

## Why the Apogee Dynamic Oxygen Delivery System may be the right choice for you

The Apogee by Dynaris excels where conservers and portable oxygen concentrators often fall short.

Recent studies show that we naturally breathe through a dominant nasal passage which alternates throughout the day. This process is called the “nasal cycle.” It is believed this occurs to allow each side of the nose time to rest and rehydrate. The Apogee’s patented technology leverages the nasal cycle by detecting and delivering pulsed oxygen only to the dominant nostril -- so no oxygen is wasted on the blocked side.

The Apogee is effective for all patients requiring portable oxygen, especially in conditions where one nostril remains blocked — such as with a deviated septum, turbinate hypertrophy, nasal valve collapse, and sinus infection. The Apogee with its 1 to 6 settings are ideal when higher liter flows are required and the patient needs a longer-lasting portable system.

### Benefits include:

#### Improved Therapy

- Many users achieve more consistent saturation levels (All other systems can lose up to 50% of O<sub>2</sub> due to the nasal cycle).
- Oxygen volume delivered remains constant with each breath unlike portable concentrators and conservers that deliver 'minute volume'. They reduce the oxygen -- when you need it the most -- as the breath rate increases.
- Highest Purity - The Apogee uses any size oxygen cylinder that contains up to 99% pure oxygen (Guidelines for portable concentrators is 85%; the smaller the POC the less O<sub>2</sub> produced.)
- Earliest inspiratory detection and delivery - Patented sensors enable the fastest published response time. This optimizes alveolar ventilation, where in the lung gas exchange occurs. Systems that trigger late may lose oxygen to the dead space in the airway.
- Improved Comfort - Less nasal drying and irritation (The blocked nasal passage has time to rest and rehydrate while the other nasal passage receives oxygen.)

#### Increased Cylinder Duration

- Oxygen cylinders last 5 times longer at comparable continuous flow settings.

#### Convenience & Economy

- A 4-pound cylinder can last approximately 7 hours at a setting of 2. An E-size cylinder on a cart can last over 25 hours. This enables longer periods to ambulate with smaller cylinders – requiring fewer deliveries and cylinder exchanges.

Please order online at [Dynaris.com](http://Dynaris.com)  
(portable oxygen prescription is required)



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