# XR ORDERING GUIDE

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ABDOMEN IMAGING

EXAM CODE:

IMG154 – XR ABDOMEN 1 VW

IMG2415 – XR ABDOMEN PORTABLE

**XR ABDOMEN 1 VW**

**IMG154**

**INDICATIONS:** Abdomen pain, nausea and vomiting, ureteral stones, kidney stones, trauma, etc.

**COMMENTS:** This exam can be ordered as PORTABLE if the patient cannot transport to department. However, there are some limiting factors such as patient weight. Patients over 250 pounds may need to have their exam performed in the Diagnostic Imaging Department.

**RESULTS:** This exam will produce an image of the entire abdomen from just below the diaphragm to include the Pubic Symphisis. Normal and exaggerated bowel patterns are easily seen. Renal and ureteral stones may be less adequately demonstrated.

**XR ABDOMEN PORTABLE**

**IMG2415**

**INDICATIONS:** Abdomen pain, nausea and vomiting, ureteral stones, kidney stones, trauma, etc.

**COMMENTS:** This exam should only be ordered if the patient cannot transport to Diagnostic Imaging. However, there are some limiting factors such as patient weight. If possible, patients over 250 pounds may need to have their exam performed in the Diagnostic Imaging Department.

**RESULTS:** This exam will produce an image of the entire abdomen from just below the diaphragm to include the Pubic Symphisis. Normal and exaggerated bowel patterns are easily seen. Renal and ureteral stones may be less adequately demonstrated.
**ABDOMEN IMAGING**

**EXAM CODE:**

**IMG2236 – XR ABDOMEN SUPINE AND UPRIGHT**

**IMG786 – XR ABDOMEN SUPINE AND UPRIGHT WITH 1 VW CHEST**

<table>
<thead>
<tr>
<th>XR ABDOMEN SUPINE AND UPRIGHT IMG2236</th>
<th>XR ABDOMEN SUPINE AND UPRIGHT WITH 1 VW CHEST IMG786</th>
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</thead>
<tbody>
<tr>
<td><strong>INDICATIONS:</strong> Sever abdomen pain, small bowel obstruction, trauma, suspicion of bowel perforation, etc.</td>
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<tr>
<td><strong>COMMENTS:</strong> This procedure provides the best results when performed in the Imaging Department and with the patient standing for the upright abdomen view, although it can be accomplished with the mobile x-ray unit in the patient’s room. However, the upright will be substituted with a decubitus projection.</td>
<td><strong>COMMENTS:</strong> This procedure provides the best results when performed in the Imaging Department and with the patient standing for the upright abdomen view, although it can be done with the mobile x-ray unit in the patient’s room. However, the upright will be substituted with a decubitus projection.</td>
</tr>
<tr>
<td><strong>RESULTS:</strong> This exam will provide at least 2 images: An abdomen KUB and either an upright or a left lateral decubitus abdomen. The upright and decubitus will demonstrate free air trapped in the body cavity against the diaphragm or against the lateral abdominal wall in the decubitus.</td>
<td><strong>RESULTS:</strong> This exam will provide at least 3 images: An Abdomen KUB, as mentioned previously, a PA or AP chest x-ray and either an upright or a left lateral decubitus abdomen. The upright and decubitus will demonstrate free air trapped in the body cavity against the diaphragm or against the lateral wall in the decubitus. Do not order this code if the ordering Physician is requesting a 2-view chest x-ray.</td>
</tr>
</tbody>
</table>
ABDOMEN IMAGING

EXAM CODE:

IMG2349 – XR ABDOMEN W/OBLIQUE AND CONE VW

INDICATIONS: This procedure is primarily for post Endovascular Aortic Repair (EVAR) to visualize the stent.

COMMENTS: This procedure is usually ordered the morning after the Aortic Stent has been implanted. For this reason, it will be done in the patient room as a portable.

RESULTS: This exam will provide at least 4 images: An Abdomen KUB, bilateral oblique abdomen images and a cross table lateral abdomen. Each view will demonstrate the stent in a different projection providing the physician a clear view of the stent.
CHEST IMAGING

EXAM CODE:

IMG1259 – XR CHEST AP PORTABLE

IMG34 – XR CHEST PA OR AP

INDICATIONS: This code would be used for lung status, chest tube placement, PICC placement, chest pain, pneumothorax, etc.

COMMENTS: The PA chest x-ray is usually preferred to the AP chest x-ray, as it will provide a more accurate heart shadow size. The portable chest x-ray will always be AP. The portable is ordered when the patient cannot transport to Diagnostic Imaging. However, if the patient cannot stand up unassisted, an AP will be done whether in Diagnostic Imaging or in the patient room.

RESULTS: This exam will produce one image of the entire lung field and heart shadow. The image must include both apices at the top and the entire base of the lungs including both costrophrenic angles. For PICC placement images, the patient may be centered slightly toward the PICC insertion side and may not display the entire contralateral lung field. This is done to view as much of the PICC as possible in case of a kink in the PICC line.

AP chest x-ray for Pneumothorax
ESOPHAGEAL IMAGING

EXAM CODE:

IMG742 – FL ESOPHAGRAM COMPLETE

IMG743 – FL VIDEO SWALLOW W/SPEECH

INDICATIONS: The ESOPHOGRAM is usually ordered for dysphagia, GERD, epigastric pain, etc.
The ESOPHOGRAM VIDEO is ordered primarily for dysphagia and other swallowing disorders. Usually ordered following a stroke.

COMMENTS: Care should be used when ordering these studies because the regular ESOPHOGRAM is often ordered for diagnosing dysphagia. Actually, the ESOPHOGRAM VIDEO may be the procedure the Physician desires. In addition, written orders stating, “Barium Swallow “could mean either procedure. Clarification should be requested from the ordering Physician before ordering. If the VIDEO was the desired procedure, it must be ordered through Speech Pathology, not Diagnostic Imaging.

