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Developed By: Medical Criteria Committee	

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**Approved:** Neal Mills MD. MBA **Date:** 3/15/2011

**Description:**

Oxygen is a gas that is abundant in the air we breathe that gives the cells of the body energy through transactions between oxygen and food. A concentrator is a device that produces oxygen by concentrating the oxygen already in the air and removing other gases. Compressed oxygen gas or liquid oxygen can be stored in tanks to be administered portably if the patient is away from home.

**Criteria:**

Oxygen concentrator rental and related supplies will be covered to plan limitations when all of the following criteria are met:

1. The patient has an oxygen saturation level less than or equal to 88 percent during exercise or an oxygen saturation level below 90 percent on room air at rest.

**AND**

2. The patient has documented findings of a medical condition that oxygen therapy would be expected to improve.

ODS requires reassessment of home oxygen needs at 12 months after initiating home oxygen therapy. An independent respiratory provider utilizing either pulse oximetry or arterial blood gasses will reevaluate need for continued home oxygen therapy.

\*Oxygen rental for the diagnosis of cluster headaches will be reviewed on a case-by-case basis when other treatment modalities have proven to be ineffective.

**Not Covered:**

ODS does not cover oxygen concentrators under the following circumstances:

1. Topical oxygen: Oxygen for topical use is not covered

**Information to be Submitted with Pre-Authorization Request:**

1. Recent arterial oxygen saturation levels at rest or during exercise.
2. Medical records from the prescribing physician.

**Applicable CPT/HCPC:**

**Note: list may not be all inclusive**

E0424	Stationary compressed gaseous oxygen system, rental; includes container, contents, regulator, flowmeter, humidifier, nebulizer, cannula or mask, and tubing
E0425	Stationary compressed gas system, purchase; includes regulator, flowmeter, humidifier, nebulizer, cannula or mask, and tubing
E0430	Portable gaseous oxygen system, purchase; includes regulator, flowmeter, humidifier, cannula or mask, and tubing
E0431	Portable gaseous oxygen system, rental; includes portable container, regulator, flowmeter, humidifier, cannula or mask, and tubing
E0434	Portable liquid oxygen system, rental; includes portable container, supply reservoir, humidifier, flowmeter, refill adaptor, contents gauge, cannula or mask, and tubing
E0435	Portable liquid oxygen system purchase, includes portable container, supply reservoir,

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	flowmeter, humidifier, contents gauge, cannula or mask, tubing and refill adaptor
E0439	Stationary liquid oxygen system, rental; includes container, contents, regulator, flowmeter, humidifier, nebulizer, cannula or mask, and tubing
E0440	Stationary liquid oxygen system, purchase; includes use of reservoir, contents indicator, regulator, flowmeter, humidifier, nebulizer, cannula or mask, and tubing
E0441	Oxygen contents, gaseous (for use with owned gaseous stationary systems or when both a stationary and portable gaseous system are owned), 1 month's supply=1 unit
E0442	Oxygen contents, liquid (for use with owned liquid stationary systems or when both a stationary and portable liquid system are owned), 1 month's supply=1 unit
E0443	Portable oxygen contents, gaseous (for use only with portable gaseous systems when no stationary gas or liquid system is used), 1 month's supply=1 unit
E0444	Portable oxygen contents, liquid (for use only with portable liquid systems when no stationary gas or liquid system is used), 1 month's supply=1 unit
E1390	Oxygen concentrator, single delivery port, capable of delivery 85 percent or greater oxygen concentration at the prescribed flow rate
E1391	Oxygen concentrator, dual delivery port, capable of delivering 85 percent or greater oxygen concentration at the prescribed flow rate, each
E1392	Portable oxygen concentrator, rental
E1405	Oxygen and water vapor enriching system with heated delivery
E1406	Oxygen and water vapor enriching system without heated delivery
K0738	Portable gaseous oxygen system, rental; home compressor used to fill portable oxygen cylinders; includes portable containers, regulator, flowmeter, humidifier, cannula or mask, and tubing
S8120	Oxygen contents, gaseous, 1 unit = 1 cubic foot
S8121	Oxygen contents, liquid, 1 unit = 1 pound

**References:**

Oregon Health Plan Administrative Rules for DME  
 American Lung Association: Oxygen Therapy Fact Sheet. 2004  
 Physician Advisors