

## Guidelines for ordering Chest X-Rays - PA and Lateral or Portable

Not indicated	Indicated
<b>Asymptomatic patients:</b> <ul style="list-style-type: none"> <li>neither pre-admission</li> <li>nor pre-operatively</li> </ul>	<b>Symptoms or signs of a new cardiothoracic illness</b> (Eg. Acute cardiac respiratory symptoms in a patient with no recent or accessible chest x-ray)
<b>Upper respiratory tract infection</b>	<b>Lower respiratory tract infection</b> involves: <ul style="list-style-type: none"> <li>Bronchi</li> <li>Lungs</li> </ul>
<b>Pneumonia patients who are improving but aren't:</b> <ul style="list-style-type: none"> <li>COPD patients</li> <li>High cancer risk</li> <li>Chronic smokers</li> <li>&gt;55 years old</li> </ul>	<b>Pneumonia patients if new symptoms occur, or if patient:</b> <ul style="list-style-type: none"> <li>Has COPD</li> <li>Is a chronic smoker</li> <li>Has high cancer risk</li> <li>Is &gt;55 years old</li> </ul> Repeat Chest X-Ray should be no earlier than 6 weeks after last X-Ray
<b>Routine chest X-Ray's in:</b> <ul style="list-style-type: none"> <li>ICU</li> <li>Post-Op</li> <li>PACU</li> </ul>	Each Chest X-Ray requires a clinical indication
<b>Known chronic lung disease with acute shortness of breath</b>	Need a clinical concern for a co-existent complication
<b>Known coronary disease with symptoms of patient's usual chest pain</b>	<ul style="list-style-type: none"> <li>Atypical new pain</li> <li>Concern for complication</li> </ul>
<b>Minor trauma</b> <ul style="list-style-type: none"> <li>Injury severity score &lt; 15</li> <li>Stable vital signs</li> <li>No internal organ damage</li> <li>No major bleeding</li> </ul>	<b>Major trauma</b> <ul style="list-style-type: none"> <li>Fall &gt; 20 ft.</li> <li>Car - pedestrian or motorcycle accident</li> <li>MVA &gt; 40 mph</li> <li>Ejection or Prolonged extraction from vehicle</li> <li>Other death in vehicle</li> <li>Chronic steroid use</li> </ul>
<b>Lung cancer screening</b>	<b>Lung cancer screening requires a CT</b> and only if patient is: <ul style="list-style-type: none"> <li>High risk</li> <li>30 pkg / years</li> <li>+ve Family Hx</li> <li>Had a previous cancer</li> <li>&lt;75 years old</li> </ul>
<b>Thoracic aneurysm F/U</b>	<b>Aneurysms require a CT</b>

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