<td>13 (19477095)</td>
</tr>
<tr>
<td></td>
<td>15 (23065165)</td>
</tr>
<tr>
<td></td>
<td>27 (18314513)</td>
</tr>
<tr>
<td></td>
<td>28 (15065189)</td>
</tr>
<tr>
<td>US pelvis transvaginal</td>
<td>Limited</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>References</td>
<td>Study Quality</td>
</tr>
<tr>
<td></td>
<td>14 (25041975)</td>
</tr>
<tr>
<td></td>
<td>13 (19477095)</td>
</tr>
<tr>
<td></td>
<td>15 (23065165)</td>
</tr>
<tr>
<td></td>
<td>27 (18314513)</td>
</tr>
<tr>
<td></td>
<td>28 (15065189)</td>
</tr>
<tr>
<td>CT abdomen and pelvis with IV</td>
<td>Limited</td>
</tr>
<tr>
<td>contrast</td>
<td></td>
</tr>
<tr>
<td>References</td>
<td>Study Quality</td>
</tr>
<tr>
<td></td>
<td>14 (25041975)</td>
</tr>
<tr>
<td></td>
<td>13 (19477095)</td>
</tr>
<tr>
<td></td>
<td>15 (23065165)</td>
</tr>
<tr>
<td></td>
<td>12 (22977030)</td>
</tr>
<tr>
<td></td>
<td>29 (23937115)</td>
</tr>
<tr>
<td>Procedure</td>
<td>Appropriateness</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td>CTA abdomen and pelvis with IV contrast</td>
<td>May be appropriate</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>CT abdomen and pelvis without and with IV contrast</td>
<td>May be appropriate (Disagreement)</td>
</tr>
<tr>
<td></td>
<td>Expert Opinion</td>
</tr>
<tr>
<td>References</td>
<td>Study Quality</td>
</tr>
<tr>
<td>12 (22977030)</td>
<td>4</td>
</tr>
<tr>
<td>29 (23937115)</td>
<td>3</td>
</tr>
<tr>
<td>CT abdomen and pelvis without IV contrast</td>
<td>May be appropriate</td>
</tr>
<tr>
<td>MRI pelvis without and with IV contrast</td>
<td>Usually not appropriate</td>
</tr>
<tr>
<td>MRI pelvis without IV contrast</td>
<td>Usually not appropriate</td>
</tr>
</tbody>
</table>
Variant 3:  Postpartum hemorrhage. Late (greater than 24 hours to 6 weeks) after caesarian delivery. Initial imaging.

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Appropriateness Category</th>
<th>SOE</th>
<th>Adults RRL</th>
<th>Peds RRL [ped]</th>
<th>Rating</th>
<th>Median</th>
<th>Final Tabulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>US duplex Doppler pelvis</td>
<td>Usually appropriate</td>
<td>Limited</td>
<td>0 mSv</td>
<td>0 mSv</td>
<td>9</td>
<td>9</td>
<td>0 0 0 0 0 0 2 5 8</td>
</tr>
<tr>
<td>References</td>
<td>Study Quality</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 (12808674)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25 (23674774)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19 (26476825)</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14 (25041975)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 (24691826)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 (22977030)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>US pelvis transabdominal</td>
<td>Usually appropriate</td>
<td>Strong</td>
<td>0 mSv</td>
<td>0 mSv</td>
<td>9</td>
<td>9</td>
<td>0 0 0 0 0 0 3 4 8</td>
</tr>
<tr>
<td>References</td>
<td>Study Quality</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25 (23674774)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19 (26476825)</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14 (25041975)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13 (19477095)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15 (23065165)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 (24691826)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26 (15977019)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Procedure</td>
<td>Appropriateness</td>
<td>Dose (mSv)</td>
<td>Dose (mSv) [ped]</td>
<td>References</td>
<td>Study Quality</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------------------------------------</td>
<td>--------------------------</td>
<td>------------</td>
<td>------------------</td>
<td>------------</td>
<td>---------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>US pelvis transvaginal</strong></td>
<td>Usually appropriate</td>
<td>Strong</td>
<td>0 mSv</td>
<td>9</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0 mSv [ped]</td>
<td>0 0 0 0</td>
<td>0 0 0 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0 0 0 0</td>
<td>0 0 0 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0 0 0 0</td>
<td>0 0 0 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 11</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CT abdomen and pelvis with IV contrast</strong></td>
<td>May be appropriate</td>
<td>Limited</td>
<td>1-10 mSv</td>
<td>6</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3-10 mSv</td>
<td>0 0 0 0</td>
<td>0 0 0 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3-10 mSv</td>
<td>7 3 3 0</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CT abdomen and pelvis without and with IV contrast</strong></td>
<td>May be appropriate</td>
<td>Expert</td>
<td>10-30 mSv</td>
<td>6</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Consensus</td>
<td>10-30 mSv</td>
<td>0 0 1 1</td>
<td>5 6 0 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CTA abdomen and pelvis with IV contrast</strong></td>
<td>May be appropriate</td>
<td>Strong</td>
<td>10-30 mSv</td>
<td>6</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10-30 mSv [ped]</td>
<td>0 0 0 1</td>
<td>1 1 7 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3 2 0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

