1. Aorta: Long images of aorta with measurements (prox, mid, and dist).

2. Common Iliac Arteries: Image right and left common iliac arteries in long and transverse with single trans (largest) diameter measurement.

3. IVC: Long image.
   - Include AP measurement if over 3.75 cm.
   - If IVC filter or catheter seen, localize with respect to hepatic/renal veins.

   - Measure wall if thickened.
   - Demonstrate ureteral jets if hydronephrosis seen in either kidney or if suspected ureteral stone.
   - If requested, pre- and post-void residual volumes.

5. Kidneys: Long images (medial, mid, lateral) and trans images (upper, mid, lower) of both kidneys.
   - Record max measurement (long and trans) of kidneys.
   - Image comparison to adjacent liver/spleen.
   - Single color Doppler image of kidneys.
   - If absence of kidney, image renal fossa.
   - If hydronephrosis seen, also show ureteral jets.
   - If stones present, measure largest dimension of largest stone.

# Renal/Retroperitoneal Worksheet

## SONOGRAPHER NOTES

### INDICATIONS

<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Sonographer</th>
</tr>
</thead>
</table>

### Sonographer Notes

- **Aorta**
  - Prox cm
  - Mid cm
  - Dist cm

- **R Com Iliac** cm

- **L Com Iliac** cm

- **IVC**
  - Normal ______ cm if > 3.75 cm

- **Bladder**
  - Normal

- **Prostate** (if applicable)
  - ______ x ______ x ______ cm

### Right

<table>
<thead>
<tr>
<th>Long x AP</th>
<th>Size (cm)</th>
<th>Left Long x AP</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Hydro</td>
<td>No</td>
</tr>
<tr>
<td>Normal</td>
<td>Echotexture</td>
<td>Normal</td>
</tr>
<tr>
<td>No</td>
<td>Ureteral Jets (if applicable)</td>
<td>No</td>
</tr>
<tr>
<td>Yes</td>
<td>Lesions and stones (size, characteristics, flow)</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Left

- Lesions and stones (size, characteristics, flow)

### Findings/Limitations/Comments

### Sonographer Confirmation

My signature confirms that instructions have been provided to the conscious patient regarding this exam, that US utilizes sound waves rather than ionizing radiation, and that coupling gel is used to improve the quality of the exam.

Sonographer’s Signature

### US Renal/Retroperitoneal Worksheet

<table>
<thead>
<tr>
<th>FMC</th>
<th>KMC</th>
<th>CMC</th>
<th>TMC</th>
<th>NHSC</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIC</td>
<td>MIC</td>
<td>PI</td>
<td>TI</td>
<td></td>
</tr>
<tr>
<td>MFP</td>
<td>SFP</td>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>