

**Table 1. Group I Criteria**

Patient on Room Air at Rest	Patient Tested During Exercise	Patient Tested During Sleep
<p>While awake:</p> <ul style="list-style-type: none"> <li>• Arterial oxygen saturation at or below 88%; <b>or</b></li> <li>• Arterial Partial Pressure of Oxygen (PO<sub>2</sub>) at or below 55 mm Hg.</li> </ul>	<ul style="list-style-type: none"> <li>• Room air at rest arterial saturation results above 56 mm Hg or an arterial oxygen saturation at or above 89%; <b>or</b></li> <li>• Arterial saturation results during ambulation and without oxygen below 55 mm Hg or an arterial oxygen saturation at or below 88%; <b>and</b></li> <li>• Documented improvement of hypoxemia during ambulation with oxygen.</li> </ul>	<p>If arterial PO<sub>2</sub> at or above 56 mm Hg or an arterial oxygen saturation at or above 89% while awake, additional testing must show:</p> <ol style="list-style-type: none"> <li>a. Arterial PO<sub>2</sub> at or below 55 mm Hg, or an arterial oxygen saturation at or below 88%, for at least 5 minutes taken during sleep; <b>or</b></li> <li>b. Decrease in arterial PO<sub>2</sub> of more than 10 mm Hg, or a decrease in arterial oxygen saturation more than 5%, for at least 5 minutes, taken during sleep associated with symptoms or signs reasonably attributable to hypoxemia.</li> </ol>

**Table 2. Group II Criteria**

<b>Patient on Room Air at Rest</b>	<b>Patient Tested During Exercise</b>	<b>Patient Tested During Sleep</b>
<p>While awake:</p> <ul style="list-style-type: none"> <li>• Arterial oxygen saturation of 89%; <b>or</b></li> <li>• Arterial PO<sub>2</sub> of 56-59 mm Hg; <b>and</b> <ul style="list-style-type: none"> <li>a. Dependent edema suggesting congestive heart failure;</li> <li>b. Pulmonary hypertension or cor pulmonale, determined by measurement of pulmonary artery pressure, gated blood pool scan, echocardiogram, or "P" pulmonale on electrocardiography (EKG) (P wave greater than 3 mm in standard leads II, III, or AVF); <b>or</b></li> <li>c. Erythrocythemia with a hematocrit above 56%.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Arterial oxygen saturation of 89%; <b>or</b></li> <li>• Arterial PO<sub>2</sub> of 56-59 mm Hg; <b>and</b> <ul style="list-style-type: none"> <li>a. Dependent edema suggesting congestive heart failure;</li> <li>b. Pulmonary hypertension or cor pulmonale, determined by measurement of pulmonary artery pressure, gated blood pool scan, echocardiogram, or "P" pulmonale on EKG (P wave greater than 3 mm in standard leads II, III, or AVF); <b>or</b></li> <li>c. Erythrocythemia with a hematocrit above 56%.</li> </ul> </li> </ul>	<p>During sleep for at least 5 minutes:</p> <ul style="list-style-type: none"> <li>• Arterial oxygen saturation of 89%; <b>or</b></li> <li>• Arterial PO<sub>2</sub> of 56-59 mm Hg; <b>and</b> <ul style="list-style-type: none"> <li>a. Dependent edema suggesting congestive heart failure;</li> <li>b. Pulmonary hypertension or cor pulmonale, determined by measurement of pulmonary artery pressure, gated blood pool scan, echocardiogram, or "P" pulmonale on EKG (P wave greater than 3 mm in standard leads II, III, or AVF); <b>or</b></li> <li>c. Erythrocythemia with a hematocrit above 56%.</li> </ul> </li> </ul>

**Note:** A portable oxygen system is covered if the patient is mobile within the home and the qualifying blood gas study was performed at rest while awake or during exercise.