# American College of Radiology

**ACR Appropriateness Criteria®**

## Post-treatment Follow-up of Prostate Cancer

**Variant 1:** Prostate cancer follow-up. Status post radical prostatectomy. Clinical concern for residual or recurrent disease.

<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>MRI pelvis without and with IV contrast</td>
<td>Usually appropriate</td>
<td>O 0 mSv</td>
<td>O 0 mSv</td>
<td>8</td>
<td>8</td>
<td>1</td>
<td>0 0 1 0 2 9 2</td>
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<tr>
<td>C-11 choline PET/CT skull base to mid-thigh</td>
<td>Usually appropriate</td>
<td>☢☢☢ 1-10 mSv</td>
<td>8</td>
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<td>Adults RRL</td>
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**Variant 2:** Prostate cancer follow-up. Clinical concern for residual or recurrent disease after nonsurgical local and pelvic treatments.
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<th>Appropriateness</th>
<th>Radiation Dose</th>
<th>Other Comments</th>
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<td>[ped]</td>
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<td>MRI-targeted biopsy prostate</td>
<td>Usually appropriate</td>
<td>O 0 mSv</td>
<td>[ped]</td>
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<td>CT abdomen and pelvis with IV contrast</td>
<td>May be appropriate</td>
<td>⚠ 1-10 mSv</td>
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<td>MRI pelvis without IV contrast</td>
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<td>CT chest abdomen pelvis with IV contrast</td>
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<td>Usually not appropriate</td>
<td>O 0 mSv</td>
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### Variant 3: Metastatic prostate cancer treated by systemic therapy (androgen deprivation therapy [ADT], chemotherapy, immunotherapy). Follow-up.

<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>
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<tr>
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<td>FOV (cm)</td>
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<td>TRUS prostate</td>
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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 here.