References:
- 25 (23674774)
- 19 (26476825)
- 14 (25041975)
- 13 (19477095)
- 15 (23065165)
- 20 (24691826)
- 26 (15977019)
- 32 (20488441)
- 6 (31685103)
### Variant 4: Postpartum hemorrhage. Late (greater than 24 hours to 6 weeks) after vaginal delivery. Initial imaging.

<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>US pelvis transvaginal</td>
<td>Usually appropriate</td>
<td>Limited</td>
<td>O 0 mSv</td>
<td>O 0 mSv [ped]</td>
<td>9</td>
<td>9</td>
<td>0 0 0 0 0 0 0 6 9</td>
</tr>
</tbody>
</table>

**References**

<table>
<thead>
<tr>
<th>Study Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 (25041975)</td>
</tr>
<tr>
<td>13 (19477095)</td>
</tr>
<tr>
<td>15 (23065165)</td>
</tr>
<tr>
<td>20 (24691826)</td>
</tr>
<tr>
<td>21 (22779960)</td>
</tr>
</tbody>
</table>

**Final Tabulations**

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>6</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Procedure</td>
<td>Appropriateness</td>
<td>Study Quality</td>
<td>Radiation Dose</td>
<td>Study Quality</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>---------------------</td>
<td>---------------</td>
<td>----------------</td>
<td>---------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>US duplex Doppler pelvis</td>
<td>Strong</td>
<td>0 mSv</td>
<td>8</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 mSv [ped]</td>
<td>8</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>References</td>
<td>Study Quality</td>
<td>7 (12808674)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>25 (23674774)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>19 (26476825)</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>14 (25041975)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>24 (19244064)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 (24691826)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>26 (15977019)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12 (22977030)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>US pelvis transabdominal</td>
<td>Limited</td>
<td>0 mSv</td>
<td>8</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 mSv [ped]</td>
<td>8</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>References</td>
<td>Study Quality</td>
<td>14 (25041975)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>13 (19477095)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>15 (23065165)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>31 (25303033)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>32 (20488441)</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 (31685103)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CT abdomen and pelvis with IV contrast</td>
<td>Limited</td>
<td>1-10 mSv</td>
<td>6</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3-10 mSv [ped]</td>
<td>6</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>References</td>
<td>Study Quality</td>
<td>14 (25041975)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>15 (23065165)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12 (22977030)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>29 (23937115)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Procedure</td>
<td>Appropriateness</td>
<td>Expert Consensus</td>
<td>[10-30 mSv]</td>
<td>[10-30 mSv ped]</td>
<td>Study Quality</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------------------------------------</td>
<td>-----------------</td>
<td>------------------</td>
<td>-------------</td>
<td>----------------</td>
<td>---------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CTA abdomen and pelvis with IV contrast</td>
<td>May be</td>
<td>Strong</td>
<td>☢☢☢☢ 10-30 mSv</td>
<td>☢☢☢☢ 10-30 mSv ped</td>
<td>6 6 0 0 0 1 4 5 4 0 0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>References</td>
<td>Study Quality</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>19 (26476825)</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>14 (25041975)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 (24691826)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12 (22977030)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>18 (20093600)</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>17 (24630300)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>21 (22779960)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CT abdomen and pelvis without and with IV contrast</td>
<td>May be</td>
<td>Expert Opinion</td>
<td>O 0 mSv</td>
<td>O 0 mSv ped</td>
<td>5 5 1 1 1 1 3 4 2 1 0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MRI pelvis without IV contrast</td>
<td>May be</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Disagreement)</td>
<td>appropriate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MRI pelvis without and with IV contrast</td>
<td>May be</td>
<td>Expert Opinion</td>
<td>O 0 mSv</td>
<td>O 0 mSv ped</td>
<td>5 5 0 1 2 1 2 6 0 2 0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Disagreement)</td>
<td>appropriate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

References:
- 19 (26476825)
- 14 (25041975)
- 13 (19477095)
- 20 (24691826)
- 23 (10463646)
| CT abdomen and pelvis without IV contrast | May be appropriate | Expert Consensus | ☢☢☢ 1-10 mSv | ☢☢☢☢ 3-10 mSv [ped] | 4 | 4 | 1 | 0 | 3 | 4 | 2 | 4 | 0 | 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](http://www.acr.org/ac).