RESULTS: The ESOPHOGRAM will display the entire esophagus and the gastro-esophageal junction. Hiatal hernia, Zenker’s diverticulum, and obstructions may be demonstrated.

The Esophagram Video will demonstrate the entire swallowing process. The patient will be given various barium foods to chew and swallow while at the fluoroscope. The entire procedure is videotaped for review later.
EXTREMITY IMAGING

EXAM CODE:

IMG6819  –  XR HAND LEFT 3 + VW
IMG6820  –  XR HAND RIGHT 3 + VW
IMG6817  –  XR WRIST LEFT 3 + VW
IMG6818  –  XR WRIST RIGHT 3 + VW

INDICATIONS: Pain and swelling, fractures, trauma, foreign body, etc are reasons for ordering images.

COMMENTS: All extremities will require 3 views (PA/AP, oblique and lateral). For serious trauma images, the patient may not be able to cooperate to provide all three projections. In that case, two views 90 degrees apart are acquired. Occasionally, questions arise regarding which to order. Notice the images on this page to view what will be visualized for each exam.

RESULTS: Ideally, there should be at least 3 images for each exam demonstrating the entire extremity ordered. Occasionally, additional views may be necessary. For the forearm, both the proximal and distal joints must be demonstrated on the image.
EXTREMITY IMAGING

EXAM CODE:

IMG2246 – XR FOREARM LEFT 2 VW

IMG2247 – XR FOREARM RIGHT 2 VW

INDICATIONS: Pain and swelling, fractures, trauma, foreign body, etc are reasons for ordering images.

COMMENTS: All extremities will require 3 views (PA/AP, oblique and lateral). For serious trauma images, the patient may not be able to cooperate to provide all three projections. In that case, two views 90 degrees apart are acquired. Occasionally, questions arise regarding which to order. Notice the images on this page to view what will be visualized for each exam.

RESULTS: Ideally, there should be at least 3 images for each exam demonstrating the entire extremity ordered. Occasionally, additional views may be necessary. For the forearm, both the proximal and distal joints must be demonstrated on the image.
EXTREMITIY IMAGING

EXAM CODE:

IMG6823 – XR HIP LEFT 2 + VW

IMG6824 – XR HIP RIGHT 2 + VW

IMG788 – XR HIPS BILATERAL

IMG6810 – XR PELVIS 1 OR 2 VW

INDICATIONS: Pain, suspected fractures, trauma, etc. are good indicators for ordering the above exams.

COMMENTS: There is often some confusion when ordering these exams. An AP pelvis is performed for any hip order. This view provides an AP of both hips and the entire pelvis. If only the pelvis is ordered, no lateral hip will be imaged.

RESULTS: The entire pelvis will be demonstrated in any of the above orders. If the hip is ordered and was not completely demonstrated with the AP Pelvis, a second AP of just the hip will be acquired. A lateral view of the hip(s) will accompany the series.
EXTREMITY IMAGING

EXAM CODE:

IMG6831  –  XR LOWER EXTREMITY INFANT LEFT 2 + VW
IMG6832  –  XR LOWER EXTREMITY INFANT RIGHT 2 + VW
IMG6825  –  XR UPPER EXTREMITY INFANT LEFT 2 + VW
IMG6826  –  XR UPPER EXTREMITY INFANT RIGHT 2 + VW

INDICATIONS:  Pain, swelling, trauma, suspected fracture, etc.

COMMENTS:  In the case of an injury to the extremity on an infant, the entire extremity is imaged, even if the area of interest is only the femur or lower leg.

NOTE:  Neither the hand nor the foot will be visualized.  If the foot or hand is the area of interest, each must be ordered separately.

RESULTS:  The entire extremity from shoulder to wrist or from hip to ankle will be visualized in AP and LATERAL projections.
INDICATIONS: Back pain, trauma, extremity numbness, etc.

COMMENTS: Some special attention is needed when ordering this study. Written orders can vary from L-spine, Lumbar spine, Lumbo-sacral spine or L-S spine. Usually, the wanted exam is the Lumbar spine. In order to avoid unnecessary radiation dose to the patient clarification is needed when L-S or Lumbo-sacral spine is ordered.

RESULTS: A Lumbar spine order will produce at least 2 images. The AP view will demonstrate the spine from the thoracic vertebra 12 through most of the sacrum and must include the SI joints. The lateral view should demonstrate the spine from at least T-12 through S-2. The intervertebral joint spaces should be open. Often the L-5/S-1 joint space is not open in the lateral view so a special “coned down” view of this area is required. What is not visualized is a quality diagnostic view of the sacrum and coccyx.
**SPINE IMAGING**

**EXAM CODE:**

**IMG64 – XR THORACOLUMBAR SPINE AP LATERAL**

**IMG2277 – XR THORACIC SPINE 3 VW**

**INDICATIONS:** Back pain, trauma, extremity numbness, etc.

**COMMENTS:** These are other studies requiring clarification before ordering. A written order may read “T-L spine, T/L spine, Thoracic, Lumbar spine, or Thoracic and lumbar spine”. As we are trying to eliminate unnecessary dose please confirm what is actually desired from the ordering physician.

**RESULTS:** The thoraco-lumbar order will deliver 2 images: An AP of the Thoraco-lumbar junction from around T-7 to L-3 and a lateral view of approximately the same area.

A Thoracic spine order will produce 3 images: An AP spine from cervical vertebra 7 through lumbar vertebra 1, a lateral view of as much of the same are as possible, and a special lateral “swimmers” view of the cervico-thoracic junction to visualize through the shoulders.