## Blunt Abdominal Trauma

### Variant 1: Stable patient.

<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>
<th>Final Tabulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT abdomen and pelvis with IV contrast</td>
<td>Usually appropriate</td>
<td></td>
<td>☢☢☢☢ 10-30 mSv ☢☢☢ 3-10 mSv [ped]</td>
<td>9</td>
<td>n/a</td>
<td>0 0 0 0 0 0 0 0 0</td>
</tr>
<tr>
<td>CT abdomen and pelvis without IV contrast</td>
<td>May be appropriate</td>
<td></td>
<td>☢☢☢☢ 10-30 mSv ☢☢☢ 3-10 mSv [ped]</td>
<td>6</td>
<td>n/a</td>
<td>0 0 0 0 0 0 0 0 0</td>
</tr>
<tr>
<td>CT abdomen and pelvis without and with IV contrast</td>
<td>Usually appropriate</td>
<td></td>
<td>☢☢☢☢ 10-30 mSv ☢☢☢ 10-30 mSv [ped]</td>
<td>7</td>
<td>n/a</td>
<td>0 0 0 0 0 0 0 0 0</td>
</tr>
<tr>
<td>CT chest with IV contrast</td>
<td>Usually appropriate</td>
<td></td>
<td>☢☢☢ 1-10 mSv ☢☢☢ 3-10 mSv [ped]</td>
<td>8</td>
<td>n/a</td>
<td>0 0 0 0 0 0 0 0 0</td>
</tr>
<tr>
<td>CT chest without IV contrast</td>
<td>May be appropriate</td>
<td></td>
<td>☢☢☢ 1-10 mSv ☢☢☢ 3-10 mSv [ped]</td>
<td>6</td>
<td>n/a</td>
<td>0 0 0 0 0 0 0 0 0</td>
</tr>
<tr>
<td>US chest abdomen and pelvis (FAST scan)</td>
<td>May be appropriate</td>
<td></td>
<td>O 0 mSv O 0 mSv [ped]</td>
<td>5</td>
<td>n/a</td>
<td>0 0 0 0 0 0 0 0 0</td>
</tr>
<tr>
<td>X-ray chest</td>
<td>Usually appropriate</td>
<td></td>
<td>☢ Púb &lt;0.1 mSv ☢ Púb &lt;0.03 mSv [ped]</td>
<td>7</td>
<td>n/a</td>
<td>0 0 0 0 0 0 0 0 0</td>
</tr>
<tr>
<td>CT chest without and with IV contrast</td>
<td>Usually appropriate</td>
<td></td>
<td>☢☢☢ 1-10 mSv ☢☢☢ 3-10 mSv [ped]</td>
<td>7</td>
<td>n/a</td>
<td>0 0 0 0 0 0 0 0 0</td>
</tr>
</tbody>
</table>
### Arteriography with possible embolization abdomen and pelvis

- **May be appropriate**
- **Varies**
- **4**
- **n/a**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**

### US abdomen and pelvis

- **Usually not appropriate**
- **0 0 mSv 0 0 mSv [ped]**
- **2**
- **n/a**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**

### X-ray abdomen and pelvis (KUB)

- **May be appropriate**
- ☢☢ 0.1-1mSv ☢☢ 0.03-0.3 mSv [ped]
- **5**
- **n/a**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**

### Variant 2: Unstable patient.

### Arteriography with possible embolization abdomen and pelvis

- **May be appropriate**
- **Varies**
- **5**
- **n/a**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**

### US abdomen and pelvis

- **Usually not appropriate**
- **0 0 mSv 0 0 mSv [ped]**
- **2**
- **n/a**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**

### US chest abdomen and pelvis (FAST scan)

- **Usually appropriate**
- **0 0 mSv 0 0 mSv [ped]**
- **8**
- **n/a**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**

### X-ray chest

- **Usually appropriate**
- ☢ <0.1 mSv ☢ <0.03 mSv [ped]
- **8**
- **n/a**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**

### CT chest with IV contrast

- **Usually not appropriate**
- ☢☢☢ 1-10 mSv ☢☢☢☢ 3-10 mSv [ped]
- **3**
- **n/a**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**

### CT chest without IV contrast

- **Usually not appropriate**
- ☢☢☢ 1-10 mSv ☢☢☢☢ 3-10 mSv [ped]
- **3**
- **n/a**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**
- **0**
<table>
<thead>
<tr>
<th>References</th>
<th>Study Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT chest without and with IV contrast</td>
<td>Usually not appropriate</td>
</tr>
<tr>
<td>CT abdomen and pelvis with IV contrast</td>
<td>Usually not appropriate</td>
</tr>
<tr>
<td>CT abdomen and pelvis without IV contrast</td>
<td>Usually not appropriate</td>
</tr>
<tr>
<td>CT abdomen and pelvis without and with IV contrast</td>
<td>Usually not appropriate</td>
</tr>
<tr>
<td>X-ray abdomen and pelvis (KUB)</td>
<td>Usually appropriate</td>
</tr>
</tbody>
</table>

### Variant 3:

**Hematuria >35 RBC/hpf (stable).**

<table>
<thead>
<tr>
<th>References</th>
<th>Study Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT abdomen and pelvis with IV contrast</td>
<td>Usually appropriate</td>
</tr>
<tr>
<td>CT abdomen and pelvis without IV contrast</td>
<td>May be appropriate</td>
</tr>
<tr>
<td>CT abdomen and pelvis without and with IV contrast</td>
<td>Usually appropriate</td>
</tr>
<tr>
<td>CT chest with IV contrast</td>
<td>Usually appropriate</td>
</tr>
<tr>
<td>Study</td>
<td>Quality</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>CT chest without IV contrast</td>
<td>May be</td>
</tr>
<tr>
<td>CT chest without and with IV</td>
<td>Usually</td>
</tr>
<tr>
<td>contrast</td>
<td></td>
</tr>
<tr>
<td>X-ray cystography</td>
<td>May be</td>
</tr>
<tr>
<td>X-ray intravenous urography</td>
<td>Usually</td>
</tr>
<tr>
<td>X-ray retrograde urethrography</td>
<td>May be</td>
</tr>
<tr>
<td>Arteriography with possible</td>
<td>May be</td>
</tr>
<tr>
<td>embolization kidney</td>
<td></td>
</tr>
<tr>
<td>US abdomen and pelvis</td>
<td>Usually</td>
</tr>
<tr>
<td>X-ray chest</td>
<td>Usually</td>
</tr>
<tr>
<td>CT pelvis with bladder contrast (CT cystography)</td>
<td>May be</td>
</tr>
<tr>
<td>X-ray abdomen and pelvis (KUB)</td>
<td>May be</td>
</tr>
<tr>
<td>References</td>
<td>Study Quality</td>
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<td>------------</td>
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</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.