I. PURPOSE:
To standardize the methodology for acquiring radiographic studies on neonatal patients

II. DEFINITION
None

III. POLICY
Images shall be maintained with limited dosage, in a manner which will produce a diagnostic image using techniques that will give the patient As Low As Reasonable Achievable (ALARA)

IV. RESPONSIBILITIES:
All staff including technologies and doctors

V. PROCEDURES/GUIDELINES
A. Chest
Single frontal view collimated from lung apices to umbilicus. Side to side collimation should exclude as much upper extremities as possible. Gonadal shielding is not necessary.

* Lateral decubitus views may be done as ordered. Collimation will be as appropriate.
B. **Abdomen**
   Single frontal view of the abdomen collimated from lower lung fields to public symphysis.
   - *Gonadal shielding will be used for males, by placing shield over scrotal area.*
   - No gonadal shielding to be used for females.
   - Cross table lateral and decubitus view may be done as ordered. Collimation as **appropriate Gonadal Shielding for males should be used.**

C. **Chest and Abdomen**
   Single AP view of the chest and abdomen, collimated from lung apices to public symphysis.
   - *Side to Side collimation should exclude as much as possible to upper and lower extremities.*
   - *Scrotal region should be shielded in males.*

* Although one X-ray is obtained, **TWO** orders are necessary – **ONE** for chest and for abdomen

VI. ATTACHMENTS:
   None

VII: REASON FOR REVISION:
   Review

VIII: REFERENCES
   - *TJC STANDARDS*
   - *UHB Policy RAD-6 Radiology Patient Safety*

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<th>Date Reviewed</th>
<th>Revision Required (Check One)</th>
<th>Responsible Staff Name and Title</th>
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<tbody>
<tr>
<td>3/2011</td>
<td>(Yes)</td>
<td>J. SHANAHAN, Radiology Administrator</td>
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<tr>
<td>3/2013</td>
<td>(No)</td>
<td>O. Jardine, Acting Radiology Administrator</td>
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<tr>
<td>2/2015</td>
<td>(Yes) No</td>
<td>.Carbone, Associate Director Radiography</td>
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