

## Diaphragm Function – Sniff Test

<b>PURPOSE / CLINICAL INDICATION:</b>			
<ul style="list-style-type: none"> <li>Determine diaphragm function</li> </ul>			
<b>SPECIAL CONSIDERATIONS / CONTRAINDICATIONS:</b>			
<ul style="list-style-type: none"> <li></li> </ul>			
	<b>ORDERABLE NAME:</b>	<b>EPIC BUTTON NAME:</b>	<b>NOTES:</b>
<b>UTSW</b>	XR Fluoroscopy Diaphragm		
<b>PHHS</b>	XR Fluoroscopy Chest		
<b>EQUIPMENT / SUPPLIES / CONTRAST:</b>			
<ul style="list-style-type: none"> <li>None</li> </ul>			
<b>PATIENT PREPARATION:</b>			
<ul style="list-style-type: none"> <li>Standing position preferred               <ul style="list-style-type: none"> <li>If not, sitting next preferred</li> <li>If not, supine reverse Trendelenburg (as steeply as tolerated)</li> </ul> </li> </ul>			
<b>PROCEDURE IN BRIEF:</b>			
<ul style="list-style-type: none"> <li>As below</li> </ul>			
<b>COMPLETE PROCEDURE TECHNIQUE:</b>			
<ul style="list-style-type: none"> <li>Observe the hemidiaphragms (together) in frontal and lateral projections during:               <ul style="list-style-type: none"> <li>Quiet respiration – label image</li> <li>Deep inspiration – label image</li> <li>Full expiration – label image</li> <li>Sniff maneuver – label image</li> </ul> </li> </ul>			
<b>IMAGE DOCUMENTATION:</b>			
<ul style="list-style-type: none"> <li>Record diaphragm movement during breathing and sniff maneuver (with cine if available) in frontal and lateral projections.               <ul style="list-style-type: none"> <li>If recording is unavailable, take exposure in deep inspiration and full expiration.</li> </ul> </li> </ul>			
<b>ADDITIONAL WORKFLOW STEPS:</b>			
<ul style="list-style-type: none"> <li></li> </ul>			
<b>REFERENCES:</b>			
<ul style="list-style-type: none"> <li><a href="#">General Fluoroscopy Considerations</a></li> <li><a href="#">Procedure Contrast Grid</a></li> <li><a href="#">Radiographics: Imaging of the Diaphragm: Anatomy and Function</a> <a href="https://doi.org/10.1148/rg.322115127">https://doi.org/10.1148/rg.322115127</a></li> </ul>			
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