ACRIN 6671 C4 COMPLETION INSTRUCTIONS
Visit 1: PET/CT Scan

The C4 form is completed by the ACRIN Nuclear Physician at the GOG/ACRIN site for right external iliac lymph node evaluation. This form must be completed while blinded to the results of other imaging examinations and clinical data. The PET/CT images will be transmitted to ACRIN. The data is submitted via the ACRIN website. Only submit the paper form for revisions, corrections or in the event that the ACRIN website is inaccessible. All available dates should be reported as mm-dd-yyyy. Online logic prevents the entry of future dates. Code all questions unless otherwise specified. Do not leave mandatory questions blank. The original paper CRF can serve as the source document for the interpretation and should be retained in the study file. Please note that instructions are not listed for each question. These instructions are for questions that require additional clarification. If a question requires further clarification, please contact ACRIN headquarters at 215-574-3150 and ask for the ACRIN 6671 Data Manager.

Pelvic Lymph Nodes: Right External Iliac

1. Total Number of LNs (lymph nodes) visible.
   If no lymph nodes are visible in the region, record “0” and then proceed to the next region. The response for the total number of lymph nodes visible should include both the positive and the negative nodes visible on the scan. The range for this response is 0 – 40.

Please see page 2 for chart instructions.
Chart Instructions: Right External Iliac Lymph Nodes 1-5

There is a maximum of 5 lymph nodes that can be reported on the chart. In the chart, report the 5 lymph nodes with the highest $SUV_{\text{max}}$ and $SUV_{\text{peak}}$. First, report the positive lymph nodes. If there are less than 5 positive lymph nodes, then report any visible benign lymph nodes.

<table>
<thead>
<tr>
<th>Lymph Nodes</th>
<th>CT Size (mm) [short axis]</th>
<th>PET/CT Uptake</th>
<th>$SUV_{\text{max}}$</th>
<th>$SUV_{\text{peak}}$</th>
</tr>
</thead>
<tbody>
<tr>
<td>LN 1-5</td>
<td>The range for this measurement is from 1- 80.0.</td>
<td>Choose the appropriate response from code table above.</td>
<td>Maximum standard uptake value ($SUV_{\text{max}}$) is the highest single pixel SUV in a region of interest (ROI). For $SUV_{\text{max}}$ determination, a ROI will be drawn around the entire lesion, and the manufacturer’s algorithm will be used to calculate the maximum SUV within this region.</td>
<td>A circular region of interest (ROI) ranging from (0.75 – 1.5 cm) in diameter, centered on the maximum-value pixel will be drawn. The manufacturer’s algorithm will be used to calculate the mean SUV and will be reported as $SUV_{\text{peak}}$. The ROI must be centered on the “hottest pixel”.</td>
</tr>
</tbody>
</table>

2. **Number of Positive Lymph Nodes**
   Response to this question is required if response to Q1 is greater than “0”. Responses from Q2 and Q3 must equal the response to Q1.

3. **Number of Negative Lymph Nodes**
   Response to this question is required if response to Q1 is greater than “0”. Responses from Q2 and Q3 must equal the response to Q1.