<table>
<thead>
<tr>
<th>Disorder</th>
<th>Tracheal Deviation</th>
<th>Breath Sounds</th>
<th>Rales</th>
<th>Percussion</th>
<th>Vocal/Tactile Fremitus (Say 99 -&gt; Palpate)</th>
<th>Egophony (E -&gt; A) (Say E -&gt; Auscultate)</th>
<th>Whispered Pectorilouy (Whisper 99 -&gt; Auscultate)</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atelectasis with Endobronchial Obstruction</td>
<td>Toward Ipsilateral Side</td>
<td>Absent</td>
<td>Absent</td>
<td>Dull</td>
<td>Decreased</td>
<td>Absent</td>
<td>Absent</td>
<td>Absent</td>
</tr>
<tr>
<td>Consolidation with Endobronchial Obstruction</td>
<td>Absent</td>
<td>Decreased/Absent</td>
<td>Absent</td>
<td>Dull</td>
<td>Decreased</td>
<td>Absent</td>
<td>Decreased/Absent</td>
<td></td>
</tr>
<tr>
<td>Small Consolidation</td>
<td>Absent</td>
<td>Bronchovesicular/ Bronchial</td>
<td>Usually Present</td>
<td>Slightly Dull</td>
<td>Normal/Increased</td>
<td>Present</td>
<td>Variable</td>
<td></td>
</tr>
<tr>
<td>Massive Consolidation</td>
<td>Absent</td>
<td>Bronchial</td>
<td>Present</td>
<td>Dull</td>
<td>Increased</td>
<td>Present</td>
<td>Increased</td>
<td></td>
</tr>
<tr>
<td>Thick-Walled Cavity</td>
<td>Absent</td>
<td>Bronchovesicular/ Amphoric (Hollow, Low-Pitched)</td>
<td>Present</td>
<td>Slightly Dull</td>
<td>Normal/Increased</td>
<td>Present</td>
<td>Increased</td>
<td></td>
</tr>
<tr>
<td>Small Pleural Effusion</td>
<td>Absent</td>
<td>Decreased</td>
<td>Absent</td>
<td>Dull</td>
<td>Decreased</td>
<td>Absent</td>
<td>Decreased</td>
<td></td>
</tr>
<tr>
<td>Large Pleural Effusion</td>
<td>Toward Contralateral Side</td>
<td>Decreased (May Be Bronchial if Atelectasis is Also Present)</td>
<td>Absent</td>
<td>Dull (Hyperresonant Above Level of Fluid</td>
<td>Decreased</td>
<td>Absent (May Be Present If Atelectasis is Also Present)</td>
<td>Absent (May Be Increased If Atelectasis is Also Present)</td>
<td></td>
</tr>
<tr>
<td>Pleural Thickening (Fibrothorax)</td>
<td>Absent (Toward Ipsilateral Side in Severe Cases)</td>
<td>Decreased</td>
<td>Absent</td>
<td>Dull</td>
<td>Decreased</td>
<td>Absent</td>
<td>Decreased</td>
<td></td>
</tr>
<tr>
<td>Emphysema</td>
<td>Absent</td>
<td>Decreased/Absent</td>
<td>Variable</td>
<td>Hyperresonant</td>
<td>Decreased</td>
<td>Absent</td>
<td>Decreased/Absent</td>
<td></td>
</tr>
<tr>
<td>Pneumothorax</td>
<td>Toward Ipsilateral Side</td>
<td>Decreased/Absent</td>
<td>Absent</td>
<td>Hyperresonant</td>
<td>Absent</td>
<td>Absent</td>
<td>Decreased/Absent</td>
<td>Coin Sound (Bell Tympany)</td>
</tr>
<tr>
<td>Tension Pneumothorax</td>
<td>Toward Contralateral Side</td>
<td>Decreased/Absent</td>
<td>Absent</td>
<td>Hyperresonant</td>
<td>Absent</td>
<td>Absent</td>
<td>Decreased/Absent</td>
<td>Coin Sound (Bell Tympany)</td>
</tr>
<tr>
<td>Hydropneumothorax</td>
<td>Toward Contralateral Side</td>
<td>Absent</td>
<td>Absent</td>
<td>Hyperresonant Above Fluid Level/ Dull Below Fluid Level</td>
<td>Absent</td>
<td>Absent (May Be Present If Atelectasis is Also Present)</td>
<td>Absent</td>
<td>Succussion Splash/ Shifting Dullness/ Coin Sound (Bell Tympany)</td>
</tr>
</tbody>
</table>
**Pneumothorax**

- Vocal Cords
- Visceral Pleura
- Parietal Pleura
- Chest Wall

- **Alveoli**
- **Visceral Pleura**
- **Parietal Pleura**
- **Chest Wall**

- **Pneumothorax**
- Air

- **Tracheal Deviation**: Toward Contralateral Side
- **Breath Sounds**: Decreased
- **Percussion**: Hyperresonant
- **Tactile Fremitus**: Absent
- **Egophony**: Absent

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**Tension Pneumothorax**

- Vocal Cords
- Visceral Pleura
- Parietal Pleura
- Chest Wall

- **Alveoli**
- **Visceral Pleura**
- **Parietal Pleura**
- **Chest Wall**

- **Pneumothorax**
- Air (Under Positive Pressure)

- **Tracheal Deviation**: Toward Contralateral Side
- **Breath Sounds**: Decreased
- **Percussion**: Hyperresonant
- **Tactile Fremitus**: Absent
- **Egophony**: Absent

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**Atelectasis with Endobronchial Obstruction**

- Vocal Cords
- Visceral Pleura
- Parietal Pleura
- Chest Wall

- **Alveoli**
- **Visceral Pleura**
- **Parietal Pleura**
- **Chest Wall**

- **Mucous Plug**

- **Atelectasis with Endobronchial Obstruction**

- **Tracheal Deviation**: Toward Ipsilateral Side
- **Breath Sounds**: Absent
- **Percussion**: Dull
- **Tactile Fremitus**: Decreased
- **Egophony**: Absent

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**Fibrothorax**

- Vocal Cords
- Visceral Pleura
- Parietal Pleura
- Chest Wall

- **Alveoli**
- **Visceral Pleura**
- **Parietal Pleura**
- **Chest Wall**

- **Fibrous Tissue**

- **Breath Sounds**: Decreased
- **Percussion**: Dull
- **Tactile Fremitus**: Decreased
- **Egophony**: Absent