



## Physician Information for the Apogee® Dynamic Oxygen Delivery System from Dynaris®

The **Apogee** provides “*dynamic oxygen delivery*,” a new standard in oxygen therapy. It is designed to improve patients’ comfort and freedom while ensuring physician confidence in prescribing cutting-edge technology.

### **Apogee’s innovative design targets the most open nasal passage.**

Until now, nasal cannulas were designed to deliver oxygen equally to each nostril. Unfortunately, that is not the way we breathe. Instead, we most often “nasal cycle” - breathing through a single, dominant nasal passage. That side alternates throughout the day.

A recent study showed that when unilateral nasal blockage occurs, today’s cannulas may be inefficient and insufficient requiring twice the liter flow (e.g., 3 lpm to 6 lpm) to reach the same percent inspired oxygen.

The Apogee detects the dynamic changes in unilateral nasal airflow for each breath and selects only the most patent/dominant nasal passage for pulse oxygen delivery.

### **Apogee’s Key Advantages**

- Senses and delivers oxygen at the earliest moment of inhalation to maximize oxygen deposition to the lungs.
- Delivers prescribed oxygen to maintain patient’s therapy without wasting oxygen to a blocked nasal passage.
- Provides full pulse volume even at higher respiratory rates. (Most other systems can only deliver “minute volume” and must decrease pulse volume to compensate for breath rate increases.)
- Delivers 99% pure oxygen versus as low as 82% for portable oxygen concentrators.
- Reduces nasal dryness and irritation by allowing the partially blocked passage to rest and rehydrate.
- When attached to a M-6 cylinder at a breath rate of 20, the Apogee will provide up to 13.6 hours of therapy, many times longer than comparable sized system.
- Requires fewer refills thereby offering greater efficiency, mobility, and cost savings.

### **When prescribing...**

- Please specify the **Apogee Dynamic Oxygen Delivery System** which includes a custom regulator, patient choice of carrying case, and tubing. No substitutes.
- Please prescribe the Dynaris Cannula separately; one per week prn for one year.
- Please include patient choice portable oxygen cylinders as needed.

**Please Fax to:** Dynaris  
Office: 636-778-1926  
Fax: 636-778-1050